

HDP, HDO Series

Lista parti di ricambio | Spare parts list | Ersatzteilliste
Liste des pieces detachees | Lista de partes de recambio

HDP 60 ... HDP 90

Gearbox size <i>Taglia riduttore</i> Tamaño del motorreductor <i>Taille du réducteur</i> Getriebegröße	AXIS <i>ASSE</i> EJE <i>AXE</i> ACHSE	Stages <i>Stadi</i> Etapas <i>Étages</i> Stufen	Type <i>Tipo</i> Tipo <i>Typ</i> Type Typ	Shaft arrangement <i>Disposizione alberi</i> Disposición del eje <i>Disposition d'arbre</i> Anordnung der Wellen	Options <i>Opzioni</i> Opciones <i>Options</i> Optionen	Input frame size <i>Taglie telaio ingresso</i> Entrada tamaño de bastidor <i>Taille de châssis entrée</i> Eingangsbaugröße	Page no <i>Pagina n.º</i> Página n.º <i>Page n.º</i> Seite Nr.
ALL	AXIS POSITION				-	9	
ALL	COMMON	2 & 3	COMMON	-	-	10	
ALL	INPUTV	2 & 3	VP	LL - RL - DL	-	11	
ALL	INPUTV	2 & 3	VP	LR - RR - DR	-	12	
ALL	INPUTV	2 & 3	VP	LD - RD - DD	-	13	
ALL	INPUTV	2 & 3	VP	LL - RL - DL	AD	15	
ALL	INPUTV	2 & 3	VP	LR - RR - DR	AD	16	
ALL	INPUTV	2 & 3	VP	LL - RL - DL	GL	18	
ALL	INPUTV	2 & 3	VP	LR - RR - DR	GR	19	
ALL	INPUTV	2 & 3	VP	LL - RL - DL	-	NGL- 210/250/280	21
ALL	INPUTV	2 & 3	VP	LR - RR - DR	-	NGR- 210/250/280	22
ALL	INPUTV	2 & 3	VP	LL - RL - DL	-	NGL- 320/360	24
ALL	INPUTV	2 & 3	VP	LR - RR - DR	-	NGR- 320/360	25
ALL	INPUTV	2 & 3	VP	LL - RL - DL	BACKSTOP	-	27
ALL	INPUTV	2 & 3	VP	LR - RR - DR	BACKSTOP	-	28
ALL	INPUTV	2 & 3	VP	LL - RL - DL	FAN-R	-	30
ALL	INPUTV	2 & 3	VP	LR - RR - DR	FAN-L	-	31
ALL	COMMON	2 & 3	-	-	TORQUE ARM	-	33
ALL	OUTPUT4	2 & 3	LP	LL - RL - DL	-	-	35
ALL	OUTPUT4	2 & 3	LP	LR - RR - DR	-	-	36
ALL	OUTPUT4	2 & 3	LP	LD - RD - DD	-	-	37
ALL	OUTPUT4	2 & 3	H	LL - RL - DL - LR - RR - DR - LD - RD - DD	-	-	39
ALL	OUTPUT4	2 & 3	S	RL - RR - RD	-	-	41
ALL	OUTPUT4	2 & 3	S	LL - LR - LD	-	-	42
ALL	INPUTV	2 & 3		OILSEALS - 80*	-	-	44
ALL	INPUTV	2 & 3		OILSEALS - 150*	-	-	45
ALL	INPUTV	2 & 3		KEY70*	-	-	45
ALL	OUTPUT4	2 & 3		OILSEALS - 590*	-	-	46
ALL	COMMON	2 & 3		PLUGS	-	-	47
ALL	ALL	2 & 3		DBF	-	-	51
ALL	ALL			BEARING POSITION	-	-	52

HDP 100 ... HDP 140

Gearbox size <i>Taglia riduttore</i> Tamaño del motorreductor <i>Taille du réducteur</i> Getriebegröße	AXIS ASSE EJE AXE ACHSE	Stages <i>Stadi</i> <i>Étapes</i> <i>Étages</i> Stufen	Type <i>Tipo</i> Tipo <i>Type</i> Typ	Shaft arrangement <i>Disposizione alberi</i> <i>Disposición del eje</i> <i>Disposition d'arbre</i> Anordnung der Wellen	Options <i>Opzioni</i> Opciones <i>Options</i> Optionen	Input frame size <i>Taglie telaio ingresso</i> Entrada tamaño de bastidor <i>Taille de châssis entrée</i> Eingangsbaugröße	Page no <i>Pagina n.º</i> Página n.º <i>Page n°</i> Seite Nr.
ALL				AXIS POSITION		-	55
100 / 110 / 120 / 125	-	2,3,4		COMMON		-	56
130 & 140	-	2		COMMON		-	57
130 & 140	-	3,4		COMMON		-	58
ALL	4	2,3,4	LP	LL - LR - LD	-	-	61
ALL	4	2,3,4	LP	RL - RR - RD	-	-	62
ALL	4	2,3,4	LP	DL - DR - DD	-	-	63
ALL	4	2,3,4	LP	LL - LR - LD	TK	-	65
ALL	4	2,3,4	LP	RL - RR - RD	TK	-	66
ALL	4	2,3,4	LP	DL - DR - DD	TK	-	67
ALL	4	2,3,4	H	LL - RL - DL - LR - RR - DR - LD - RD - DD	-	-	68
ALL	4	2,3,4	H	LL - RL - DL - LR - RR - DR - LD - RD - DD	TK	-	71
ALL	4	2,3,4	S	LL - LR - LD	-	-	73
ALL	4	2,3,4	S	RL - RR - RD	-	-	74
ALL	4	2,3,4	S	LL - LR - LD	TK	-	76
ALL	4	2,3,4	S	RL - RR - RD	TK	-	77
100 / 110 / 120 / 125	V	2,3,4	VP	LL - LR - LD	-	-	79
100 / 110 / 120 / 125	V	2,3,4	VP	LR - RR - DR	-	-	80
100 / 110 / 120 / 125	V	2,3,4	VP	DL - DR - DD	-	-	81
100 / 110 / 120 / 125	V	2,3,4	VP	LL - LR - LD	TK	-	83
100 / 110 / 120 / 125	V	2,3,4	VP	RL - RR - RD	TK	-	84
100 / 110 / 120 / 125	V	2,3,4	VP	DL - DR - DD	TK	-	85
130 & 140	V	2,3,4	VP	LL - LR - LD	-	-	88
130 & 140	V	2,3,4	VP	RL - RR - RD	-	-	89
130 & 140	V	2,3,4	VP	DL - DR - DD	-	-	90
130 & 140	V	2,3,4	VP	RL - RR - RD	TK	-	92
130 & 140	V	2,3,4	VP	DL - DR - DD	TK	-	93
130 & 140	V	2,3,4	VP	DL - DR - DD	TK	-	96
ALL	V	2,3,4	GL	-	-	112/160/180/225	99
ALL	V	2,3,4	GR	-	-	112/160/180/225	100

HDP 100 ... HDP 140

Gearbox size <i>Taglia riduttore</i> Tamaño del motorreductor <i>Taille du réducteur</i> Getriebegröße	AXIS <i>ASSE</i> EJE <i>AXE</i> ACHSE	Stages <i>Stadi</i> <i>Etapas</i> <i>Étages</i> Stufen	Type <i>Tipo</i> Tipo <i>Type</i> Typ	Shaft arrangement <i>Disposizione alberi</i> <i>Disposición del eje</i> <i>Disposition d'arbre</i> Anordnung der Wellen	Options <i>Opzioni</i> Opciones <i>Options</i> Optionen	Input frame size <i>Taglie telaio ingresso</i> Entrada tamaño de bastidor <i>Taille de châssis entrée</i> Eingangsbaugröße	Page no <i>Pagina n°</i> Página n.º <i>Page n°</i> Seite Nr.
ALL	V	2,3,4	GL	-	-	132/200/250/280/315	105
ALL	V	2,3,4	GR	-	-	132/200/250/280/315	106
ALL	V	2,3,4	NGL	-	-	180/210/250/280/320/360/400/440	111
ALL	V	2,3,4	NGR	-	-	180/210/250/280/320/360/400/440	112
ALL	V	2,3,4	VP	LL - LR - LD	A	-	118
ALL	V	2,3,4	VP	LR - RR - DR	A	-	119
ALL	V	2,3	VP	LR - RR - DR	FAN-L	-	124
ALL	V	2,3	VP	LL - RL - DL	FAN-R	-	125
ALL	V	2,3	VP	LL - RL - DL - LR - RR - DR	FAN-LR	-	126
ALL	V	4	VP	LR - RR - DR	FAN-L	-	130
ALL	V	4	VP	LL - RL - DL	FAN-R	-	131
ALL	V	4	VP	LL - RL - DL - LR - RR - DR	FAN-LR	-	132
ALL	V	2,3,4	VP	LL - RL - DL - LD - RD - DD	FAN-L	-	135
ALL	V	2,3,4	VP	LR - RR - DR - LD - RD - DD	FAN-R	-	136
ALL	V	2,3,4	VP	LL - RL - DL - LR - RR - DR - LD - RD - DD	FAN-LR	-	141
ALL	-	2,3,4	TORQUE ARM			-	146
ALL	4	2,3,4	OILSEAL			-	148
ALL	V	2,3,4	OILSEAL			-	149
ALL	-	2,3,4	NG	KEY		-	151
ALL	V	2,3,4	OILSEAL		FAN	-	154
ALL	-	2 & 3 & 4	PLUGS				155
ALL	-	2 & 3 & 4	DBF				159
ALL	ALL		BEARING POSITION				161

HDO 71 ... HDO 95

Gearbox size <i>Taglia riduttore</i> Tamaño del motorreductor <i>Taille du réducteur</i> Getriebegröße	AXIS ASSE EJE AXE ACHSE	Stages <i>Stadi</i> Etapas Étages Stufen	Type <i>Tipo</i> Tipo Type Typ	Shaft arrangement <i>Disposizione alberi</i> Disposición del eje <i>Disposition d'arbre</i> Anordnung der Wellen	Execution <i>Esecuzione</i> Ejecución <i>Exécution</i> Ausführung	Options <i>Opzioni</i> Opciones <i>Options</i> Optionen	Input frame size <i>Taglie telaio ingresso</i> Entrada tamaño de bastidor <i>Taille de châssis entrée</i> Eingangsbaugröße	Page no <i>Pagina n.º</i> Página n.º Page n.º Seite Nr.
ALL	AXIS POSITION					-	164	
ALL	V	2 & 3 & 4	COMMON			-	165	
ALL	VJ	3	COMMON			-	166	
ALL	4	2 & 3 & 4	LP	L - LJ - LD	1 & 2	-	168	
ALL	4	2 & 3 & 4	LP	R - RJ - RD	1 & 2	-	169	
ALL	4	2 & 3 & 4	LP	D - DJ - DD	1 & 2	-	170	
ALL	4	2 & 3 & 4	LP	L - LJ - LD	1 & 2	TK	172	
ALL	4	2 & 3 & 4	LP	R - RJ - RD	1 & 2	TK	173	
ALL	4	2 & 3 & 4	LP	D - DJ - DD	1 & 2	TK	174	
ALL	4	2 & 3 & 4	H	L - LJ - LD	1 & 2	-	176	
ALL	4	2 & 3 & 4	H	L - LJ - LD	1 & 2	TK	178	
ALL	4	2 & 3 & 4	S	L - LJ - LD	1 & 2	-	180	
ALL	4	2 & 3 & 4	S	R - RJ - RD	1 & 2	-	181	
ALL	4	2 & 3 & 4	S	L - LJ - LD	1 & 2	TK	183	
ALL	4	2 & 3 & 4	S	R - RJ - RD	1 & 2	TK	184	
71 & 81 & 91	V	2	VP	L - R - D	1 & 2	-	186	
71 & 81 & 91	V	2	VP	L - R - D	1 & 2	TK	188	
ALL	V	3	VP	L - R - D	1 & 2	-	190	
ALL	V	3	VP	L - R - D	1 & 2	TK	192	
ALL	V	4	VP	L - R - D	1 & 2	-	194	
ALL	V	4	VP	L - R - D	1 & 2	TK	196	
ALL	VJ	3	VP	LJ - RJ - DJ	1 & 2	-	198	
ALL	VJ	3	VP	LJ - RJ - DJ	1 & 2	TK	200	
ALL	V	3	VP	LD - RD - DD	1 & 2	-	202	
ALL	V	3	VP	LD - RD - DD	1 & 2	TK	205	
71 & 81	V	3 & 4	AD	L - R - D	1 & 2	-	132/160/180	208
91 & 95	V	3 & 4	AD	L - R - D	1 & 2	-	132/160/180	211
71 & 81	V	3 & 4	AD	L - R - D	1 & 2	-	200	214
91 & 95	V	3 & 4	AD	L - R - D	1 & 2	-	200	217

HDO 71 ... HDO 95

Gearbox size <i>Taglia riduttore</i> Tamaño del motorreductor <i>Taille du réducteur</i> Getriebegröße	AXIS ASSE EJE AXE ACHSE	Stages <i>Stadi</i> Etapas Étages Stufen	Type <i>Tipo</i> Tipo Type Typ	Shaft arrangement <i>Disposizione alberi</i> Disposición del eje <i>Disposition d'arbre</i> Anordnung der Wellen	Execution <i>Esecuzione</i> Ejecución <i>Exécution</i> Ausführung	Options <i>Opzioni</i> Opciones <i>Options</i> Optionen	Input frame size <i>Taglie telaio ingresso</i> Entrada tamaño de bastidor <i>Taille de châssis entrée</i> Eingangsbaugröße	Page no <i>Pagina n.º</i> Página n.º Page n.º Seite Nr.
71 & 81	VJ	3 & 4	AD	LJ - RJ - DJ	1 & 2	-	132/160/180	220
91 & 95	VJ	3 & 4	AD	LJ - RJ - DJ	1 & 2	-	132/160/180	223
71 & 81	VJ	3 & 4	AD	LJ - RJ - DJ	1 & 2	-	200	226
91 & 95	VJ	3 & 4	AD	LJ - RJ - DJ	1 & 2	-	200	229
71	V	2	G	L - R - D	1 & 2	-	P200/P225	232
81	V	2	G	L - R - D	1 & 2	-	P-200/225/250/280	234
91	V	2	G	L - R - D	1 & 2	-	P-200/225/250/280	237
71 & 81	V	3	G	L - R - D	1 & 2	-	P-132/160/180/200/225/250/280	240
91 & 95	V	3 & 4	G	L - R - D	1 & 2	-	P-112/132/160/180/200/225/250/280	242
71 & 81	V	4	G	L - R - D	1 & 2	-	P-100/112/132/160/180/200	245
71 & 81	V	3	NG	L - R - D	1 & 2	-	N-210/250/280	247
71 & 81	V	2 & 3	NG	L - R - D	1 & 2	-	N-320/360/400	250
91 & 95	V	3 & 4	NG	L - R - D	1 & 2	-	N-180/210	253
91 & 95	V	2 & 3 & 4	NG	L - R - D	1 & 2	-	N-250/280/320/360/400	256
ALL	2	2 & 3 & 4	VP	L - R - D	1	A-(BACKSTOP)	-	260
ALL	2	2 & 3 & 4	VP	L - R - D	2	A-(BACKSTOP)	-	261
ALL	V	2 & 3 & 4	VP	L - R - D	1 & 2	FAN	-	263
ALL	V	2 & 3 & 4	VP	L - R - D	1 & 2	FAN with TK	-	267
ALL	VJ	2 & 3 & 4	VP	LD - RD - DD	1 & 2	FAN	-	271
ALL	VJ	2 & 3 & 4	VP	LD - RD - DD	1 & 2	FAN with TK	-	275
ALL	-	2 & 3 & 4	-			TA		280
ALL	4	2 & 3 & 4	-			OILSEAL		282
ALL	V	2 & 3 & 4	-			OILSEAL		283
ALL	VJ	2 & 3 & 4	-			OILSEAL		284
ALL	V	2 & 3 & 4	AD			OILSEAL		285
ALL	V	2 & 3 & 4	G			OILSEAL		285
ALL	V	2 & 3 & 4	NG			OILSEAL		286
ALL	V	2 & 3 & 4	NG			KEY		287
ALL	V	2 & 3 & 4	G			SCREW CONNECTION		289

HDO 71 ... HDO 95

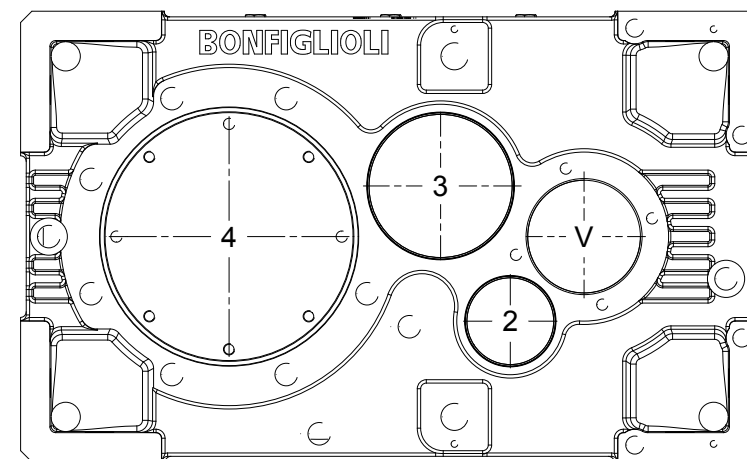
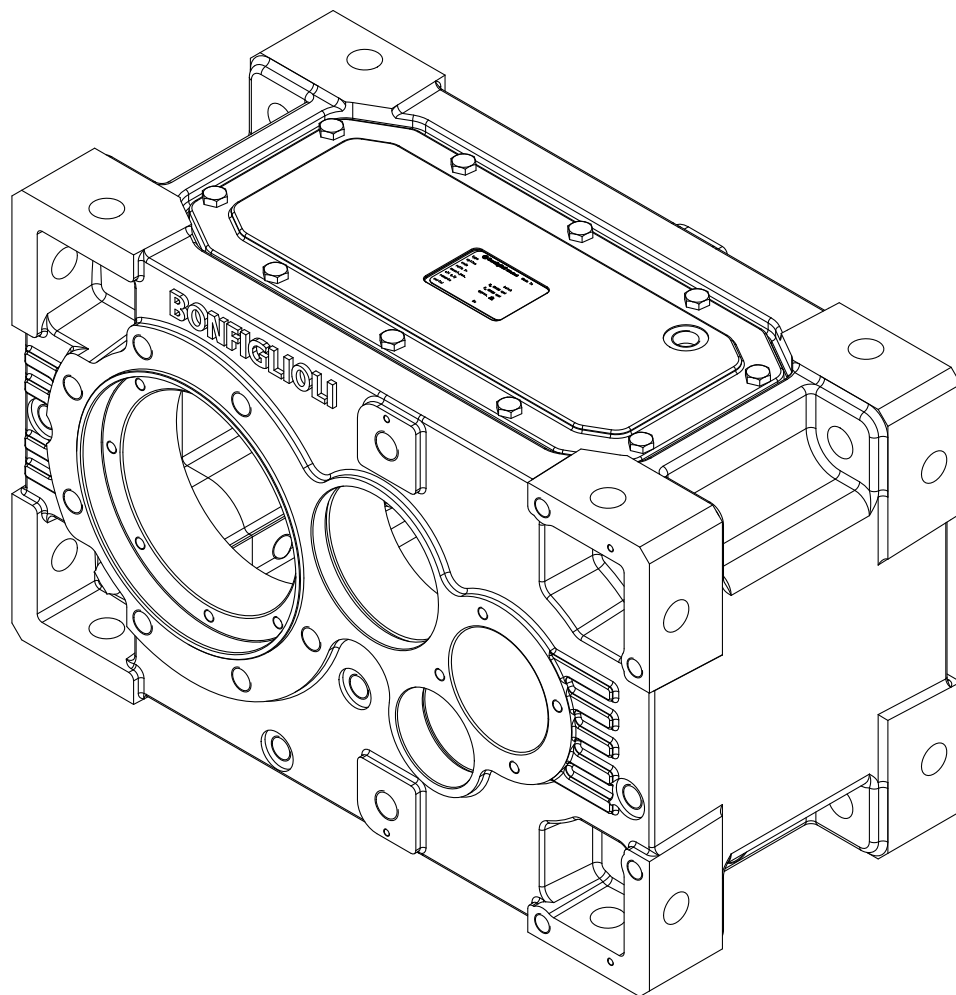
Gearbox size <i>Taglia riduttore</i> Tamaño del motorreductor <i>Taille du réducteur</i> Getriebegröße	AXIS <i>ASSE</i> EJE <i>AXE</i> ACHSE	Stages <i>Stadi</i> Etapas <i>Étages</i> Stufen	Type <i>Tipo</i> Tipo <i>Type</i> Typ	Shaft arrangement <i>Disposizione alberi</i> Disposición del eje <i>Disposition d'arbre</i> Anordnung der Wellen	Execution <i>Esecuzione</i> Ejecución <i>Exécution</i> Ausführung	Options <i>Opzioni</i> Opciones <i>Options</i> Optionen	Input frame size <i>Taglie telaio ingresso</i> Entrada tamaño de bastidor <i>Taille de châssis entrée</i> Eingangsbaugröße	Page no <i>Pagina n°</i> Página n.° <i>Page n°</i> Seite Nr.
ALL	-	2 & 3 & 4				PLUGS		290
ALL	-	2 & 3 & 4				DBF		292
ALL	ALL					BEARING POSITION		293

HDO 100 ... HDO 140

Gearbox size <i>Taglia riduttore</i> Tamaño del motorre- ductor Taille du réducteur Getriebegröße	AXIS ASSE EJE AXE ACHSE	Stages <i>Stadi</i> <i>Etapas</i> <i>Étages</i> Stufen	Type <i>Tipo</i> <i>Tipo</i> <i>Type</i> Typ	Shaft arrangement <i>Disposizione alberi</i> <i>Disposición del eje</i> <i>Disposition d'arbre</i> Anordnung der Wellen	Execution <i>Esecuzione</i> <i>Ejecución</i> <i>Exécution</i> Ausführung	Options <i>Opzioni</i> <i>Opciones</i> <i>Options</i> Optionen	Input frame size <i>Taglie telaio ingresso</i> <i>Entrada tamaño de bastidor</i> <i>Taille de châssis entrée</i> Eingangsbaugröße	Page no <i>Pagina n.º</i> <i>Página n.º</i> <i>Page n.º</i> Seite Nr.	
ALL	AXIS POSITION						-	297	
100 / 110 / 120 / 125	V	2 & 3 & 4	COMMON						298
100 / 110 / 120 / 125	VJ	3	COMMON						299
130 & 140	V	2 & 3 & 4	COMMON						300
130 & 140	VJ	3	COMMON						301
ALL	4	2 & 3 & 4	LP	L - LJ - LD	1 & 2	-	-	304	
ALL	4	2 & 3 & 4	LP	R - RJ - RD	1 & 2	-	-	305	
ALL	4	2 & 3 & 4	LP	D - DJ - DD	1 & 2	-	-	306	
ALL	4	2 & 3 & 4	LP	L - LJ - LD	1 & 2	TK	-	308	
ALL	4	2 & 3 & 4	LP	R - RJ - RD	1 & 2	TK	-	309	
ALL	4	2 & 3 & 4	LP	D - DJ - DD	1 & 2	TK	-	310	
ALL	4	2 & 3 & 4	H	L - LJ - LD	1 & 2	-	-	312	
ALL	4	2 & 3 & 4	H	L - LJ - LD	1 & 2	TK	-	314	
ALL	4	2 & 3 & 4	S	L - LJ - LD	1 & 2	-	-	316	
ALL	4	2 & 3 & 4	S	R - RJ - RD	1 & 2	-	-	317	
ALL	4	2 & 3 & 4	S	L - LJ - LD	1 & 2	TK	-	319	
ALL	4	2 & 3 & 4	S	R - RJ - RD	1 & 2	TK	-	320	
ALL	V	2 & 3 & 4	VP	L - R - D - LD - RD - DD	1 & 2	-	-	322	
ALL	V	2 & 3 & 4	VP	L - R - D - LD - RD - DD	1 & 2	TK	-	325	
ALL	VJ	3	VP	LJ - RJ - DJ - LD - RD - DD	1 & 2	-	-	329	
ALL	VJ	3	VP	LJ - RJ - DJ - LD - RD - DD	1 & 2	TK	-	332	
ALL	V	2 & 3 & 4	G	L - R - D - LD - RD - DD	1 & 2	-	100/112/160/180/225	335	
ALL	V	2 & 3 & 4	G	L - R - D - LD - RD - DD	1 & 2	TK	100/112/160/180/225	339	
ALL	V	2 & 3 & 4	G	L - R - D - LD - RD - DD	1 & 2	-	132/200/250/280/315	344	
ALL	V	2 & 3 & 4	G	L - R - D - LD - RD - DD	1 & 2	TK	132/200/250/280/315	348	
ALL	VJ	3	GJ	LJ - RJ - DJ - LD - RD - DD	1 & 2	-	160/180/225/315	353	
ALL	VJ	3	GJ	LJ - RJ - DJ - LD - RD - DD	1 & 2	TK	160/180/225/315	356	
ALL	VJ	3	GJ	LJ - RJ - DJ - LD - RD - DD	1 & 2	-	200/250/280	360	

HDO 100 ... HDO 140

Gearbox size <i>Taglia riduttore</i> Tamaño del motorre- ductor Taille du réducteur Getriebegröße	AXIS ASSE EJE AXE ACHSE	Stages Stadi Etapas Étages Stufen	Type Tipo Tipo Type Typ	Shaft arrangement <i>Disposizione alberi</i> Disposición del eje <i>Disposition d'arbre</i> Anordnung der Wellen	Execution <i>Esecuzione</i> Ejecución <i>Exécution</i> Ausführung	Options <i>Opzioni</i> Opciones <i>Options</i> Optionen	Input frame size <i>Taglie telaio ingresso</i> Entrada tamaño de bastidor Taille de châssis entrée Eingangsbaugröße	Page no <i>Pagina n.º</i> Página n.º Page n.º Seite Nr.	
ALL	VJ	3	GJ	LJ - RJ - DJ - LD - RD - DD	1 & 2	TK	200/250/280	363	
100 / 110 / 120 / 125	V	2 & 3 & 4	NG	L - R - D	1 & 2		N 180/210	367	
ALL	V	2 & 3 & 4	NG	L - R - D	1 & 2		N 250/280/320/360/400/440	371	
ALL	VJ	3	NG	LJ - RJ - DJ	1 & 2		N 250/280/320/360/400/440	376	
ALL	V	2 & 3 & 4	VP	L - R - D - LD - RD - DD	1 & 2	FAN	-	380	
ALL	V	2 & 3 & 4	VP	L - R - D - LD - RD - DD	1 & 2	FAN, TK	-	384	
ALL	VJ	3	VP	LJ - RJ - DJ - LD - RD - DD	1 & 2	FAN	-	389	
ALL	VJ	3	VP	LJ - RJ - DJ - LD - RD - DD	1 & 2	FAN, TK	-	392	
100	3	2	VP	L - R - D	1	A	-	396	
100	3	2	VP	L - R - D	2	A	-	397	
110 / 120 / 125	3	2	VP	L - R - D	1	A	-	399	
110 / 120 / 125	3	2	VP	L - R - D	2	A	-	400	
130 & 140	3	2	VP	L - R - D	1	A	-	402	
130 & 140	3	2	VP	L - R - D	2	A	-	403	
100 / 110 / 120 / 125	2 & 1	3 & 4	VP	L - R - D	1	A	-	405	
100 / 110 / 120 / 125	2 & 1	3 & 4	-	L - R - D	2	A	-	406	
130 & 140	2	3	-	L - R - D	1	A	-	408	
130 & 140	2	3	-	L - R - D	2	A	-	409	
130 & 140	1	4	-	L - R - D	1	A	-	411	
130 & 140	1	4	-	L - R - D	2	A	-	412	
ALL	-	2 & 3 & 4	TORQUE ARM						414
ALL	4	2 & 3 & 4	OILSEAL						416
ALL	V	2 & 3 & 4	OILSEAL						417
ALL	V	2 & 3 & 4	OILSEAL			TK	-	418	
ALL	V	2 & 3 & 4	NG	KEY			-	420	
ALL	-	2 & 3 & 4	PLUGS					422	
ALL	-	2 & 3 & 4	DBF					426	
ALL	ALL		BEARING POSITION					428	




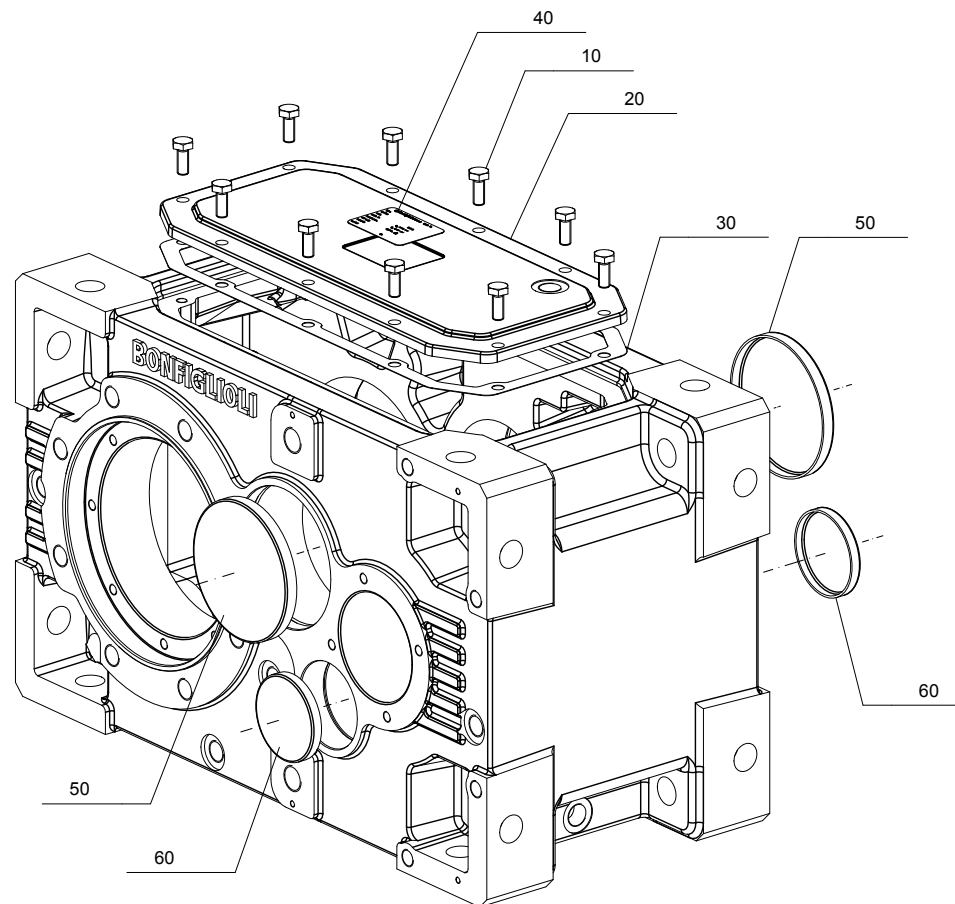
Stages / Stadi Etapas / Étages / Stufen	AXIS / ASSE / EJE / AXE / ACHSE			
	Input / Ingresso / Entrada / Entrée / Eingang	-	-	Output / Uscita / Salida / Sortie / Ausgang
3	V	2	3	4
2	V	-	3	4

HDP 60 ... HDP 90

Size / Taglia / Tamaño Taille / Größe	ALL
Stages / Stadi / Etapas Étages / Stufen	2 & 3
Type / Tipo / Tipo Type / Typ	COMMON

HDP 60 ... 90

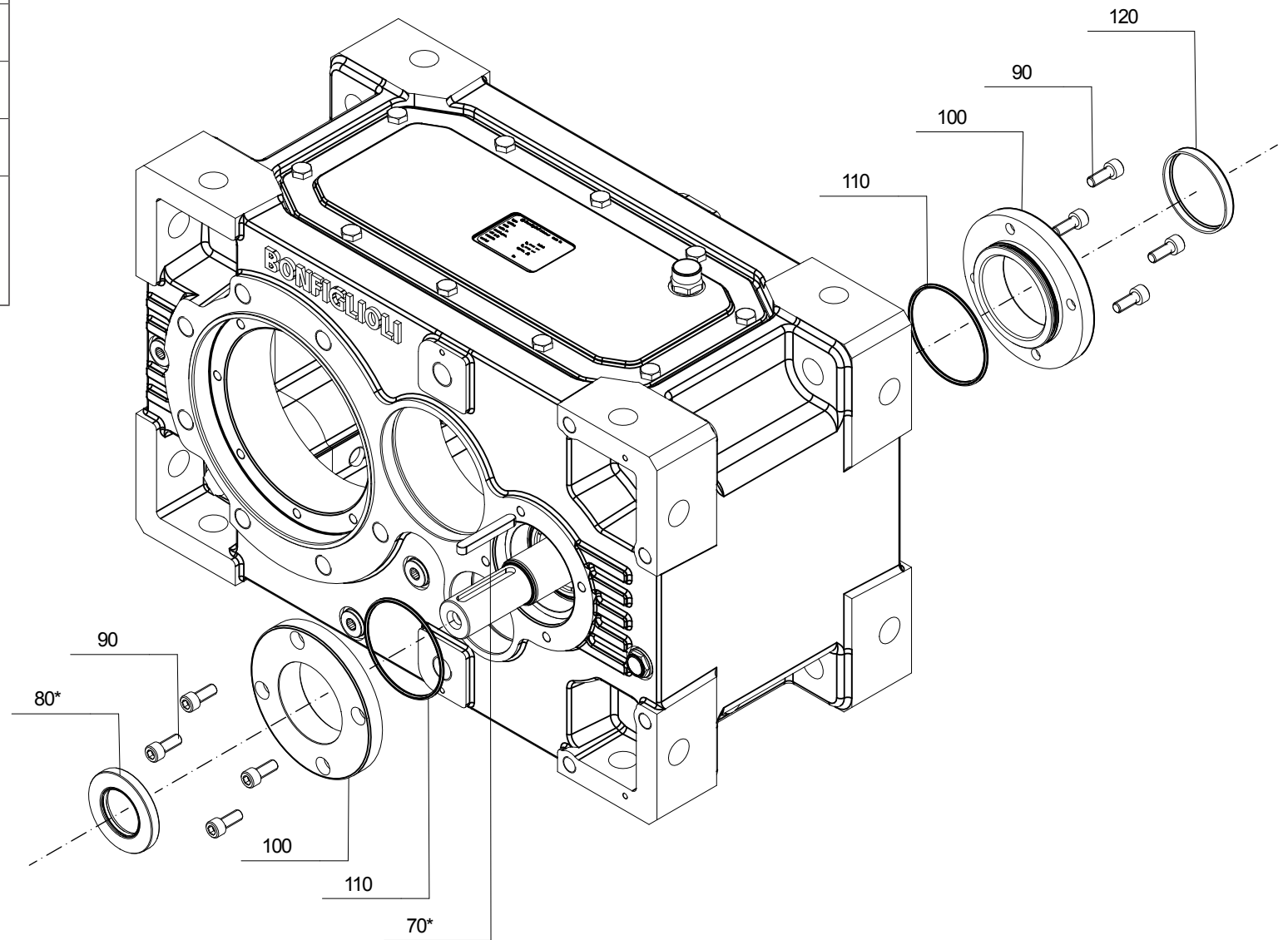
	
	10
HDP 60-90	M10X25



Pos	Description	Descrizione	Descripción	Description	Beschreibung
10	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
20	PLAIN COVER	COPERCHIO CHIU	TAPA DE CIERRE	COUV.FERMETURE	SCHLUßDECKEL
30	COVER GASKET	GUARN COPER	JUNTA TAPA	JOINT D'ET. COUVERCLE	DECKELDICHTUNG
40	NAME PLATE	TARG VUOTA	TARJETA VIRGEN	PLAQUE VIDE	TYPENSCHILD
50	RUBBER CAP	CAPPEL GOMMA	SOMBRER. /GOMA	CAP.CAOUTCHOUC	GUMMIDECKEL
60	RUBBER CAP	CAPPEL GOMMA	SOMBRER. /GOMA	CAP.CAOUTCHOUC	GUMMIDECKEL

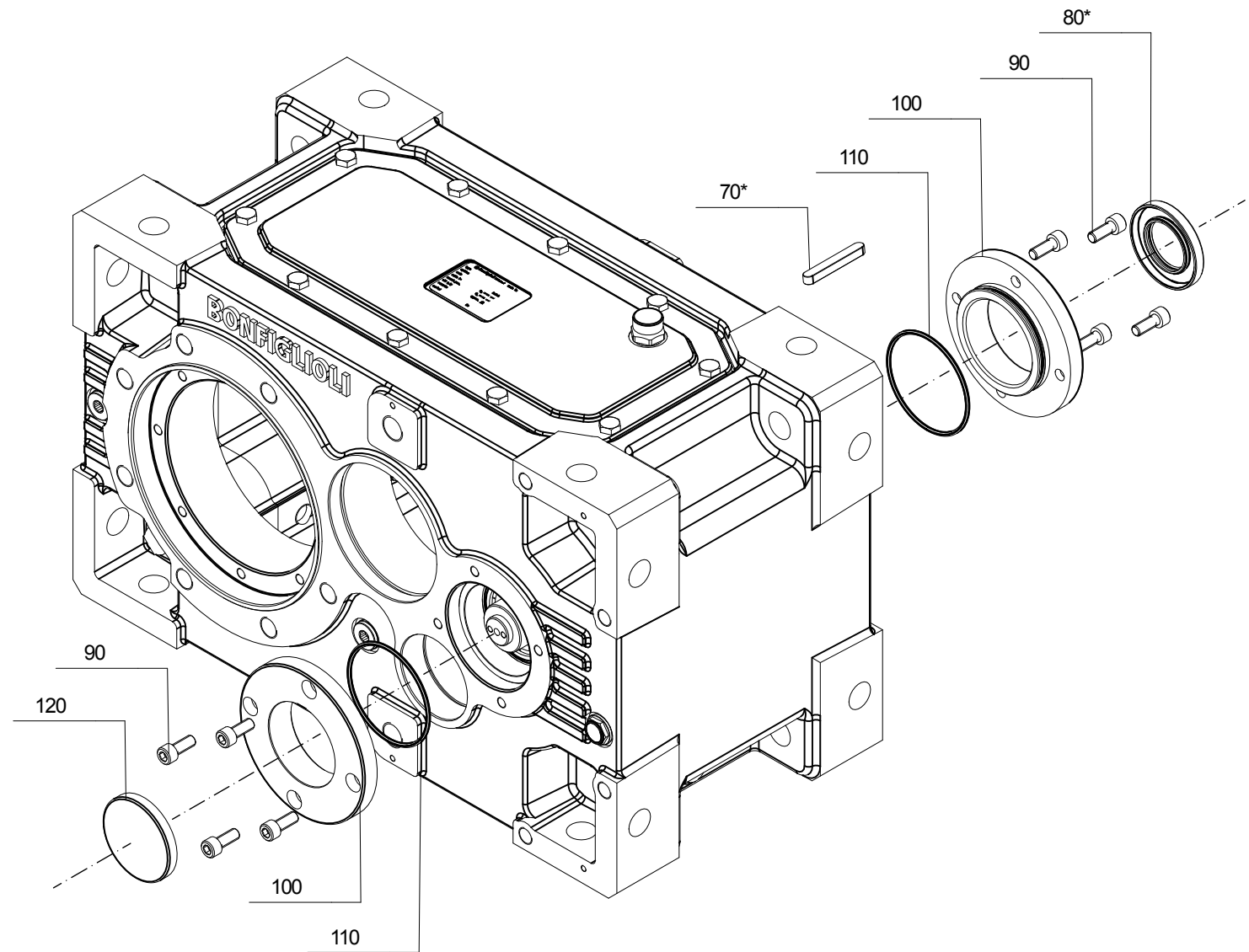
HDP 60 ... HDP 90

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LL - RL - DL



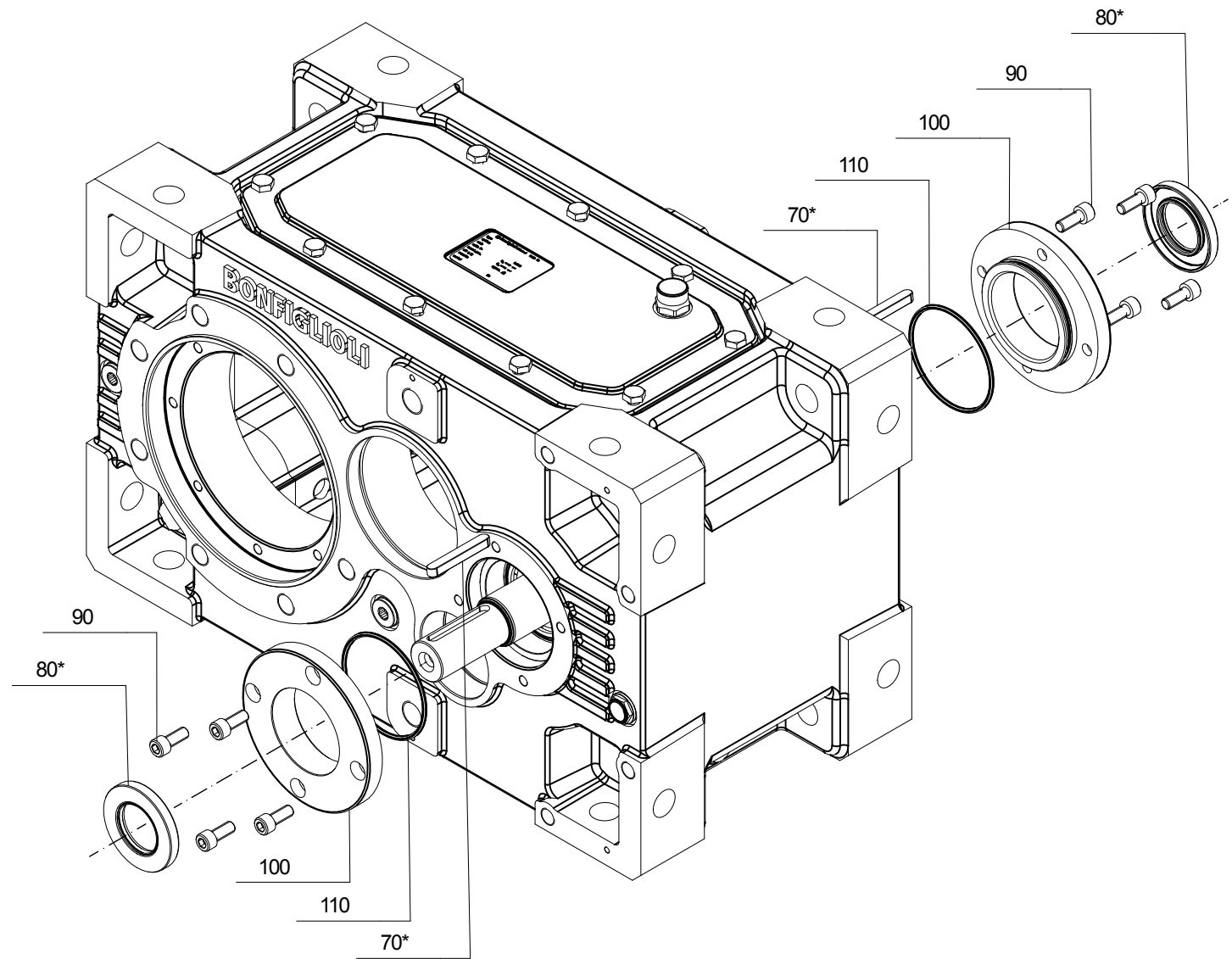
HDP 60 ... HDP 90

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LR - RR - DR





HDP 60 ... HDP 90

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LD - RD - DD



HDP 60 ... HDP 90

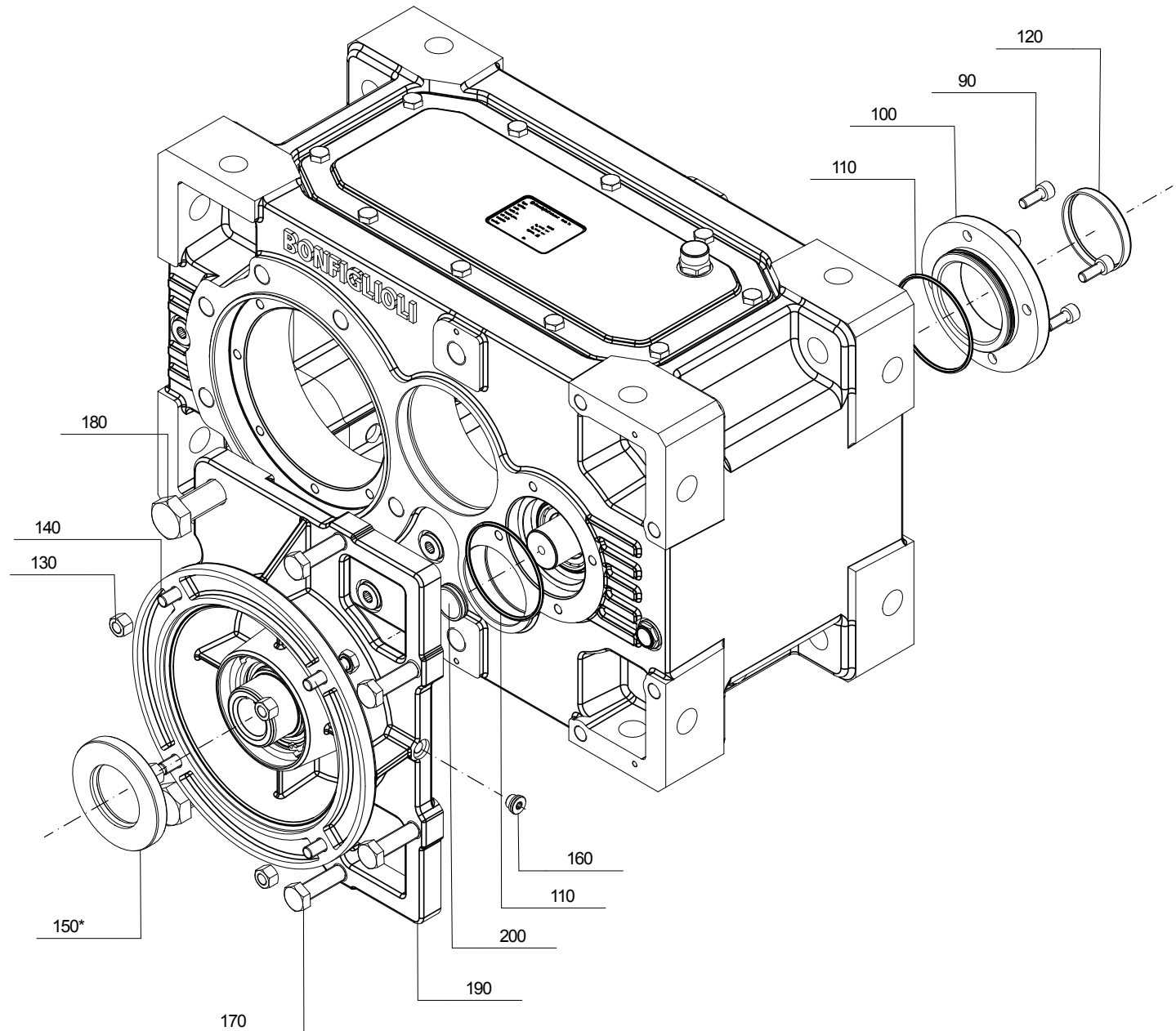
Pos	Description	Descrizione	Descripción	Description	Beschreibung
70*	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
80*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
90	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEISCHRAUBE
100	OPEN CAP	CAPPEL APERTO	SOMBRETERE ABIERTO	CAPUCHON OUVERT	OFFENE DECKEL
110	ORING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT ORING	ORING GASKET
120	RUBBER CAP	CAPPEL GOMMA	SOMBRETER. /GOMA	CAP.CAOUTCHOUC	GUMMIDECKEL

	 90	 OR 110
HDP 60	M8X22	73.03X3.53
HDP 70	M8X22	73.03X3.53
HDP 80	M10X25	91.67X3.53
HDP 90	M12X30	104.37X3.53

NOTE: 70* & 80* refer pages no: 45 & 44 / NOTA: 70* e 80* vedere pagine n°: 45 e 44 / NOTAS: 70* y 80* consultar páginas n.º: 45 y 44
 NOTE : 70* et 80* se référer aux pages n° : 45 et 44 / HINWEIS: 70* und 80* siehe Seiten: 45 und 44

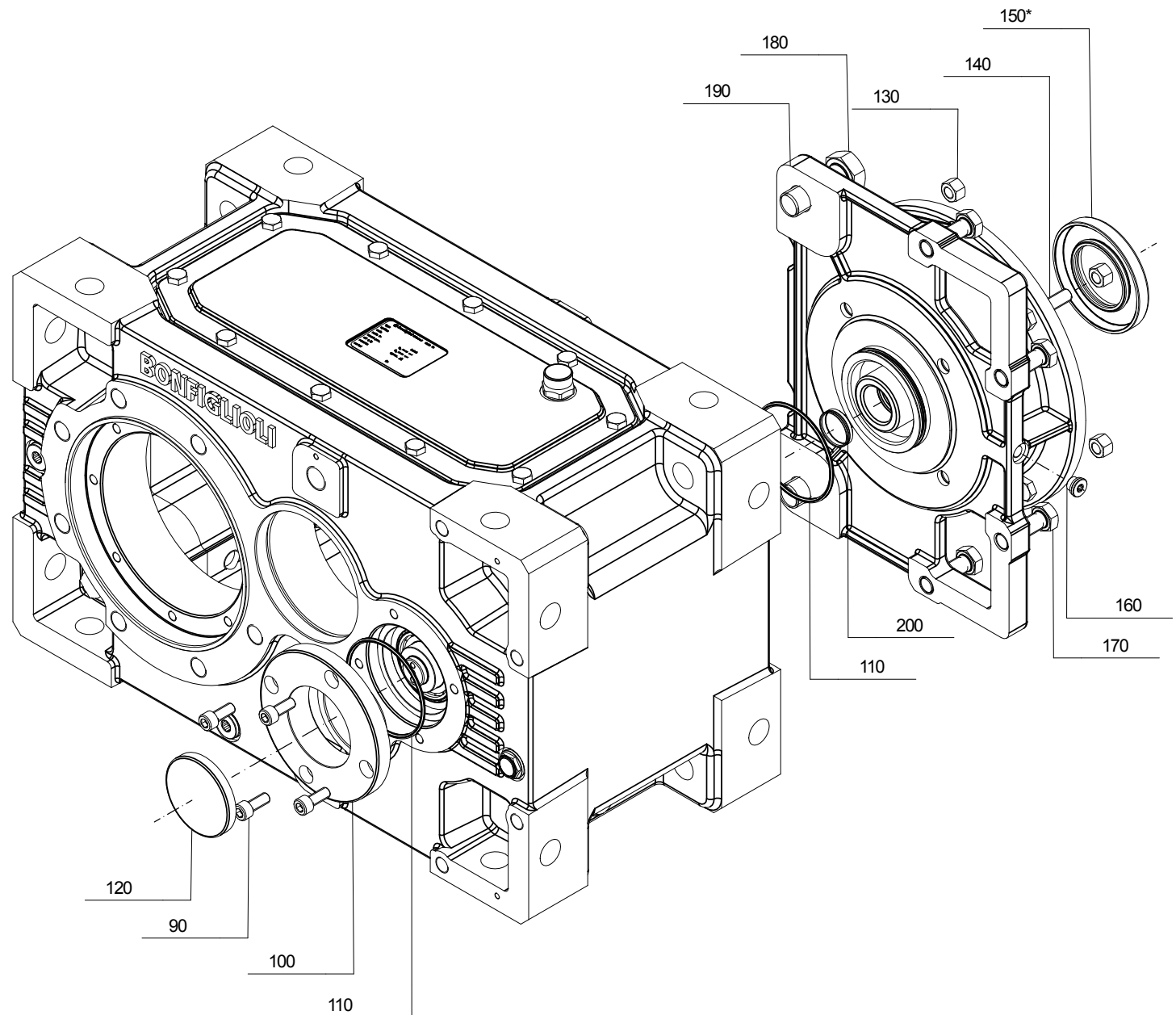
HDP 60 ... HDP 90

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LL - RL - DL
Option / Opzione / Opción Option / Option	AD







HDP 60 ... HDP 90

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LR - RR - DR
Option / Opzione / Opción Option / Option	AD



HDP 60 ... HDP 90

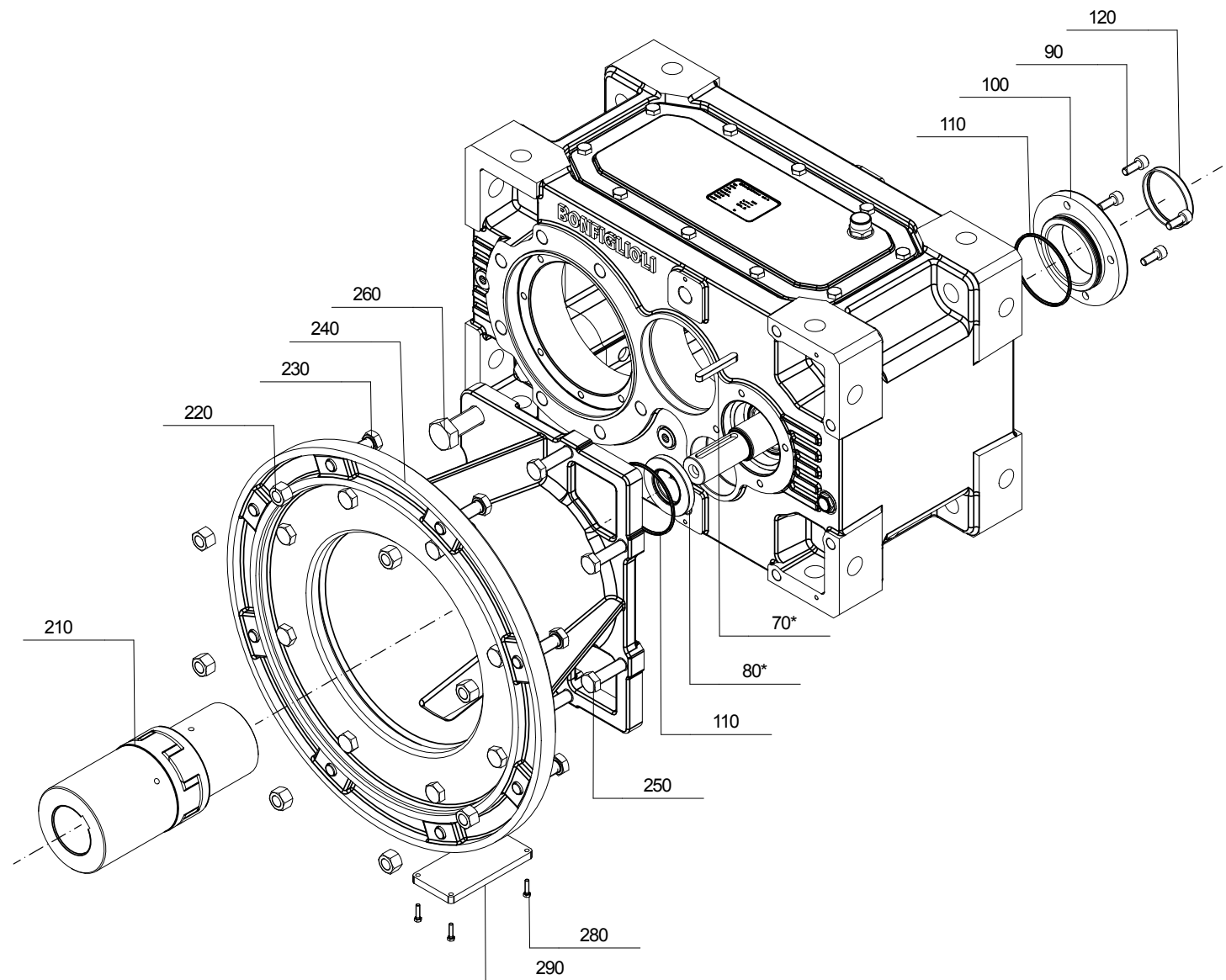
Pos	Description	Descrizione	Descripción	Description	Beschreibung
90	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEISCHRAUBE
100	OPEN CAP	CAPPEL APERTO	SOMBRETERE ABIERTO	CAPUCHON OUVERT	OFFENE DECKEL
110	ORING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT ORING	ORING GASKET
120	RUBBER CAP	CAPPEL GOMMA	SOMBRETERE /GOMA	CAP.CAOUTCHOUC	GUMMIDECKEL
130	LARGE NUT	DADO ALTO	TUERCA	ECROU HAUT	HOCHMUTTER
140	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
150*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
160	FILL.DRAIN PLUG	TAPPO CAR/SCARICO	TAPON CARGA	FILL.DRAIN PLUG	OLSTOPFEN
170	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
180	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
190	MOTOR FLANGE	FLANGIA PAM	BRIDA ACOP.MOT	BRIDE MOTEUR	MOTORFLANSCH
200	CAPNUT	CAPPELLOTTO	SOMBRETERE	CAPUCHON	DECKEL

										
	90	AD112132	AD160180	AD112	AD132	AD160180	AD200	170	180	OR
	90	130		140				170	180	110
HDP 60	M8X22	M12	M16	M12X45	M12X50	M16X60	-	M16X40	-	73.03X3.53
HDP 70	M8X22	M12	M16	M12X45	M12X50	M16X60	M16X40	M16X40	-	73.03X3.53
HDP 80	M10X25	M12	M16	-	M12X50	M16X60	M16X35	M24X65	M16X55	91.67X3.53
HDP 90	M12X30	M16	M16	-	-	M16X60	M16X35	M27X65	M16X50	104.37X3.53

NOTE: 150* refer page no: 45 / NOTA: 150* vedere pagina n°: 45 / NOTAS: 150* consultar página n.º: 45
 NOTE : 150* se référer à la page n° : 45 / HINWEIS: 150* siehe Seite: 45 / HINWEIS: 150*

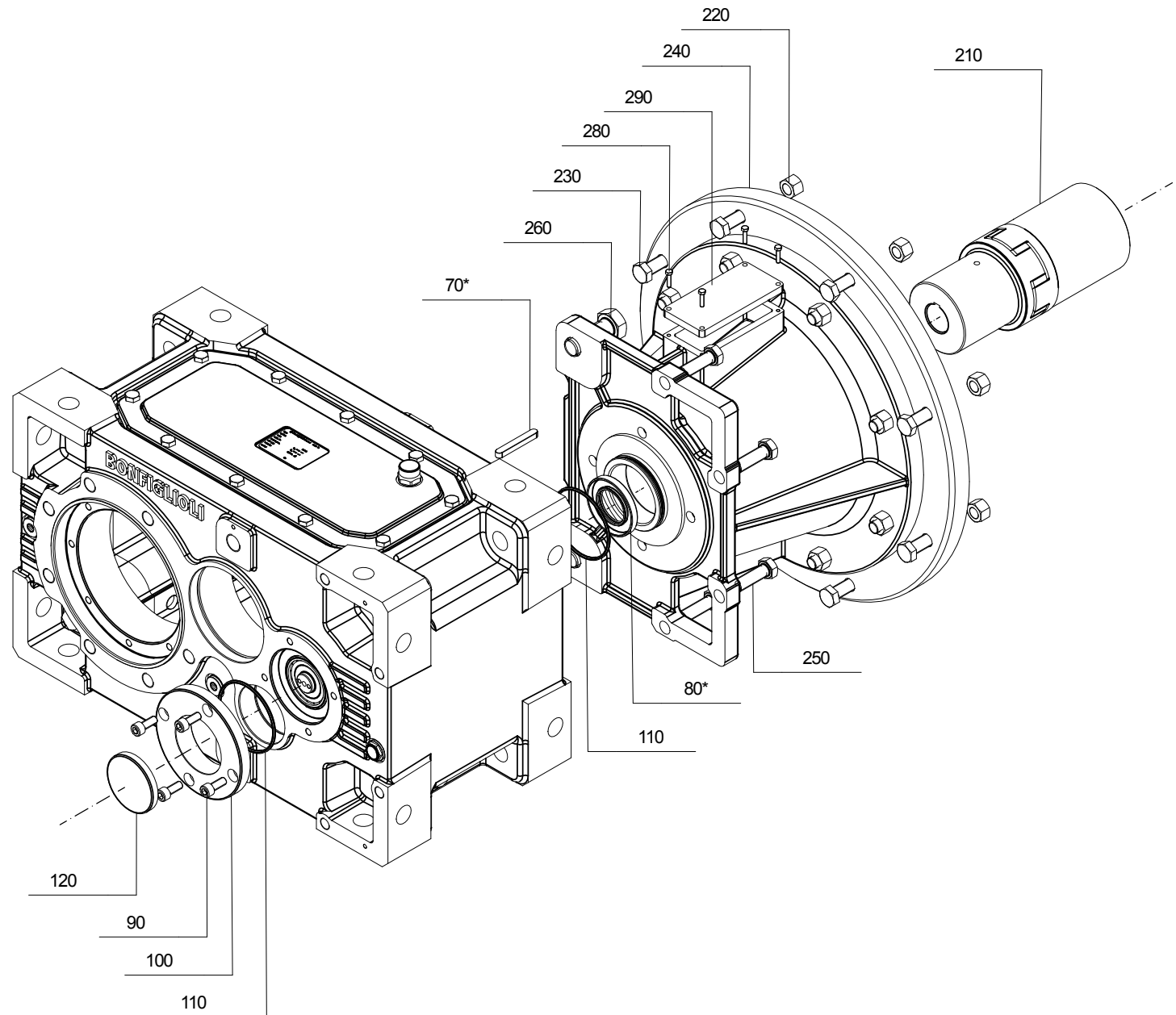
HDP 60 ... HDP 90

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LL - RL - DL
Option / Opzione / Opción Option / Option	GL







HDP 60 ... HDP 90

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LR - RR - DR
Option / Opzione / Opción Option / Option	GR



HDP 60 ... HDP 90

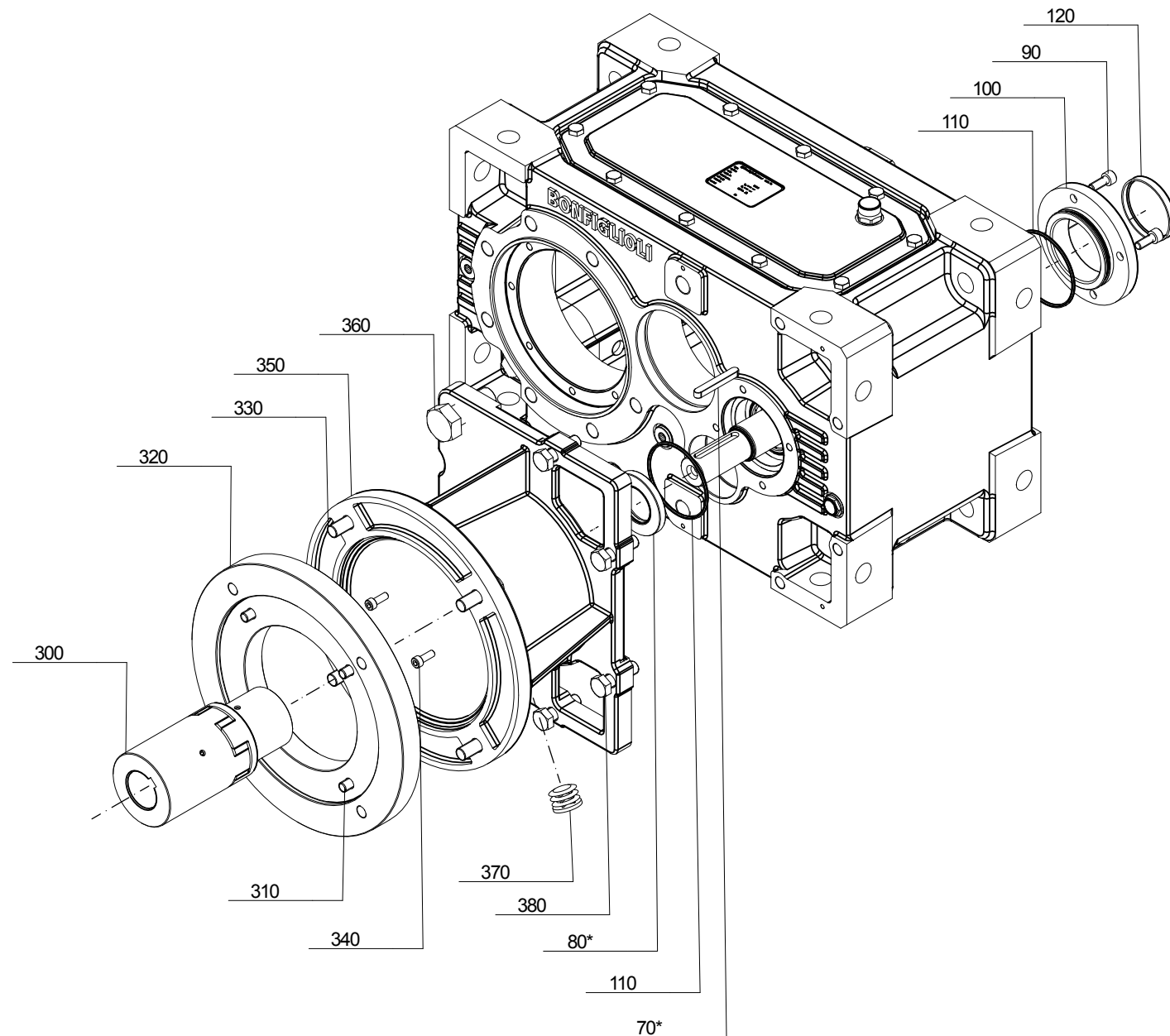
Pos	Description	Descrizione	Descripción	Description	Beschreibung
70*	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
80*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
90	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEISCHRAUBE
100	OPEN CAP	CAPPEL APERTO	SOMBRETERE ABIERTO	CAPUCHON OUVERT	OFFENE DECKEL
110	ORING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT ORING	ORING GASKET
120	RUBBER CAP	CAPPEL GOMMA	SOMBRETERE /GOMA	CAP.CAOUTCHOUC	GUMMIDECKEL
210	COUPLING	GIUNTO COMPLETO	ACOPL.COMPLETO	JOINT COMPLET	KOMPL.KUPPLUNG
220	LARGE NUT	DADO ALTO	TUERCA	ECROU HAUT	HOCHMUTTER
230	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
240	MOTOR FLANGE	FLANGIA PAM	BRIDA ACOP.MOT	BRIDE MOTEUR	MOTORFLANSCH
250	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
260	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
280	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
290	PLAIN COVER	COPERCHIO CHIU	TAPA DE CIERRE	COUV.FERMETURE	SCHLUSSDECKEL

									 OR		
		GL-132	GL-160-180	GL-200	GL-225	GL-250-280					
	90	230				250	260	280	110	220	
HDP 60	M8X22	M12X50	M16X60	M16X40	M16X60	-	-	-	-	73.03X3.53	M12 (GL-132) M16
HDP 70	M8X22	M12X50	M16X60	M16X35	M16X60	-	-	-	-	73.03X3.53	M16
HDP 80	M10X25	-	M16X60	M16X35	M16X60	M16X70	M24X65	M16X50	M5X20	91.67X3.53	M16
HDP 90	M12X30	-	M16X60	M16X35	M16X60	M16X70	M24X65	M16X50	M5X20	104.37X3.53	M16

NOTE: 70* & 80* refer pages no: 45 & 44 / NOTA: 70* e 80* vedere pagine n°: 45 e 44 / NOTAS: 70* y 80* consultar páginas n.º: 45 y 44
 NOTE : 70* et 80* se référer aux pages n° : 45 et 44 / HINWEIS: 70* und 80* siehe Seiten: 45 und 44

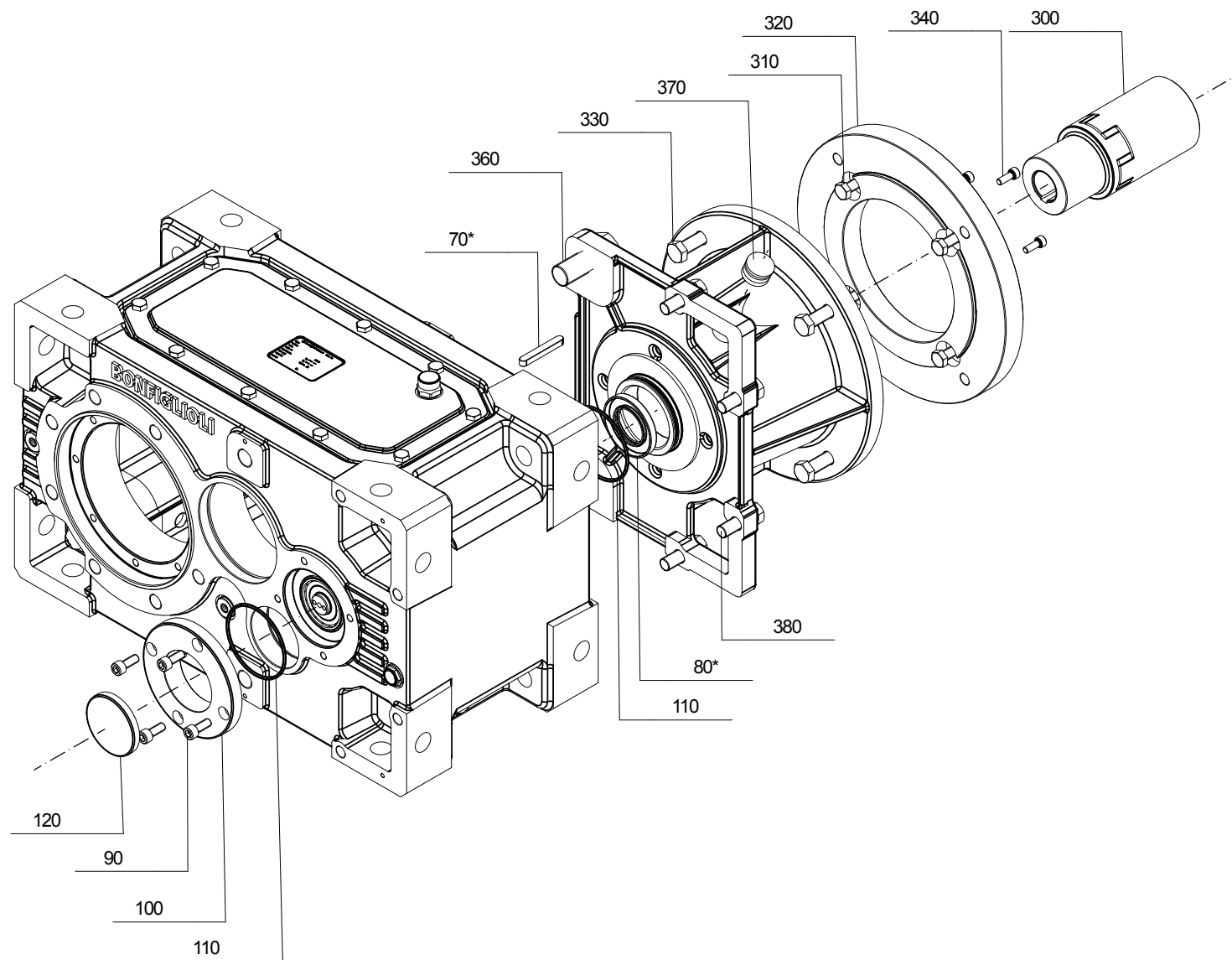
HDP 60 ... HDP 90

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LL - RL - DL
Option / Opzione / Opción Option / Option	NGL - 210, 250-280






HDP 60 ... HDP 90

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LR - RR - DR
Option / Opzione / Opción Option / Option	NGR - 210, 250-280



HDP 60 ... HDP 90

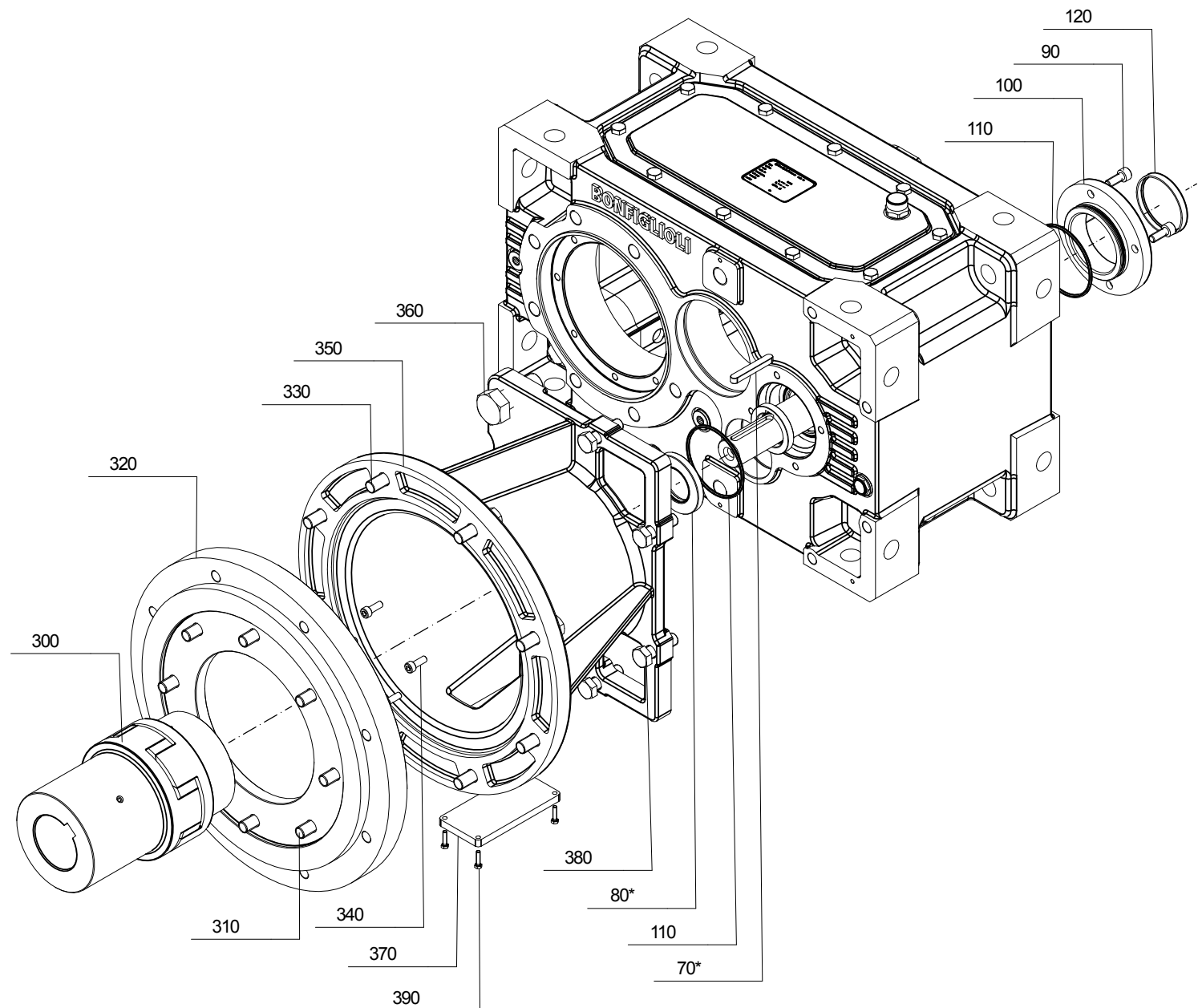
Pos	Description	Descrizione	Descripción	Description	Beschreibung
70*	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
80*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
90	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEISCHRAUBE
100	OPEN CAP	CAPPEL APERTO	SOMBRETERE ABIERTO	CAPUCHON OUVERT	OFFENE DECKEL
110	ORING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT ORING	ORING GASKET
120	RUBBER CAP	CAPPEL GOMMA	SOMBRETERE /GOMA	CAP.CAOUTCHOUC	GUMMIDECKEL
300	COUPLING	GIUNTO	ACOPL	JOINT	KOMPL.KUPPLUNG
310	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEISCHRAUBE
320	CONNECT.FLANGE	FLANGIA COLLEG	BRIDA DE UNION	BRIDE ASSEMBL	FLANSCH
330	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
340	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEISCHRAUBE
350	MOTOR BELL	CAMPANA PAM	CAMPANA	CLOCHE	MOTORGLOCKE
360	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
370	PLASTIC OIL PLUG	TAPPO PLASTICA	TAPON DE PLASTICO	BOUCHON PLASTIQUE	PLASTICKSTOPFEN
380	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE

				 OR					
	90	310	340	110	NG-210	NG-250	NG-280	360	380
HDP 60	M8X22	1/2-13X1-1/4 UNC	M8X22	73.03X3.53	M12X40	M16X45	M16X50	M16X40	-
HDP 70	M8X22	1/2-13X1-1/4 UNC	M8X22	73.03X3.53	M12X40	M16X45	M16X50	M16X40	-
HDP 80	M10X25	1/2-13X1-1/4 UNC	M8X22	91.67X3.53	-	M16X45	M16X50	M24X65	M16X50
HDP 90	M12X30	1/2-13X1-1/4 UNC	M8X22	104.37X3.53	-	M16X45	M16X50	M27X65	M16X50

NOTE: 70* & 80* refer pages no: 45 & 44 / NOTA: 70* e 80* vedere pagine n°: 45 e 44 / NOTAS: 70* y 80* consultar páginas n.º: 45 y 44
 NOTE : 70* et 80* se référer aux pages n° : 45 et 44 / HINWEIS: 70* und 80* siehe Seiten: 45 und 44

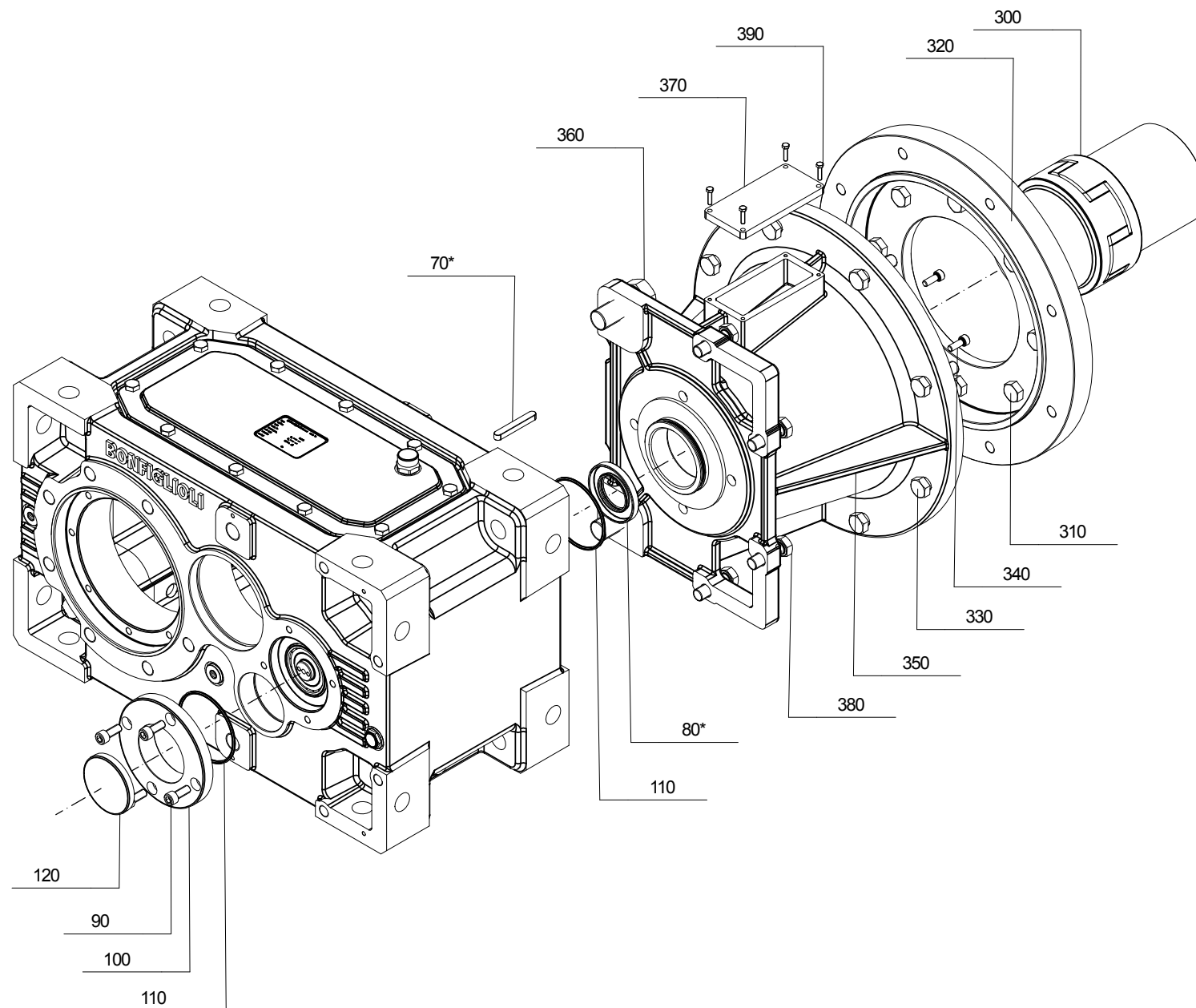
HDP 60 ... HDP 90

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LL - RL - DL
Option / Opzione / Opción Option / Option	NGL - 320, 360





HDP 60 ... HDP 90

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LR - RR - DR
Option / Opzione / Opción Option / Option	NGR - 320, 360



HDP 60 ... HDP 90

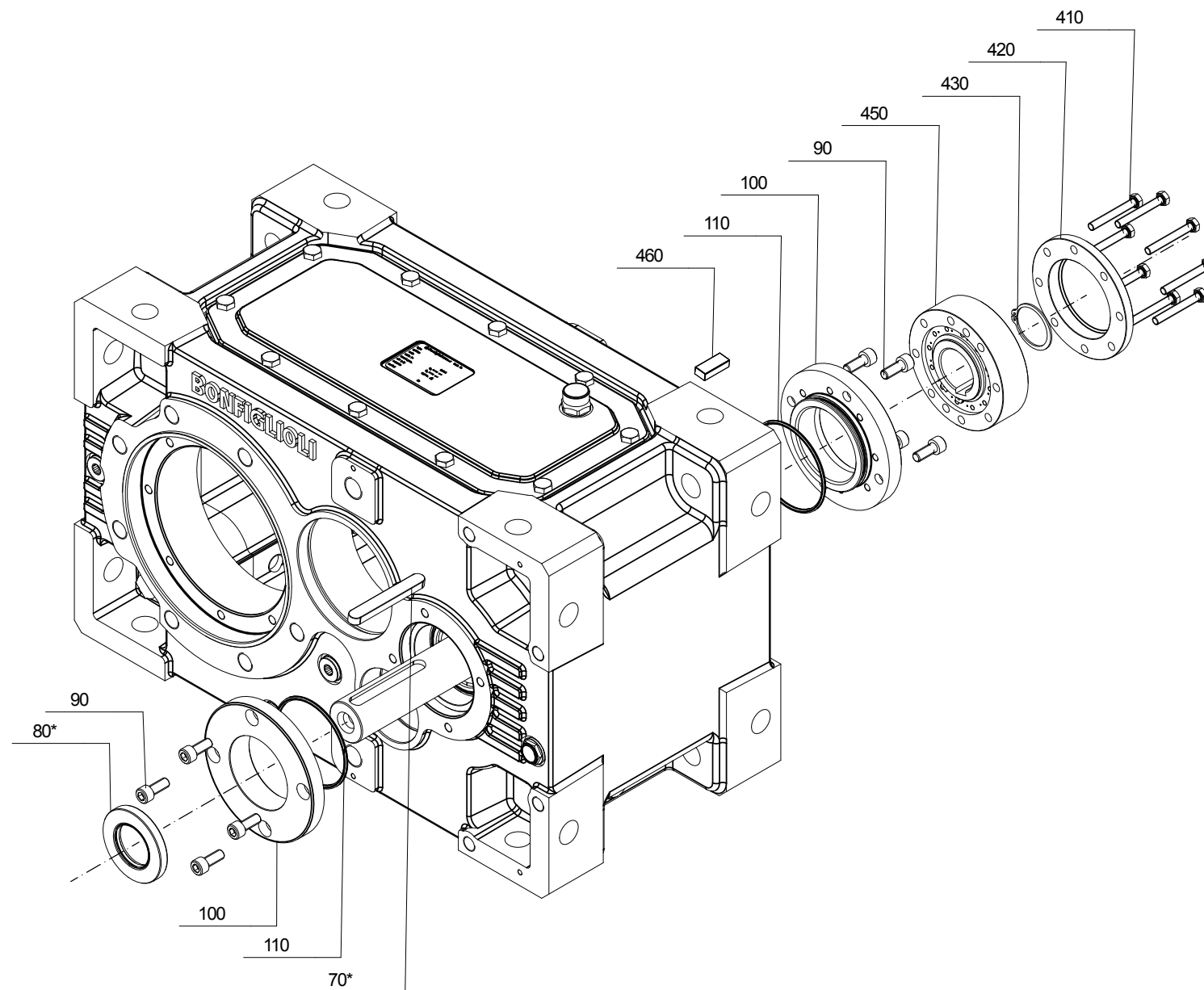
Pos	Description	Descrizione	Descripción	Description	Beschreibung
70*	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
80*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
90	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEISCHRAUBE
100	OPEN CAP	CAPPEL APERTO	SOMBRETERE ABIERTO	CAPUCHON OUVERT	OFFENE DECKEL
110	ORING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT ORING	ORING GASKET
120	RUBBER CAP	CAPPEL GOMMA	SOMBRETER. /GOMA	CAP.CAOUTCHOUC	GUMMIDECKEL
300	COUPLING	GIUNTO	ACOPL	JOINT	KOMPL.KUPPLUNG
310	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEISCHRAUBE
320	CONNECT.FLANGE	FLANGIA COLLEG	BRIDA DE UNION	BRIDE ASSEMBL	FLANSCH
330	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
340	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEISCHRAUBE
350	MOTOR BELL	CAMPANA PAM	CAMPANA	CLOCHE	MOTORGLOCKE
360	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
370	PLASTIC OIL PLUG	TAPPO PLASTICA	TAPON DE PLASTICO	BOUCHON PLASTIQUE	PLASTICKSTOPFEN
380	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
390	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE

				OR				
	90	310	340	110	330	390	360	380
HDP 60	M8X22	5/8-11X1-1/2 UNC	M8X22	73.03X3.53	M16X55	M5X20	M16X40	-
HDP 70	M8X22	5/8-11X1-1/2 UNC	M8X22	73.03X3.53	M16X55	M5X20	M16X40	-
HDP 80	M10X25	5/8-11X1-1/2 UNC	-	91.67X3.53	M16X55	M5X20	M24X65	M16X50
HDP 90	M12X30	5/8-11X1-1/2 UNC	-	104.37X3.53	M16X55	M5X20	M27X65	M16X50

NOTE: 70* & 80* refer pages no: 45 & 44 / NOTA: 70* e 80* vedere pagine n°: 45 e 44 / NOTAS: 70* y 80* consultar páginas n.º: 45 y 44
 NOTE : 70* et 80* se référer aux pages n° : 45 et 44 / HINWEIS: 70* und 80* siehe Seiten: 45 und 44

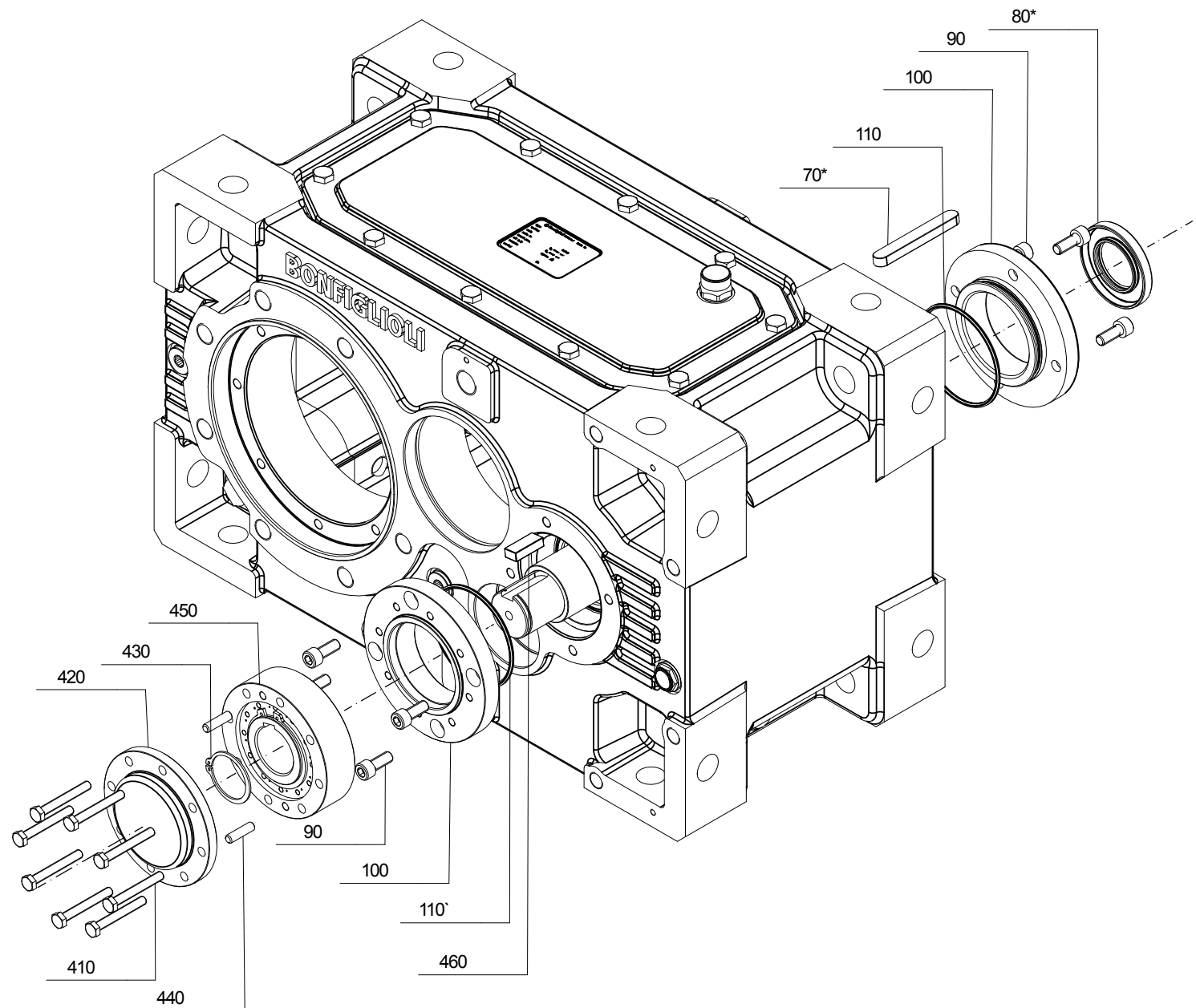
HDP 60 ... HDP 90

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LL - RL - DL
Option / Opzione / Opción Option / Option	A (BACKSTOP)









HDP 60 ... HDP 90

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LR - RR - DR
Option / Opzione / Opción Option / Option	A (BACKSTOP)



HDP 60 ... HDP 90

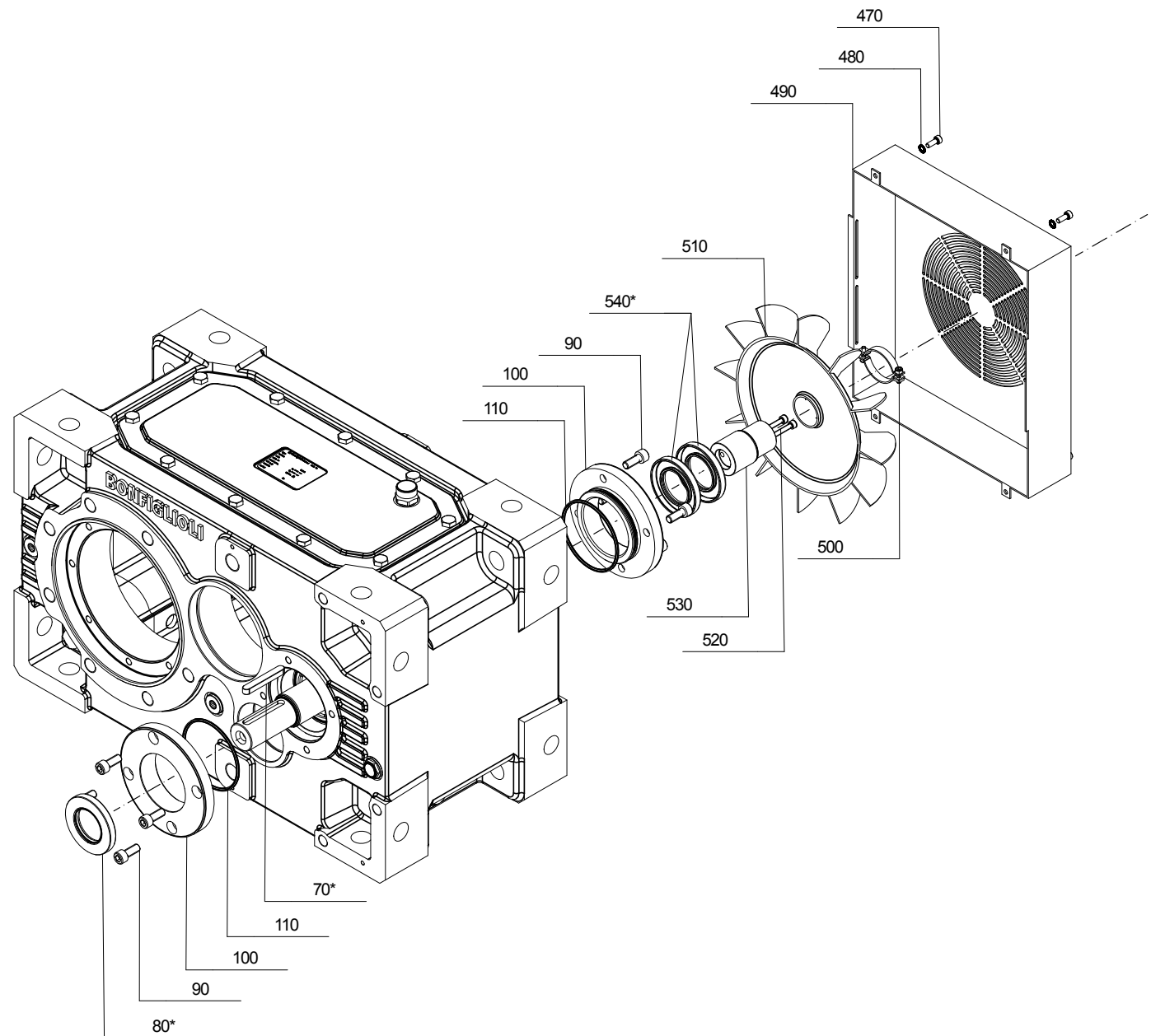
Pos	Description	Descrizione	Descripción	Description	Beschreibung
70*	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
80*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
90	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEISCHRAUBE
100	OPEN CAP	CAPPEL APERTO	SOMBRETERE ABIERTO	CAPUCHON OUVERT	OFFENE DECKEL
110	ORING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT ORING	ORING GASKET
410	T.E SCREW	VITE T.E.PARZ.FIL	TORNILLO T.E.	VIS T.H.PART.FIL.	T.E.SCHRAUBE
420	PLAIN COVER	COPERCHIO CHIU	TAPA DE CIERRE	COUV.FERMETURE	SCHLUßDECKEL
430	SHAFT CIRCLIP	AN. ELASTICOALBERO	AN. ELASTICOEJE	BAGUE ELAST. ARBRE	SEEGERRING WELLE
440	PARALLEL PIN	SPINA CILINDRICA	PASADOR CILINDR	GOUPILLE CYLINDR	ZYLINDERSTIFT
450	FREEWHEEL	RUOTA LIBERAANTIRETRO	RUEDA LIBREANTIRETOR	ANTIDEVIREUR	RÜCKLAUFFREIS RAD
460	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER

		 OR					
	90	100	410	430	440	460	RATIO
HDP 60	M8X22	73.03X3.53	M8X55	40	M8X30	12X8X32 B	7.1-8.0-9.0-10.1-11.2-12.5-13.5-15.2
			M6X55	30x1.5		8X7X35 B	17.3-19.4 -22.7-25.5-28.2-31.7-34.2-38.5-43.7-49.1-56.6-63.6-68.6-77.1-87.6-98.4
HDP 70	M8X22	73.03X3.53	M8X55	30x1.5	M8X30	8X7X35 B	8.0-9.3-10.1-11.7-12.6-14.6-15.2-17.7
			M6X55	40		12X8X32 B	19.4-22.6-25.5-29.6-31.7-36.9-38.5-44.7-49.1-57.0-63.7-73.9-77.2-89.6-98.5-114.4
HDP 80	M10X25	91.67X3.53	M8X60	45	-	14X9X34 B	2STAGE
						10X8X35 B	3STAGE
HDP 90	M12X30	104.37X3.53	M8X65	50X2	-	14X9X39 B	7.9-8.8-10.1-11.2-12.2-13.6-15.8-17.6-20.1-22.4
			M8X55	40		12X8X32 B	25.4-28.3-32.9-36.6-40.0-44.6-51

NOTE: 70* & 80* refer pages no: 45 & 44 / NOTA: 70* e 80* vedere pagine n°: 45 e 44 / NOTAS: 70* y 80* consultar páginas n.º: 45 y 44
 NOTE : 70* et 80* se référer aux pages n° : 45 et 44 / HINWEIS: 70* und 80* siehe Seiten: 45 und 44

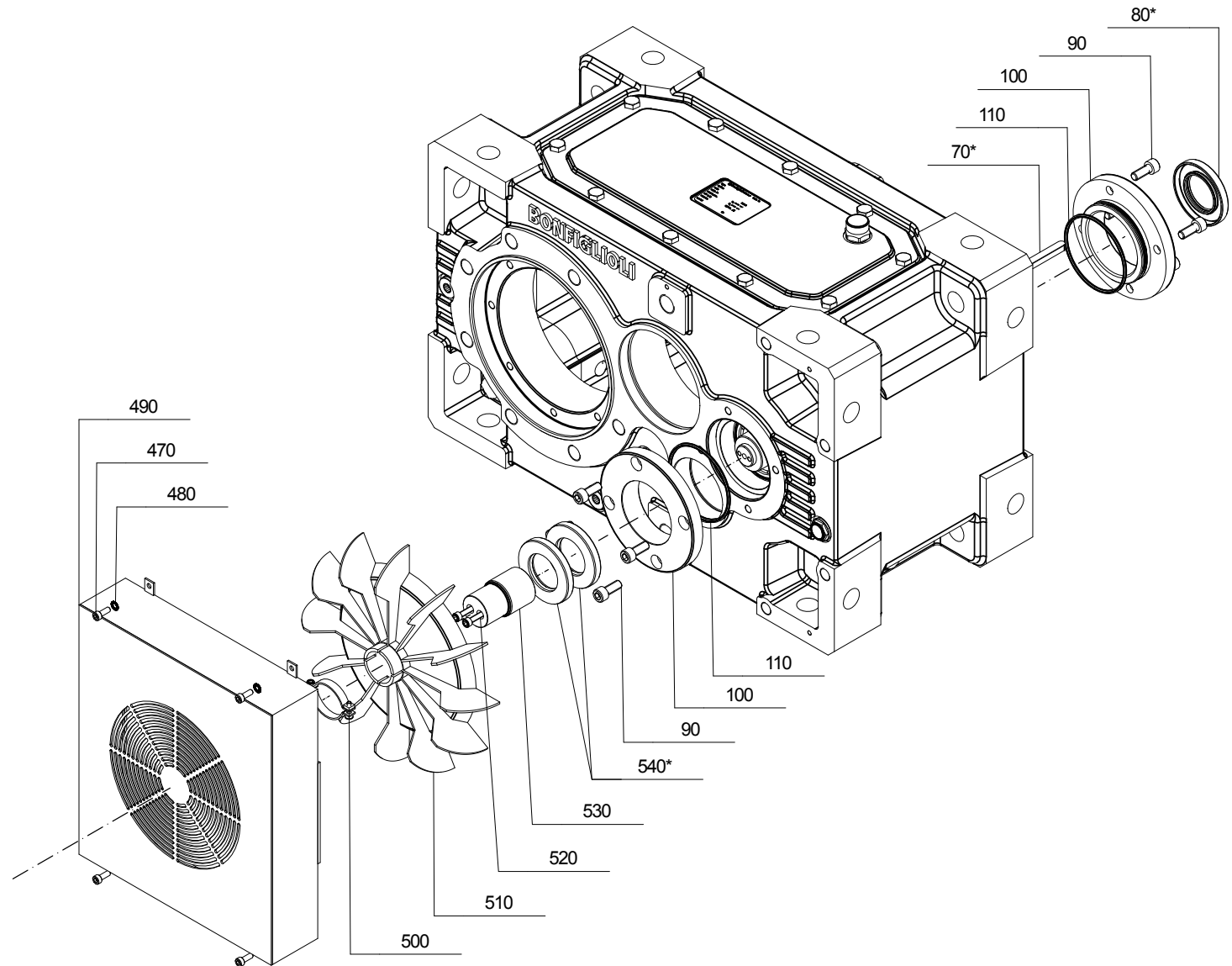
HDP 60 ... HDP 90

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LL - RL - DL
Option / Opzione / Opción Option / Option	FAN-R






HDP 60 ... HDP 90

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LR - RR - DR
Option / Opzione / Opción Option / Option	FAN-L



HDP 60 ... HDP 90

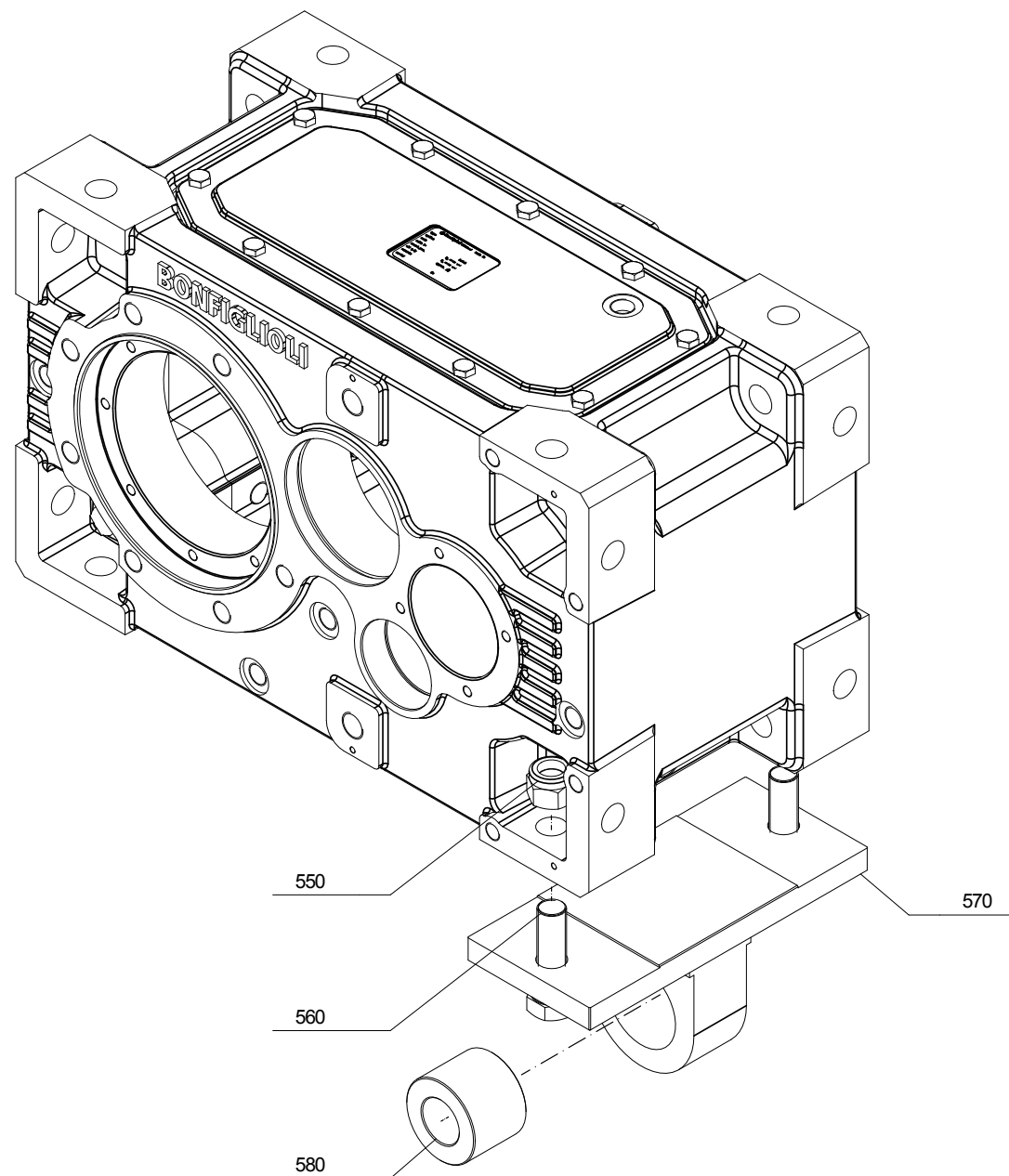
Pos	Description	Descrizione	Descripción	Description	Beschreibung
70*	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
80*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
90	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEISCHRAUBE
100	OPEN CAP	CAPPEL APERTO	SOMBRETERE ABIERTO	CAPUCHON OUVERT	OFFENE DECKEL
110	ORING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT ORING	ORING GASKET
470	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEISCHRAUBE
480	KNURLED WASHER	ROSETTA ZIGRINATA	ARANDELA PLANA GRANEADA	RONDELLE MOLETEE	GERANDELTE SCHEIBE
490	FAN COVER	COPRIVENT	TAPA VENTIL.	CACHE VENTILAT	LUFTERHAUBE
500	FAN CLAMP	FASCETTA	ABRAZADERA	COLLIER	LAUFRADSCHLEIFE
510	FAN	VENTOLA	VENTILADOR	VENTILATEUR	LÜFTERRAD
520	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEISCHRAUBE
530	TRAILING PIN	PERNO DI TRASCINAMENTO	PERNO DE ARRASTRE	PIVOT D'ENTRAINEMENT	HINTERER STIFT
540*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH

					 OR
	90	470	520	480	110
HDP 60	M8X22	M5X10	M6X70	5.3	73.03X3.53
HDP 70	M8X22	M5X10	M6X70	5.3	73.03X3.53
HDP 80	M10X25	M6X16	M6X70	6.4	91.67X3.53
HDP 90	M12X30	M6X16	M6X70	6.4	104.37X3.53

NOTE: 70* & 80* refer pages no: 45 & 44 / NOTA: 70* e 80* vedere pagine n°: 45 e 44 / NOTAS: 70* y 80* consultar páginas n.º: 45 y 44
 NOTE : 70* et 80* se référer aux pages n° : 45 et 44 / HINWEIS: 70* und 80* siehe Seiten: 45 und 44



HDP 60 ... HDP 90

Size / Taglia / Tamaño Taille / Größe	ALL
Option / Opzione / Opción Option / Option	TA



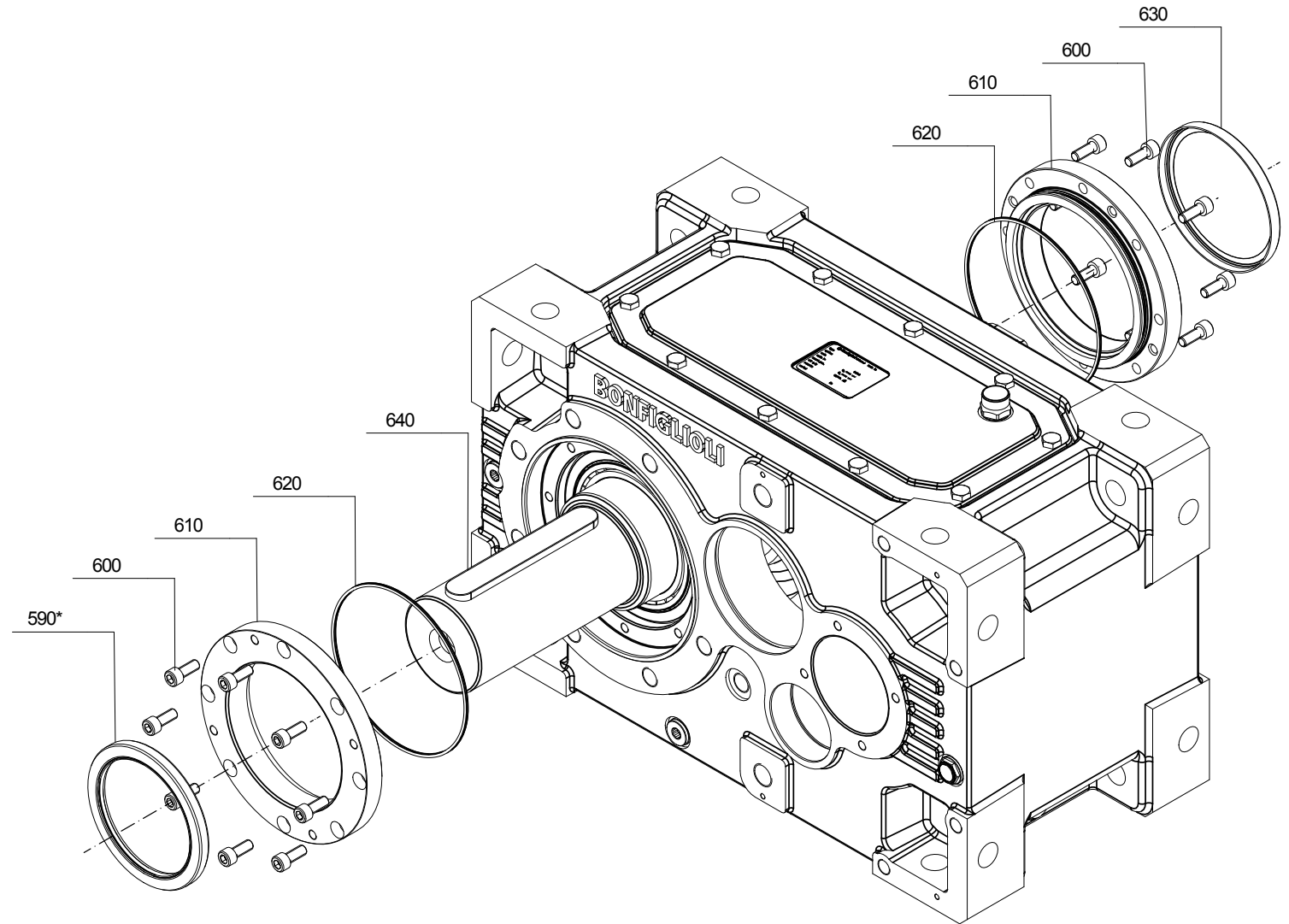
HDP 60 ... HDP 90

Pos	Description	Descrizione	Descripción	Description	Beschreibung
550	LOCKING NUT	DADO AUT	DADO	ECROU AUT.STD	NORMBREMSENMUTTER
560	T.E SCREW	VITE T.E.PARZ.FIL	TORNILLO T.E.	VIS T.H.PART.FIL.	T.E.SCHRAUBE
570	BRACKET	STAFFA	CARTELA	ETRIER	DREHMOMENTSTÜTZ
580	ANTIVIB.BUSHING	BOCC ANTIVIBR	CASQUILLO	MANCHON ANTIVIBR	DAMMBUCHSE

		
	480	110
HDP 60	5.3	73.03X3.53
HDP 70	5.3	73.03X3.53
HDP 80	6.4	91.67X3.53
HDP 90	6.4	104.37X3.53

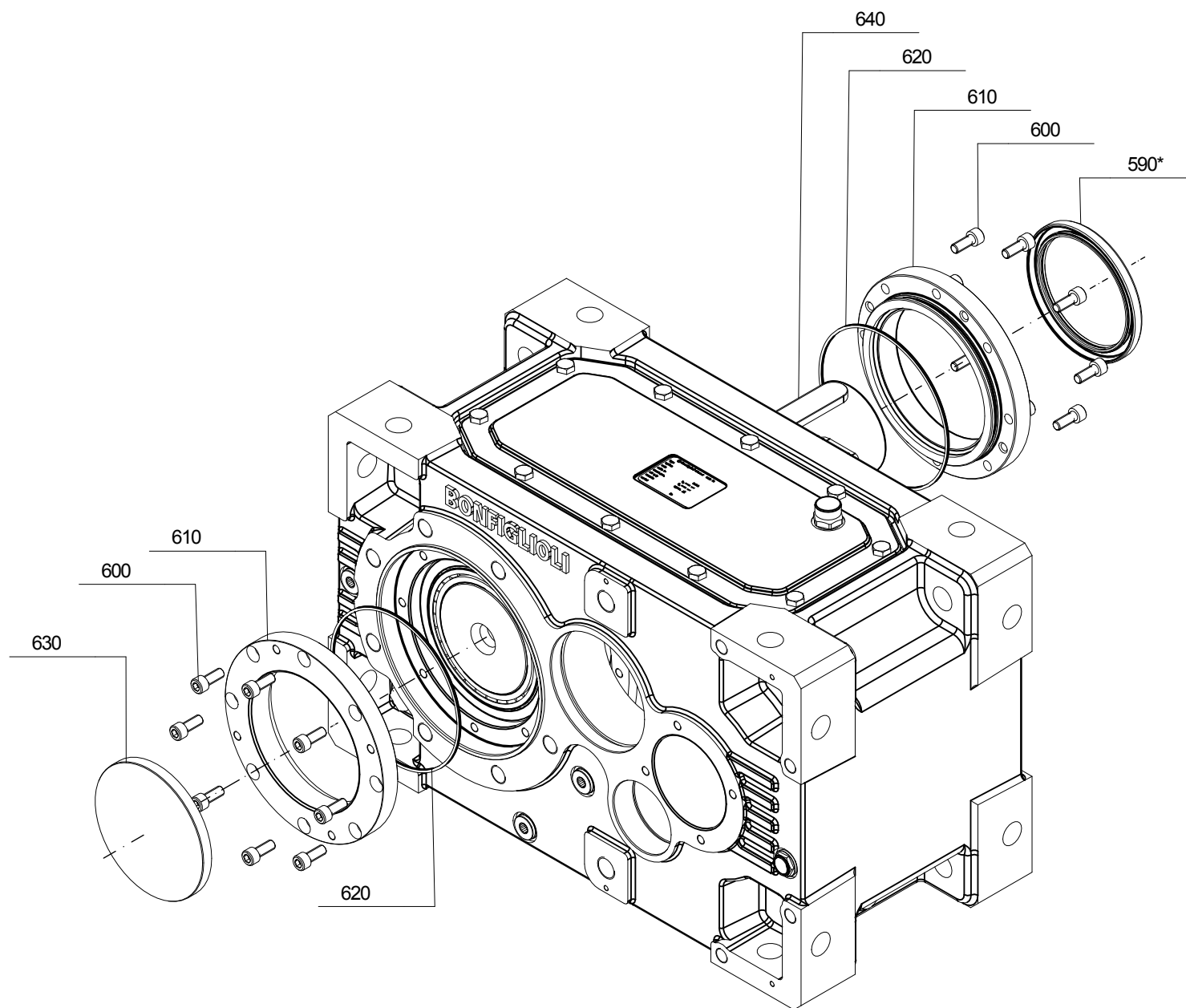
HDP 60 ... HDP 90

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	4
Stages / Stadi / Etapas Étages / Stufen	2 & 3
Type / Tipo / Tipo Type / Typ	LP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LL - RL - DL



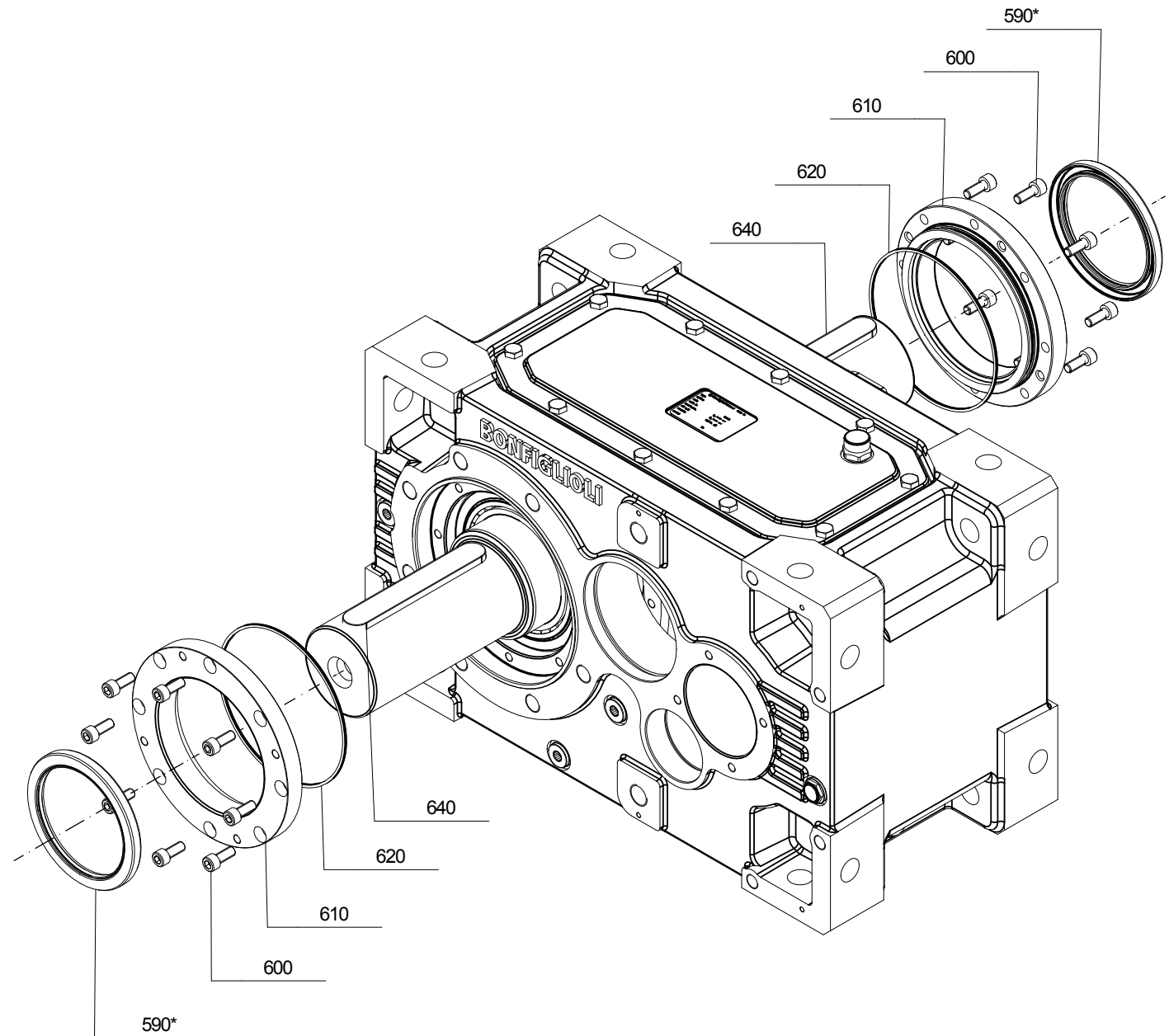
HDP 60 ... HDP 90

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	4
Stages / Stadi / Etapas Étages / Stufen	2 & 3
Type / Tipo / Tipo Type / Typ	LP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LR - RR - DR






HDP 60 ... HDP 90

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	4
Stages / Stadi / Etapas Étages / Stufen	2 & 3
Type / Tipo / Tipo Type / Typ	LP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LD - RD - DD



HDP 60 ... HDP 90

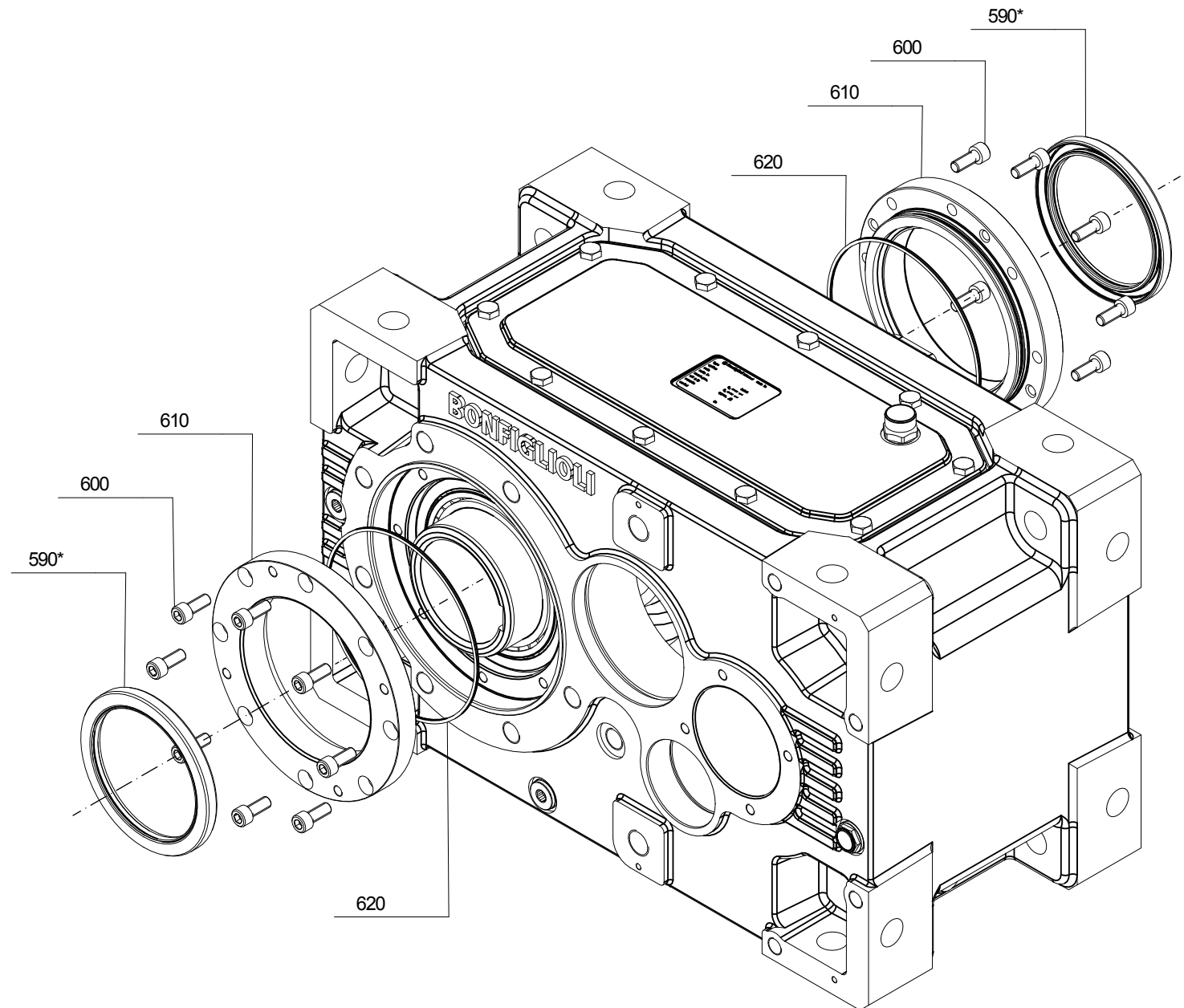
Pos	Description	Descrizione	Descripción	Description	Beschreibung
590*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
600	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEISCHRAUBE
610	OPEN CAP	CAPPEL APERTO	SOMBRETE ABIERTO	CAPUCHON OUVERT	OFFENE DECKEL
620	ORING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT ORING	ORING GASKET
630	RUBBER CAP	CAPPEL GOMMA	SOMBRETE /GOMA	CAP.CAOUTCHOUC	GUMMIDECKEL
640	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER

		 OR	
	600	620	640
HDP 60	M8X22	133.02X2.62	20X12X125 A
HDP 70	M8X22	151.99X3.53	22X14X150 A
HDP 80	M10X25	171.04X3.53	28X16X190 A
HDP 90	M12X30	202.79X3.53	28X16X190 A

NOTE: 150* refer page no: 46 / NOTA: 150* vedere pagina n°: 46 / NOTAS: 150* consultar página n.º: 46 / NOTE : 150* se référer à la page n° : 46 / HINWEIS: 150* siehe Seite: 46



HDP 60 ... HDP 90

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	4
Stages / Stadi / Etapas Étages / Stufen	2 & 3
Type / Tipo / Tipo Type / Typ	H
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LL - RL - DL LR - RR - DR LD - RD - DD



HDP 60 ... HDP 90

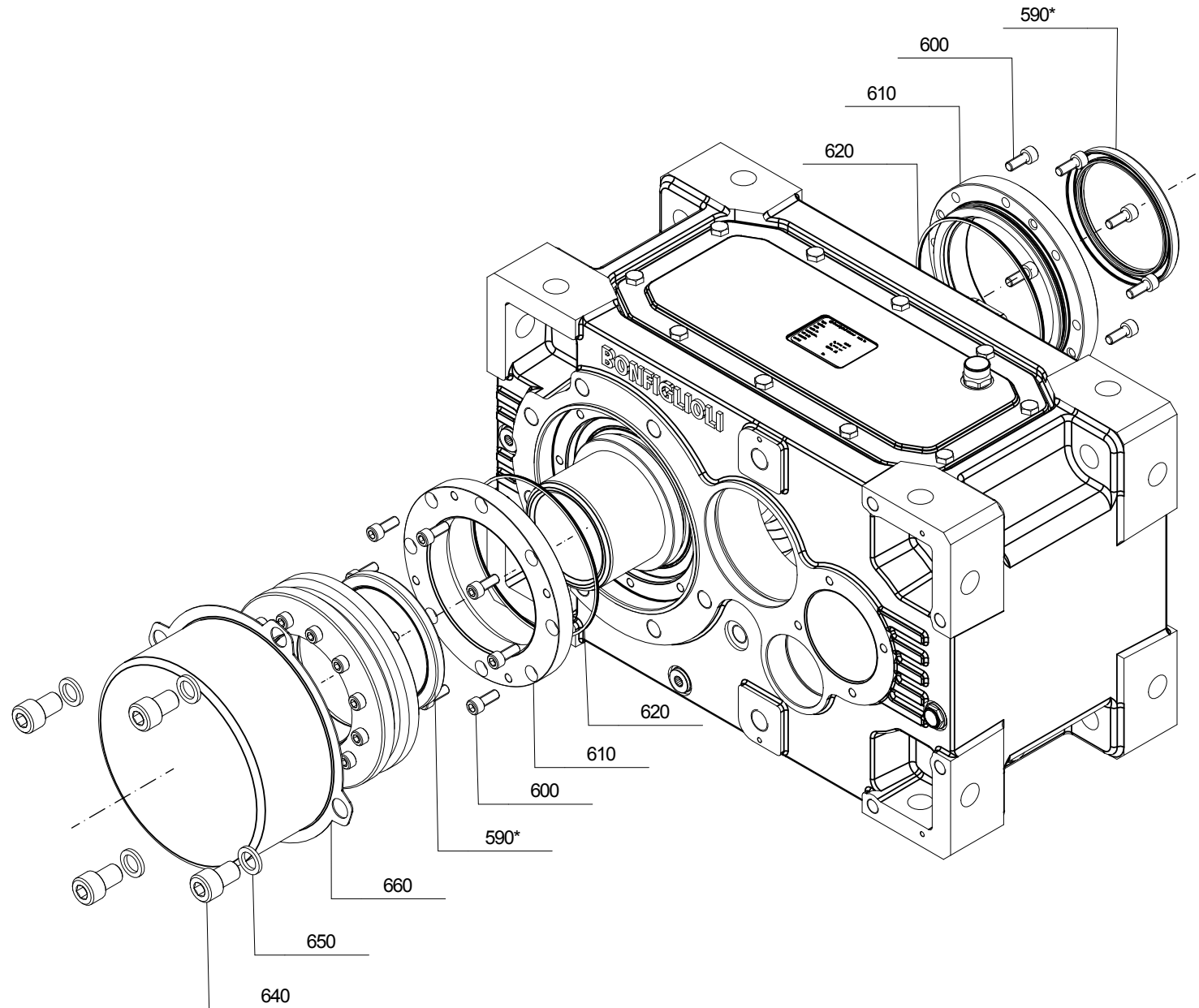
Pos	Description	Descrizione	Descripción	Description	Beschreibung
590*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
600	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEISCHRAUBE
610	OPEN CAP	CAPPEL APERTO	SOMBRETE ABIERTO	CAPUCHON OUVERT	OFFENE DECKEL
620	ORING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT ORING	ORING GASKET

		
	600	620
HDP 60	M8X22	133.02X2.62
HDP 70	M8X22	151.99X3.53
HDP 80	M10X25	171.04X3.53
HDP 90	M12X30	202.79X3.53

NOTE: 150* refer page no: 46 / NOTA: 150* vedere pagina n°: 46 / NOTAS: 150* consultar página n.º: 46 / NOTE : 150* se référer à la page n° : 46 / HINWEIS: 150* siehe Seite: 46

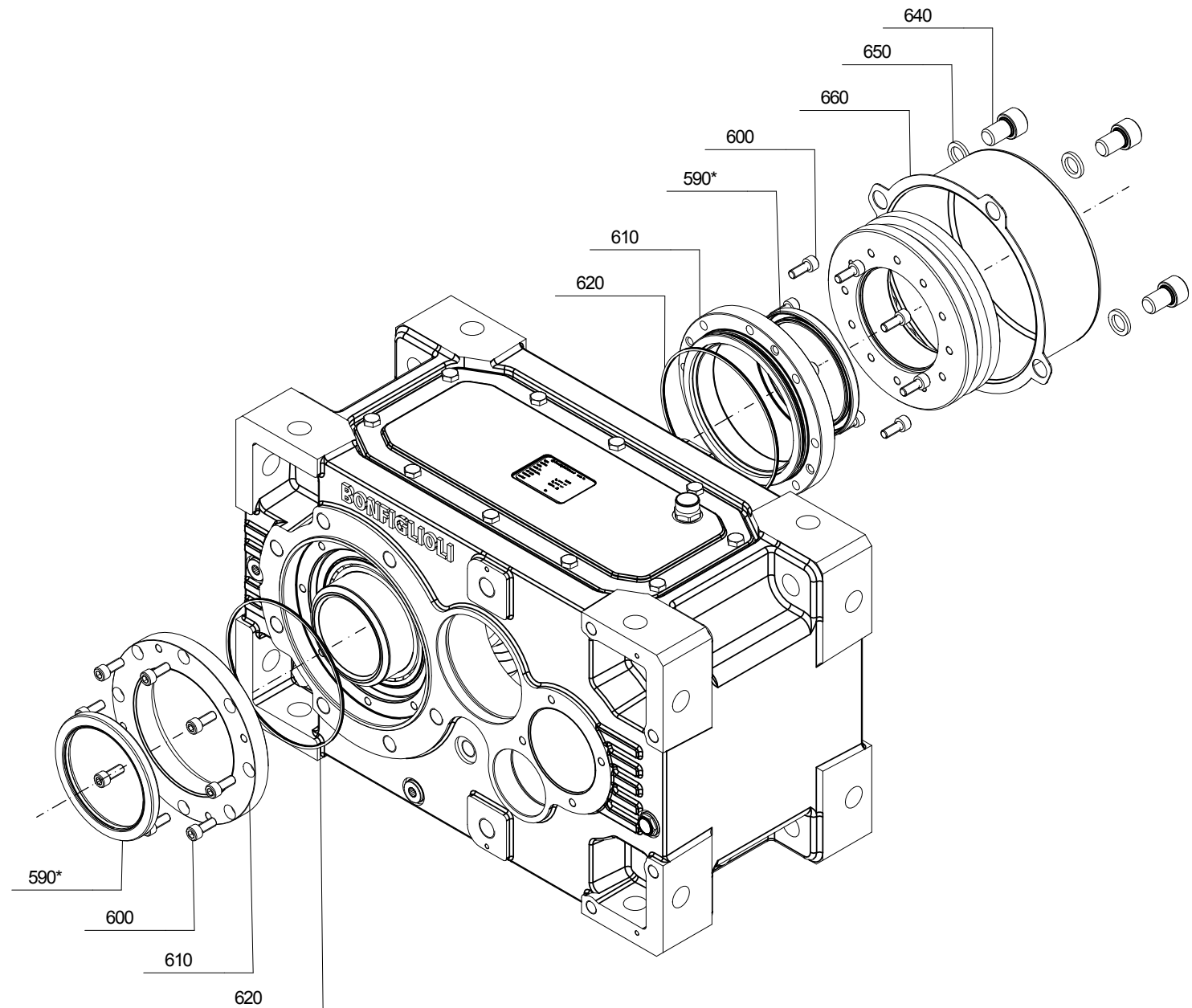
HDP 60 ... HDP 90

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	4
Stages / Stadi / Etapas Étages / Stufen	2 & 3
Type / Tipo / Tipo Type / Typ	S
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	RL - RR - RD



HDP 60 ... HDP 90




Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	4
Stages / Stadi / Etapas Étages / Stufen	2 & 3
Type / Tipo / Tipo Type / Typ	S
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LL - LR - LD



HDP 60 ... 90

HDP 60 ... HDP 90

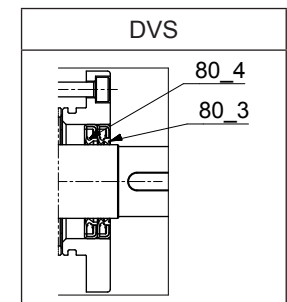
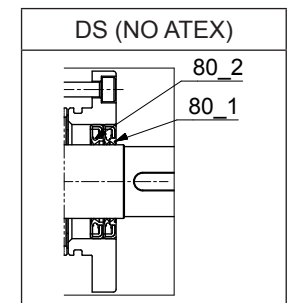
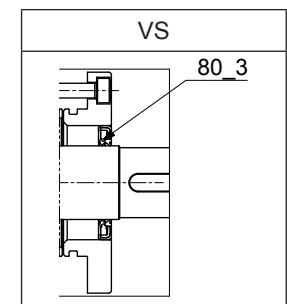
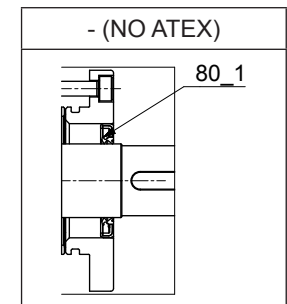
Pos	Description	Descrizione	Descripción	Description	Beschreibung
590*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
600	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEISCHRAUBE
610	OPEN CAP	CAPPEL APERTO	SOMBRETE ABIERTO	CAPUCHON OUVERT	OFFENE DECKEL
620	ORING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT ORING	ORING GASKET
640	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
650	WASHER	RONDELLA PIANA	ARANDELA PLANA	RONDELLE PLATE	FLACHSCHEIBE
660	DISC PROTECTION	PROT CALET	PROT CALET	PROT FRET SERRAGE	SCHRUMPF.S.ABDEC

			 OR	
	600	640	620	650
HDP 60	M8X22	M16X20	133.02X2.62	15X28X2.5
HDP 70	M8X22	M16X25	151.99X3.53	16X24X3
HDP 80	M10X25	M20X30	171.04X3.53	20X30X4
HDP 90	M12X30	M24X40	202.79X3.53	24X36X4

NOTE: 150* refer page no: 46 / NOTA: 150* vedere pagina n°: 46 / NOTAS: 150* consultar página n.º: 46 / NOTE : 150* se référer à la page n° : 46 / HINWEIS: 150* siehe Seite: 46


HDP 60 ... HDP 90

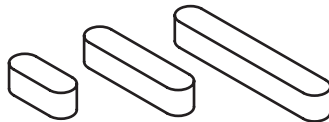
	Stages Stadi Etapas Étages Stufen	OILSEAL - 80 *				
		80_1	80_2	80_3	80_4	RATIO
HDP60	2	40X62X7 DL	40X62X7 L	40X62X7 DL	40X62X7 L	7.1-8.0-9.0-10.1-11.2-12.5-13.5-15.2
		35X62X7 DL	35X62X7 L	35X62X7 DL	35X62X7 L	17.3-19.4
	3	35X62X7 DL	35X62X7 L	35X62X7 DL	35X62X7 L	22.7-25.5-28.2-31.7-34.2-38.5-43.7-49.1
		30X62X7 DL	30X62X7 L	30X62X7 DL	30X62X7 L	56.6-63.6-68.6-77.1-87.6-98.4
HDP70	2	40X62X7 DL	40X62X7 L	40X62X7 DL	40X62X7 L	8.0-9.3-10.1-11.7-12.6-14.6-15.2-17.7
		35X62X7 DL	35X62X7 L	35X62X7 DL	35X62X7 L	19.4-22.6
	3	35X62X7 DL	35X62X7 L	35X62X7 DL	35X62X7 L	25.5-29.6-31.7-34.2-38.5-43.7-49.1-57.0
		30X62X7 DL	30X62X7 L	30X62X7 DL	30X62X7 L	63.7-73.9-77.2-89.6-98.5-114.4
HDP80	2	55X80X8 DL	55X80X8 L	55X80X8 DL	55X80X8 L	8.1-9.4-9.8-11.4-12.6-14.6
		45X80X10 DL	45X80X10 L	45X80X10 DL	45X80X10 L	15.5-18.0-19.4-22.6
	3	45X80X10 DL	45X80X10 L	45X80X10 DL	45X80X10 L	25.8-30.0-31.7-36.8-39.8-46.2-51.6-59.9-64.8-75.2
		35X80X10 DL	35X80X10 L	35X80X10 DL	35X80X10 L	76.4-88.7-95.9-111.4
HDP90	2	60X90X8 DL	60X90X8 L	60X90X8 DL	60X90X10 L	7.9-8.8-10.1-11.2-12.2-13.6
		50X90X10 DL	50X90X10 L	50X90X10 DL	50X90X10 L	15.8-17.6-20.1-22.4
	3	50X90X10 DL	50X90X10 L	50X90X10 DL	50X90X10 L	25.4-28.3-32.9-36.6-40.0-44.6-51.8-57.7-65.8-73.3
		40X90X10 DL	40X90X12 L	40X90X10 DL	40X90X10 L	77.8-86.6-98.9-110.1



HDP 60 ... 90

HDP 60 ... HDP 90

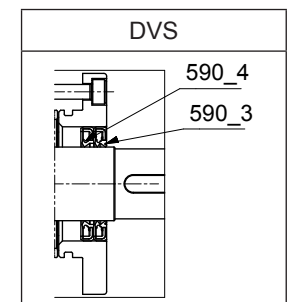
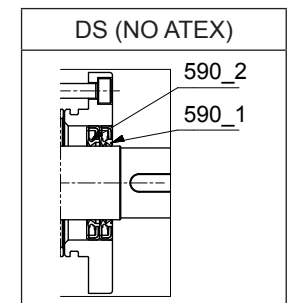
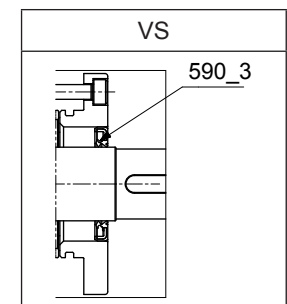
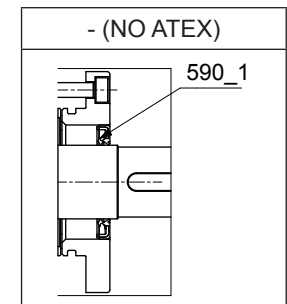
	OILSEAL - 150*	DS /DVS	
HDP60	AD 112132	60X110X13 L	
	AD160180200	90X130X12 L	
HDP70	AD 112132	60X110X13 L	
	AD160180200	90X130X12 L	
HDP80	AD- 132	60X110X13 L	
	AD160180200	90X130X12 L	
HDP90	-	90X130X12 L	

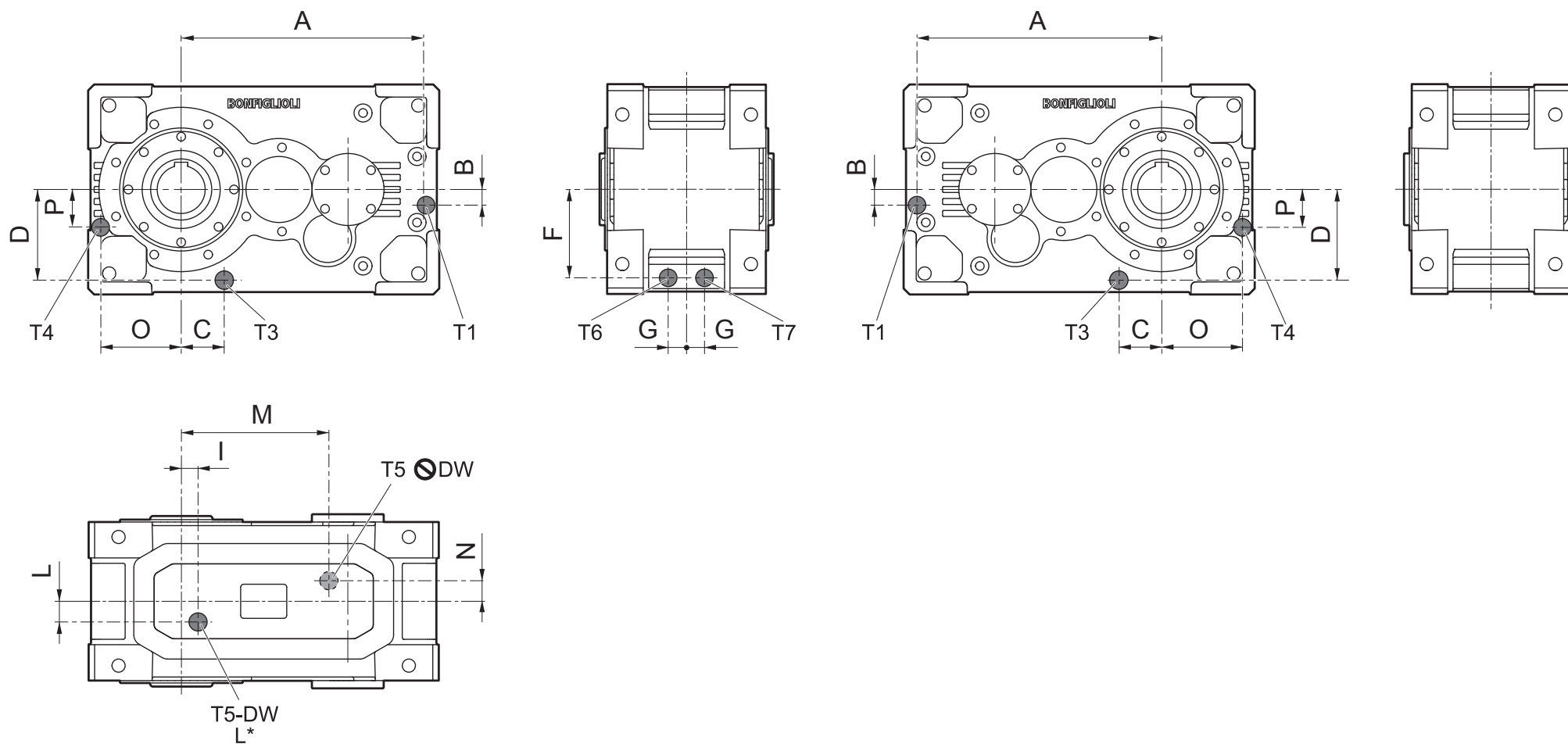
	KEY - 70*		RATIO	
HDP60	2 STAGES	10X8X70 A	-	
	3 STAGES	10X8X70 A	22.7-25.5-28.2-31.7-34.2-38.5-43.7-49.1	
		8X7X50 A	56.6-63.6-68.6-77.1-87.6-98.4	
HDP70	2 STAGES	10X8X70 A	-	
	3 STAGES	10X8X70 A	25.5-29.6-31.7-34.2-38.5-43.7-49.1-57.0	
		8X7X50 A	63,7-73,9-77,2-89,6-98,5-114,4	
HDP80	2 STAGES	14X9X100 A	8.1-9.4-9.8-11.4-12.6-14.6	
		10X8X70 A	15.5-18.0-19.4-22.6	
	3 STAGES	10X8X70 A	25.8-30.0-31.7-36.8-39.8-46.2-51.6-59.9-64.8-75.2	
		8X7X50 A	76.4-88.7-95.9-111.4	
HDP90	2 STAGES	14X9X100 A	-	
	3 STAGES	14X9X100 A	25.4-28.3-32.9-36.6-40.0-44.6-51.8-57.7-65.8-73.3	
		10X8X70 A	77.8-86.6-98.9-110.1	

HDP 60 ... HDP 90

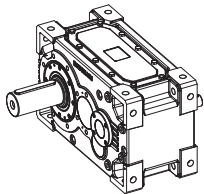
590*	-	VS	DS		DVS	
HDP60	90X110X12 DL	90X110X7.5 DL	90X110X7.5 DL	90X110X7.5 DL	90X110X7.5 DL	90X110X7.5 DL

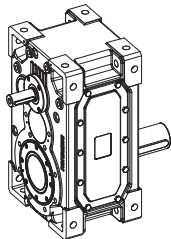
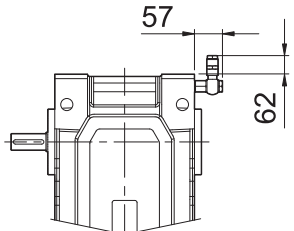
590*	590_1	590_2	590_3	590_4
HDP70	105X130X12 DL	105X130X12 L	105X130X12 DL	105X130X12 L
HDP80	120X150X12 DL	120X150X12 L	120X150X12 DL	120X150X12 L
HDP90	140X170X15 DL	140X170X12 L	140X170X13 DL	140X170X12 L

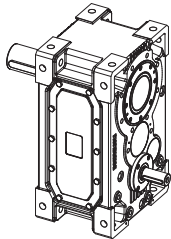
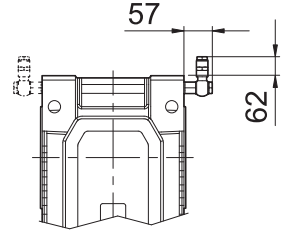


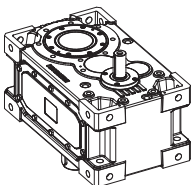


	A	B	C	D	F	G	I	L	M	N	O	P
HDP 60 2 HDP 60 3	368.5	25	60	149	147	30	9	25	231	25	130.5	60
HDP 70 2 HDP 70 3	404	25	70	149	147	30	27.5	35	247.5	35	135	62.5

	B3							
	T1	T2	T3	T4	T5	T6	T7	
	L	⊖	S	T	C	T	T	

	B6							
	T1	T2	T3	T4	T5	T6	T7	
	C	⊖	T	S	L	T	T	

	B7							
	T1	T2	T3	T4	T5	T6	T7	
	S	⊖	L	C	T	T	T	

	V5							
	T1	T2	T3	T4	T5	T6	T7	
	C	⊖	S	T	L	T	T	

C = Filler plug with air vent / *Tappo riempimento con sfiato* / Tapón de llenado con ventilación / *Bouchon de remplissage avec purge d'air* / Einfüllschraube mit Entlüftungsöffnung

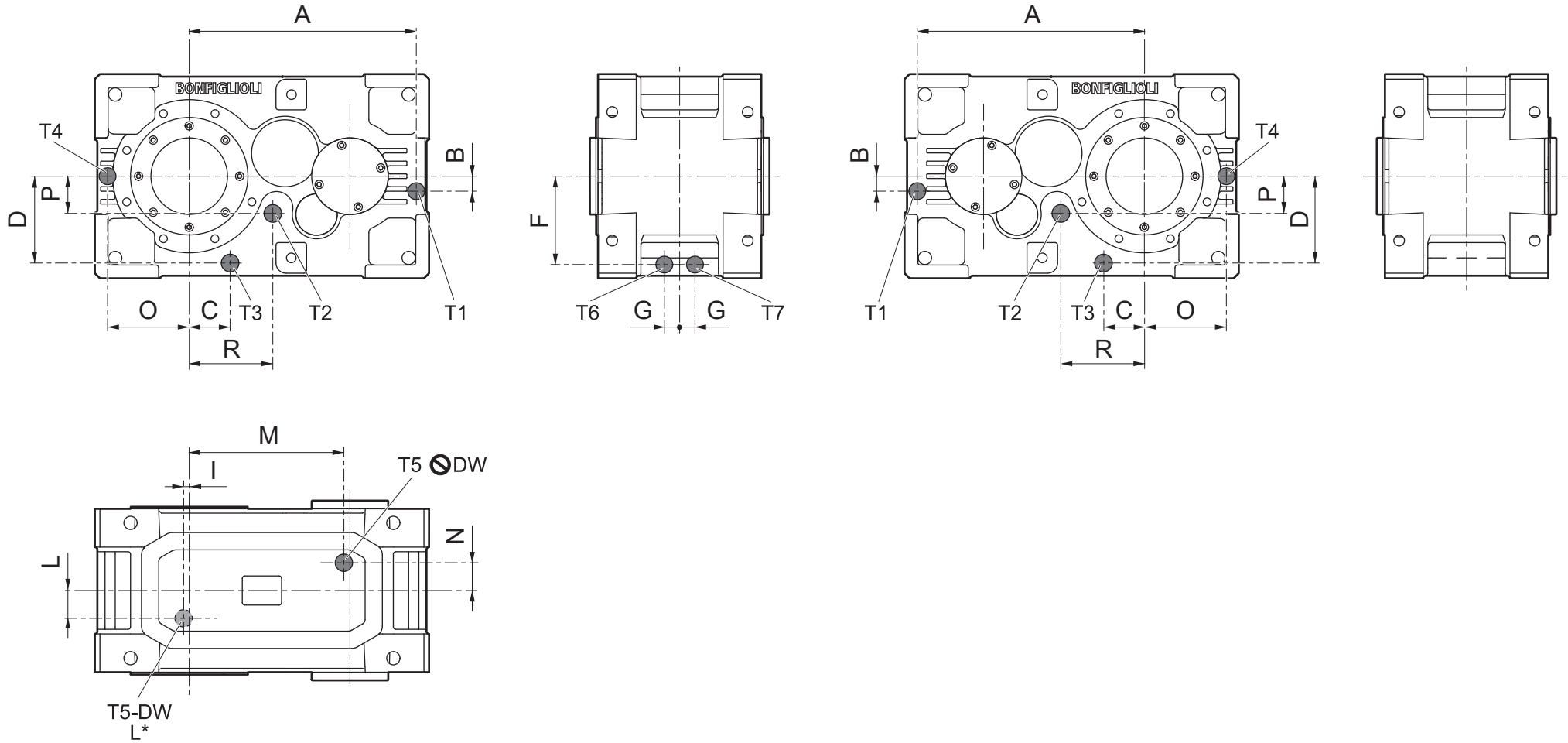
L = Level plug / *Tappo di livello* / Tapón de nivel / Bouchon de niveau / Ölstandsschraube

S = Drain plug / *Tappo di scarico* / Tapón de drenaje / Bouchon de vidange / Ablassschraube

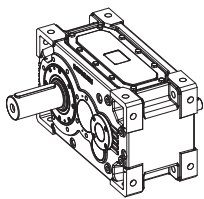
T = Blank plug / *Tappo cieco* / Tapón ciego / *Bouchon aveugle* / Blindstopfen

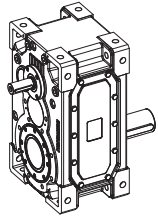
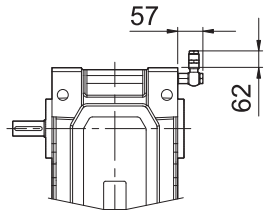
⊖ = No plug present / *Nessun tappo presente* / No dispone de tapón / *Aucun bouchon présent* / Kein Verschluss vorhanden

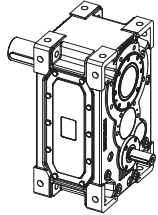
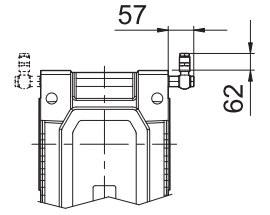
L = Overflow level plug / *Tappo controllo livello di troppo pieno* / *Tapón de rebose* / *Bouchon contrôle niveau de trop-plein* / Überlaufpegelschraube

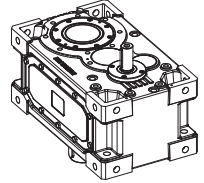


	A	B	C	D	F	G	I	L	M	N	O	P	R
HDP 80 2 HDP 80 3	441	37.5	80	175	173	30	7.5	55	292.5	55	160	80	160
HDP 90 2 HDP 90 3	508.5	42.5	90	197	190	30	14	55	286	55	197	90	180

	B3								
	T1	T2	T3	T4	T5	T6	T7		
	L	T	S	T	C	T	T	HDP 80 (i≤75.2)	HDP 90 (i≤73.3)
	T	T	S	L	C	T	T	HDP 80 (i≥76.4)	HDP 90 (i≥77.9)

	B6							
	T1	T2	T3	T4	T5	T6	T7	
	C	T	T	S	L	T	T	

	B7							
	T1	T2	T3	T4	T5	T6	T7	
	S	T	L	C	T	T	T	

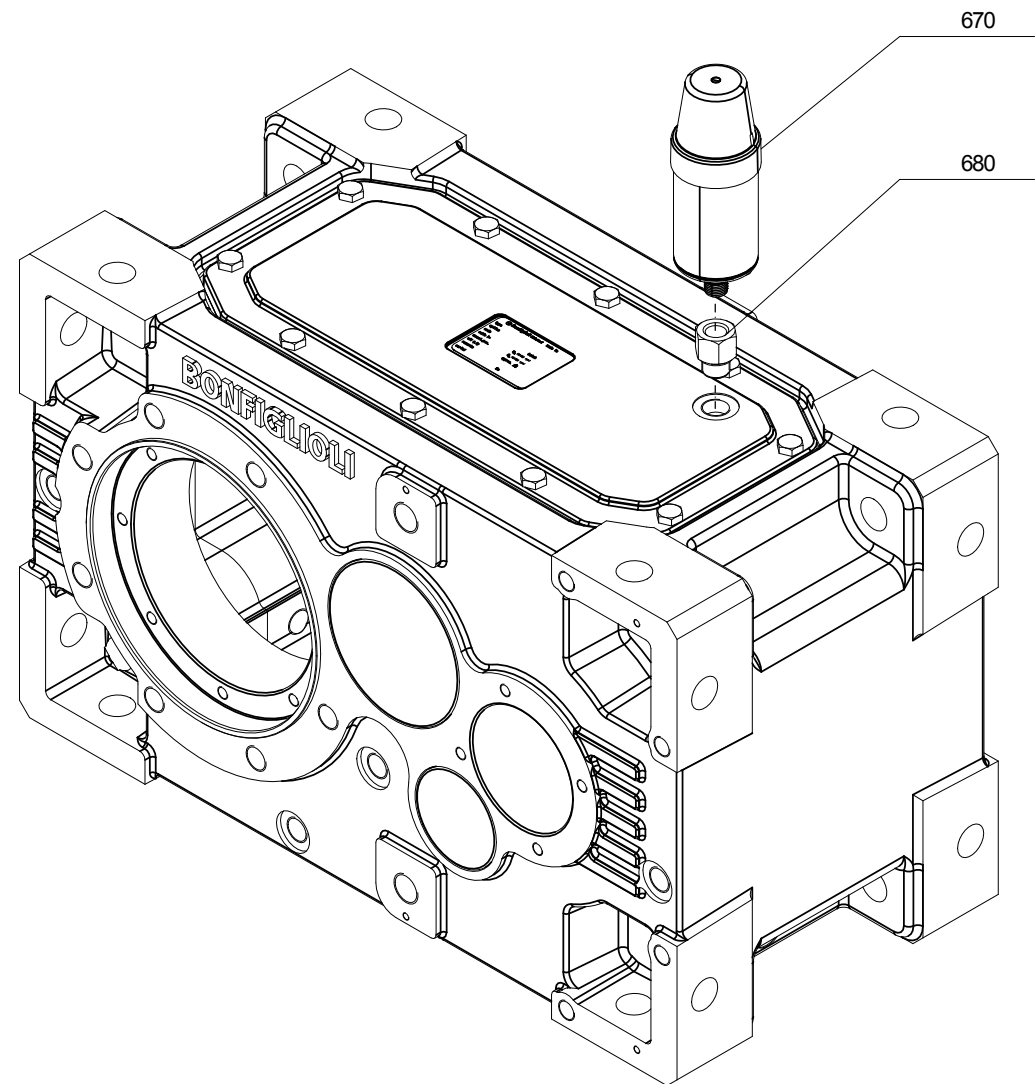
	V5								
	T1	T2	T3	T4	T5	T6	T7		
	C	T	S	T	L	T	T		

C = Filler plug with air vent / *Tappo riempimento con sfiato* / Tapón de llenado con ventilación / *Bouchon de remplissage avec purge d'air* / Einfüllschraube mit Entlüftungsöffnung
L = Level plug / *Tappo di livello* / Tapón de nivel / Bouchon de niveau / Ölstandsschraube
S = Drain plug / *Tappo di scarico* / Tapón de drenaje / Bouchon de vidange / Ablassschraube
T = Blank plug / *Tappo cieco* / Tapón ciego / *Bouchon aveugle* / Blindstopfen



● = No plug present / *Nessun tappo presente* / No dispone de *tapón* / *Aucun bouchon présent* / Kein Verschluss vorhanden
L = Overflow level plug / *Tappo controllo livello di troppo pieno* / *Tapón de rebose* / *Bouchon contrôle niveau de trop-plein* / Überlaufpegelschraube

HDP 60 ... HDP 90

Stages / Stadi / Etapas Étages / Stufen	2 & 3
Type / Tipo / Tipo Type / Typ	COMMON
Plugs / Tappi / Tapones Bouchons / Verschlüsse	DBF



HDP 60 ... 90

		
	670	680
HDP 60 - 90	DCHG1 DES	MF 1/23/8

Pos	Description	Descrizione	Descripción	Description	Beschreibung
670	BREATHER PLUG	TAPPO SFIATO	TAPON RESPIR.	BOUCHON RENIFL	ENTLUEFTER
680	REDUCTION FILL	RACCORDO RIDUZ	EMPALME REDUC	RACCORD REDUC	REDUZIERSTUECK

HDP 60 ... HDP 90

Size / Taglia / Tamaño Taille / Größe	ALL
Stages / Stadi / Etapas Étages / Stufen	2
Bearing Position / Posizione del cuscinetto Posición de rodamiento / Position roulement Lagerposition	

4 L

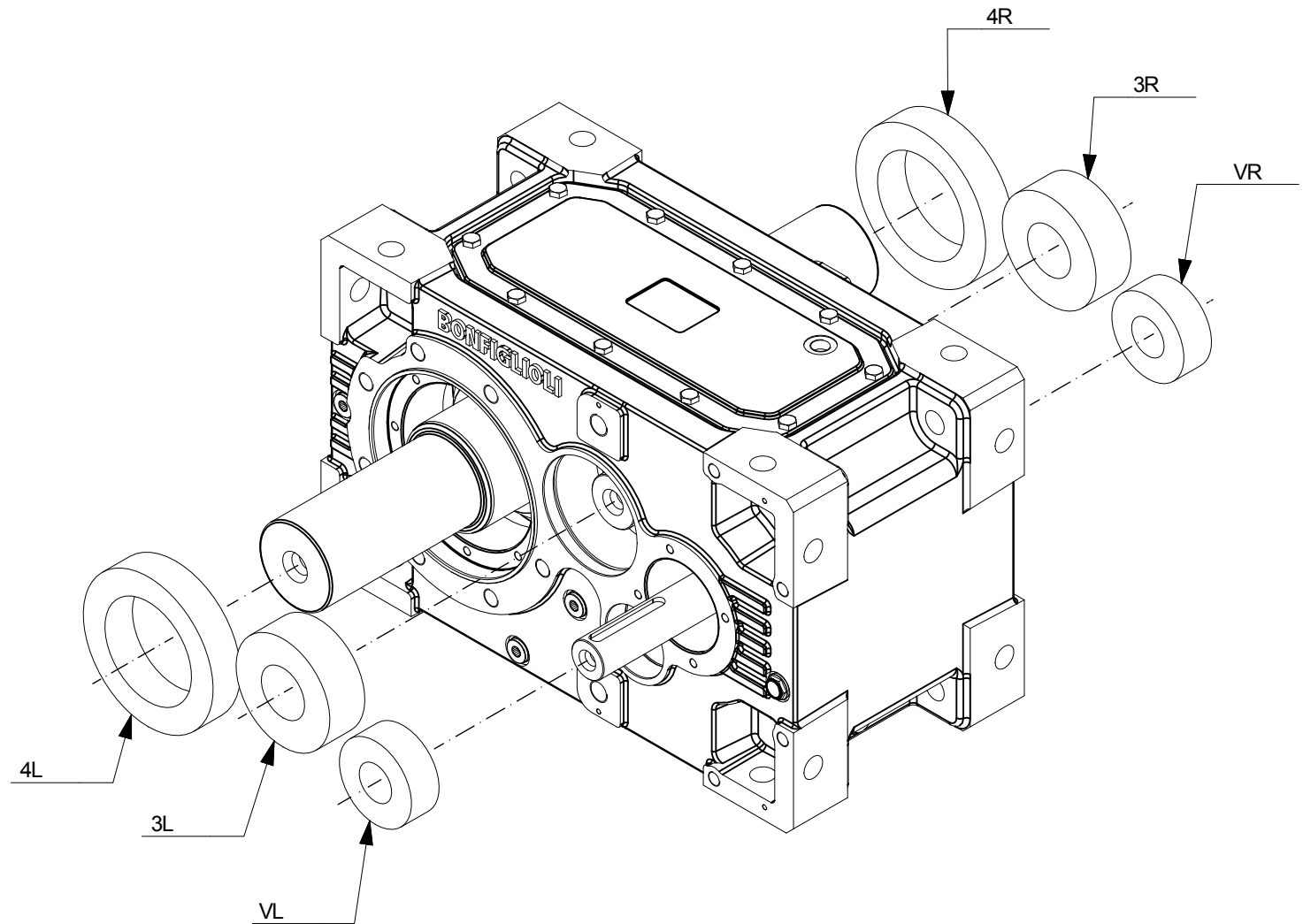
Side / Lato / Lado / Côté / Seite

L Left / *Sinistra* / Izquierdo /
Gauche / Links

R Right / *Destra* / Derecho /
Droite / Rechts

AXIS / ASSE / EJE / AXE / ACHSE

4, 3, 2, 1, V



HDP 60 ... HDP 90

Size / Taglia / Tamaño Taille / Größe	ALL
Stages / Stadi / Etapas Étages / Stufen	3
Bearing Position / Posizione del cuscinetto Posición de rodamiento / Position roulement Lagerposition	

4 L

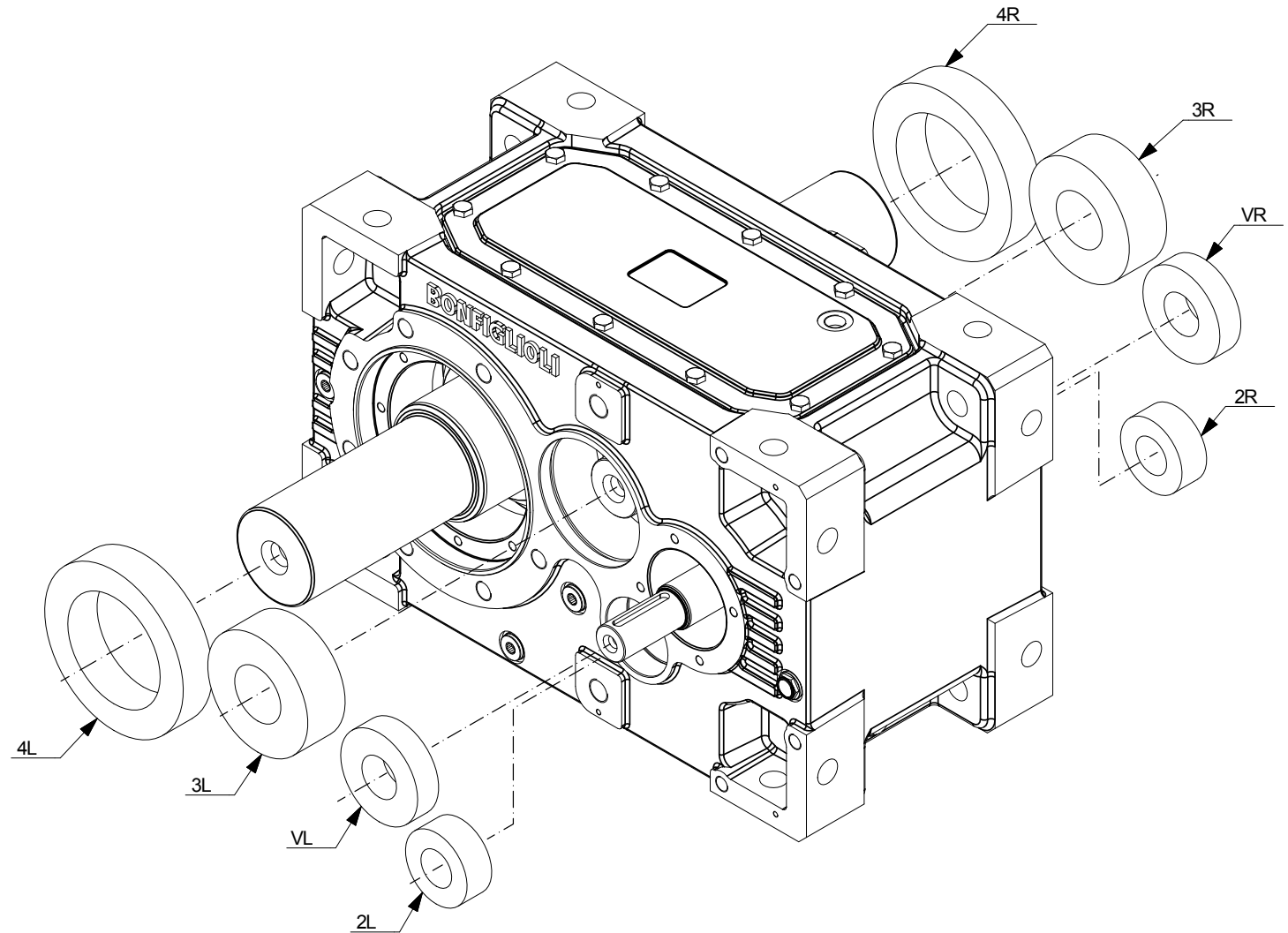
Side / Lato / Lado / Côté / Seite

L Left / *Sinistra* / Izquierdo /
Gauche / Links

R Right / *Destra* / Derecho /
Droite / Rechts

AXIS / ASSE / EJE / AXE / ACHSE

4, 3, 2, 1, V



HDP 60 ... HDP 90

Size / Taglia / Tamaño Taille / Größe	ALL
Stages / Stadi / Etapas Étages / Stufen	3
Option / Opzione / Opción Option / Option	AD
Bearing Position / Posizione del cuscinetto Posición de rodamiento / Position roulement Lagerposition	

4 L

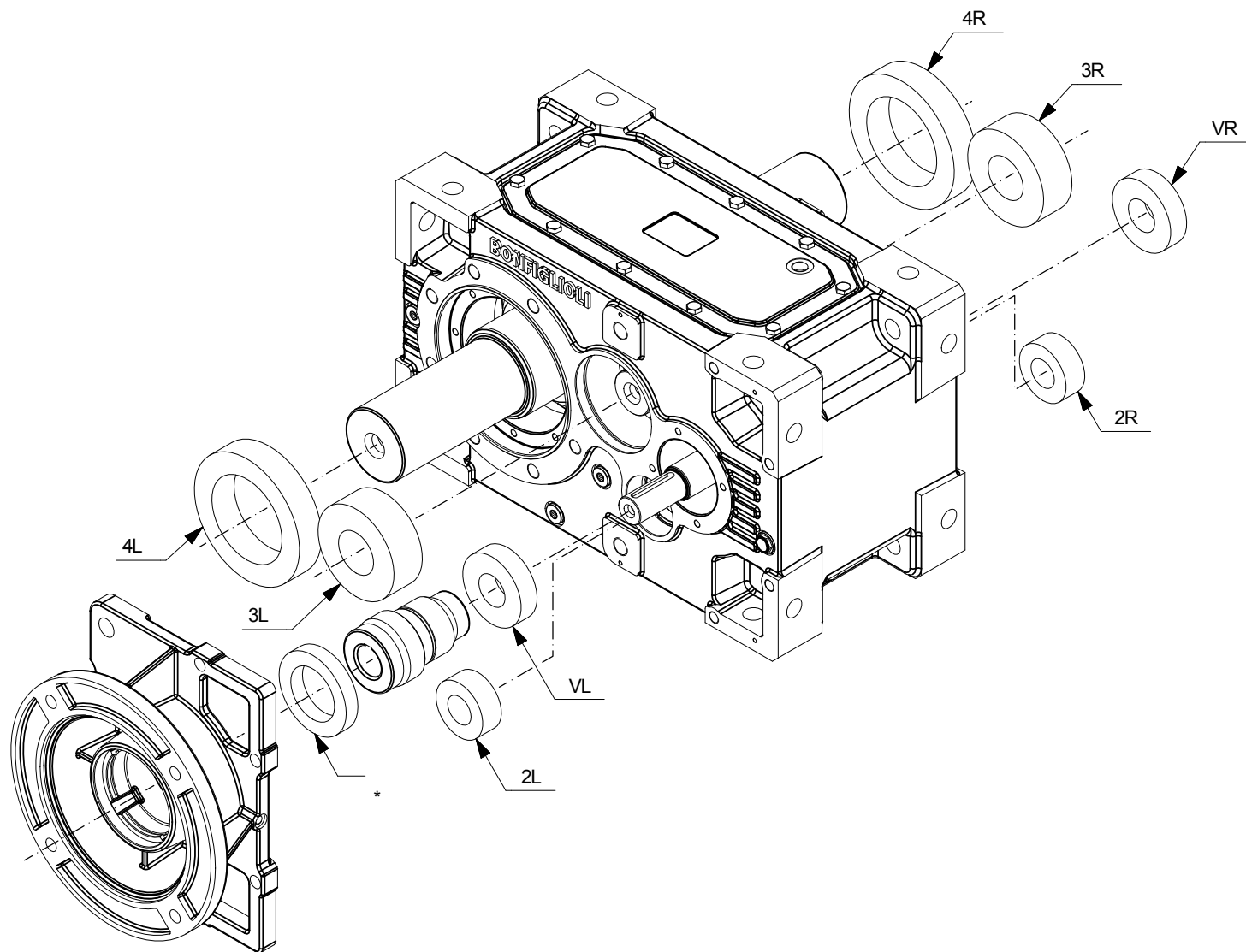
Side / Lato / Lado / Côté / Seite

L Left / *Sinistra* / Izquierdo /
Gauche / Links

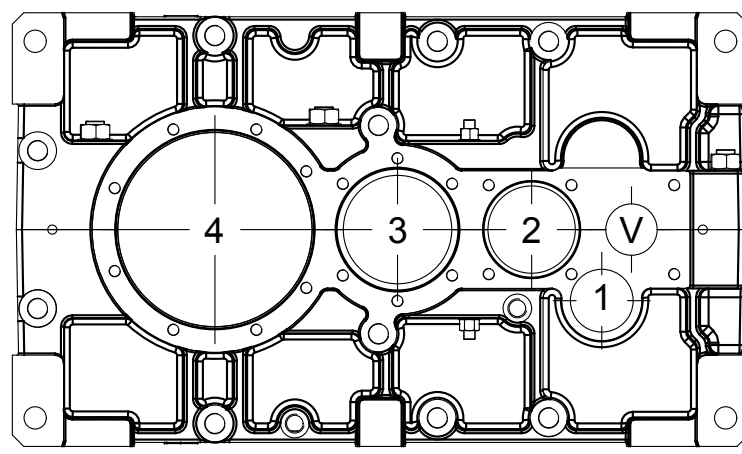
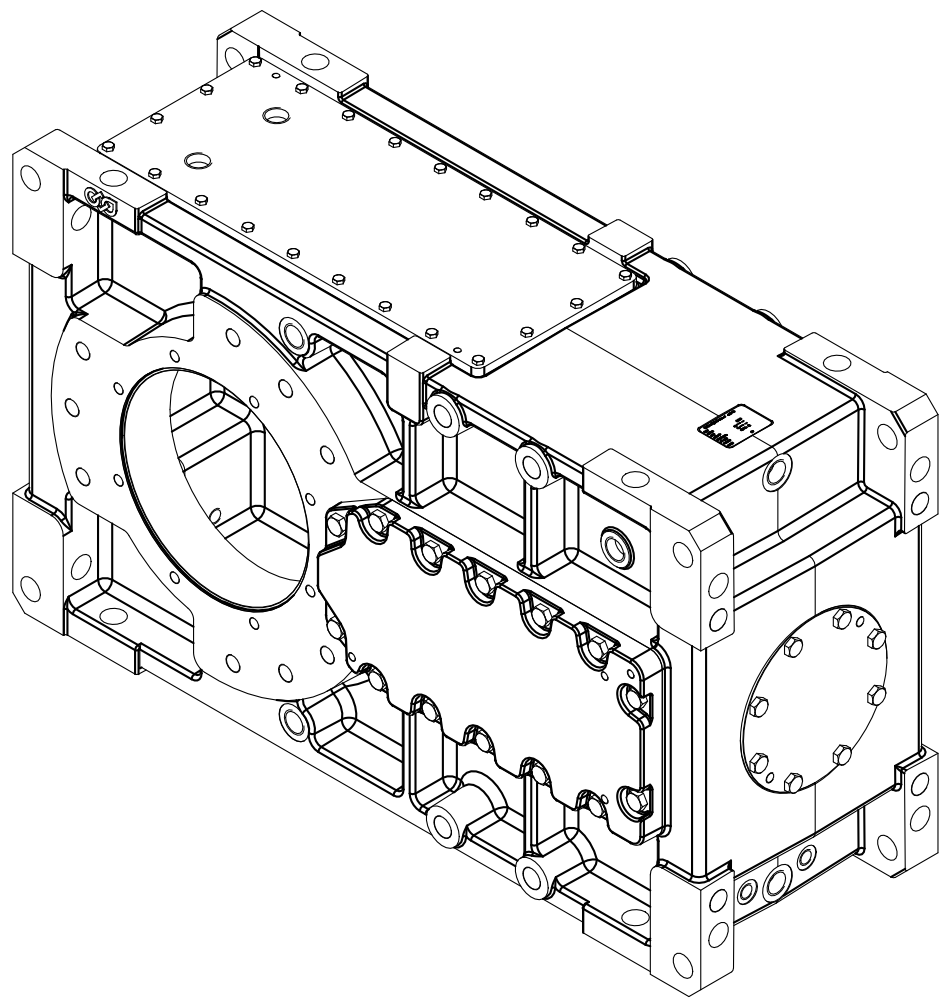
R Right / *Destra* / Derecho /
Droite / Rechts

AXIS / ASSE / EJE / AXE / ACHSE

4, 3, 2, 1, V



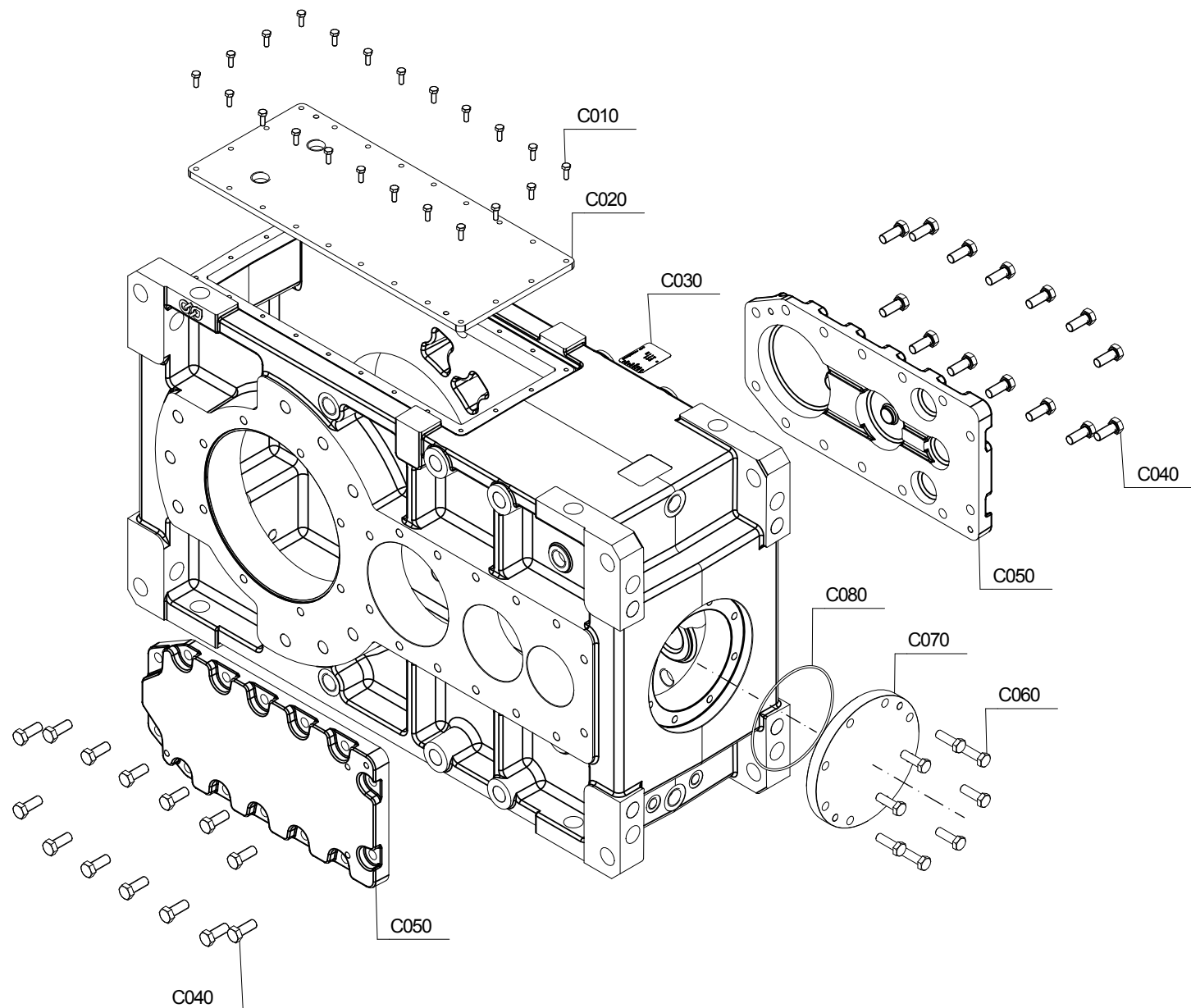
NOTE: * only for AD option / NOTA: * soltanto per opzione AD / NOTAS: * solo para la opción AD / NOTE: * uniquement pour option AD / HINWEIS: * nur für die AD-Option



Stages / Stadi Etapas / Étages / Stufen	AXIS / ASSE / EJE / AXE / ACHSE				
	Input / Ingresso / Entrada / Entrée / Eingang				Output / Uscita / Salida / Sortie / Ausgang
4	V	1	2	3	4
3	V	-	2	3	4
2	V	-	-	3	4

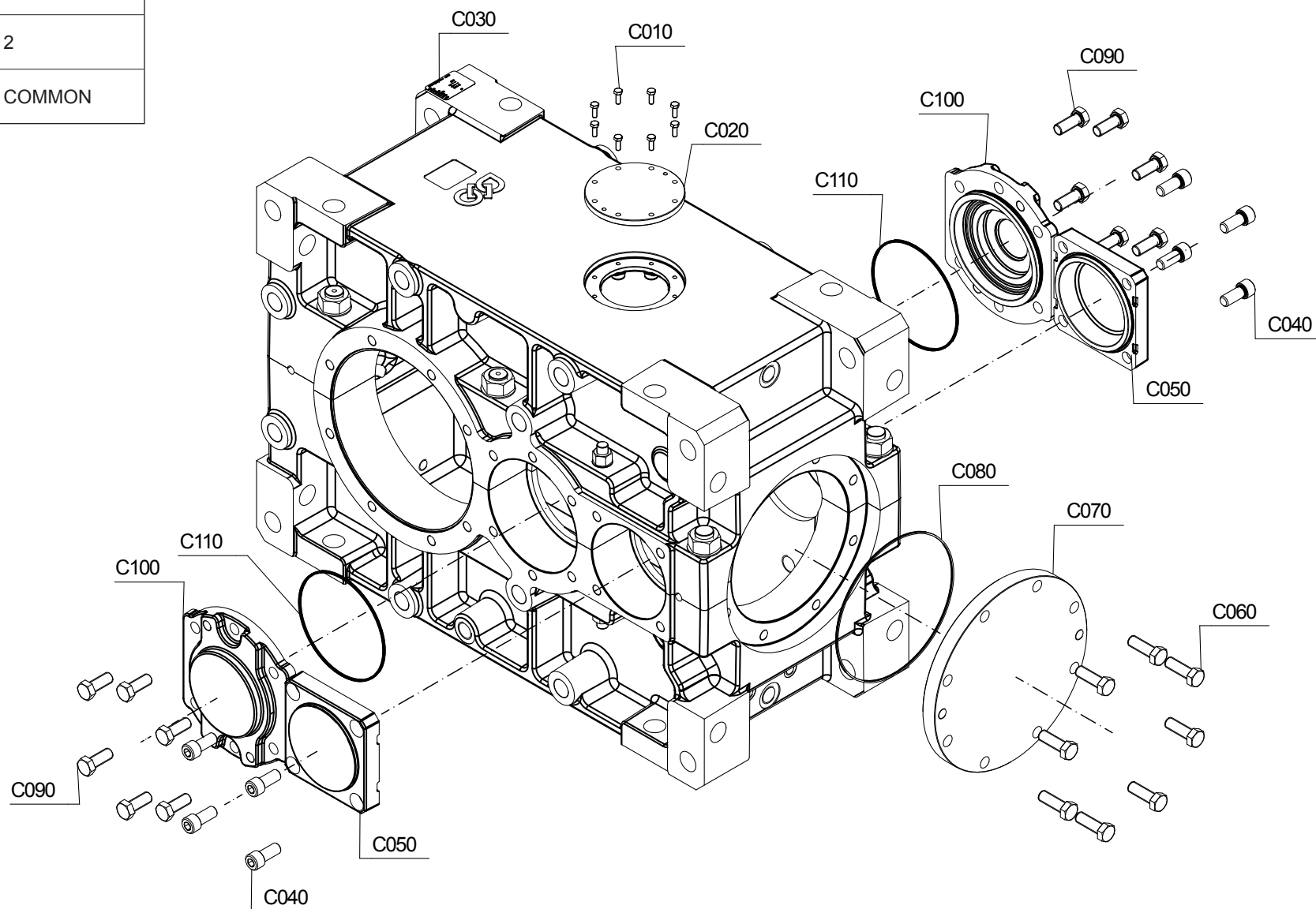
HDP 100 ... HDP 140

Size / Taglia / Tamaño Taille / Größe	100 / 110 / 120 / 125
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	COMMON



HDP 100 ... HDP 140

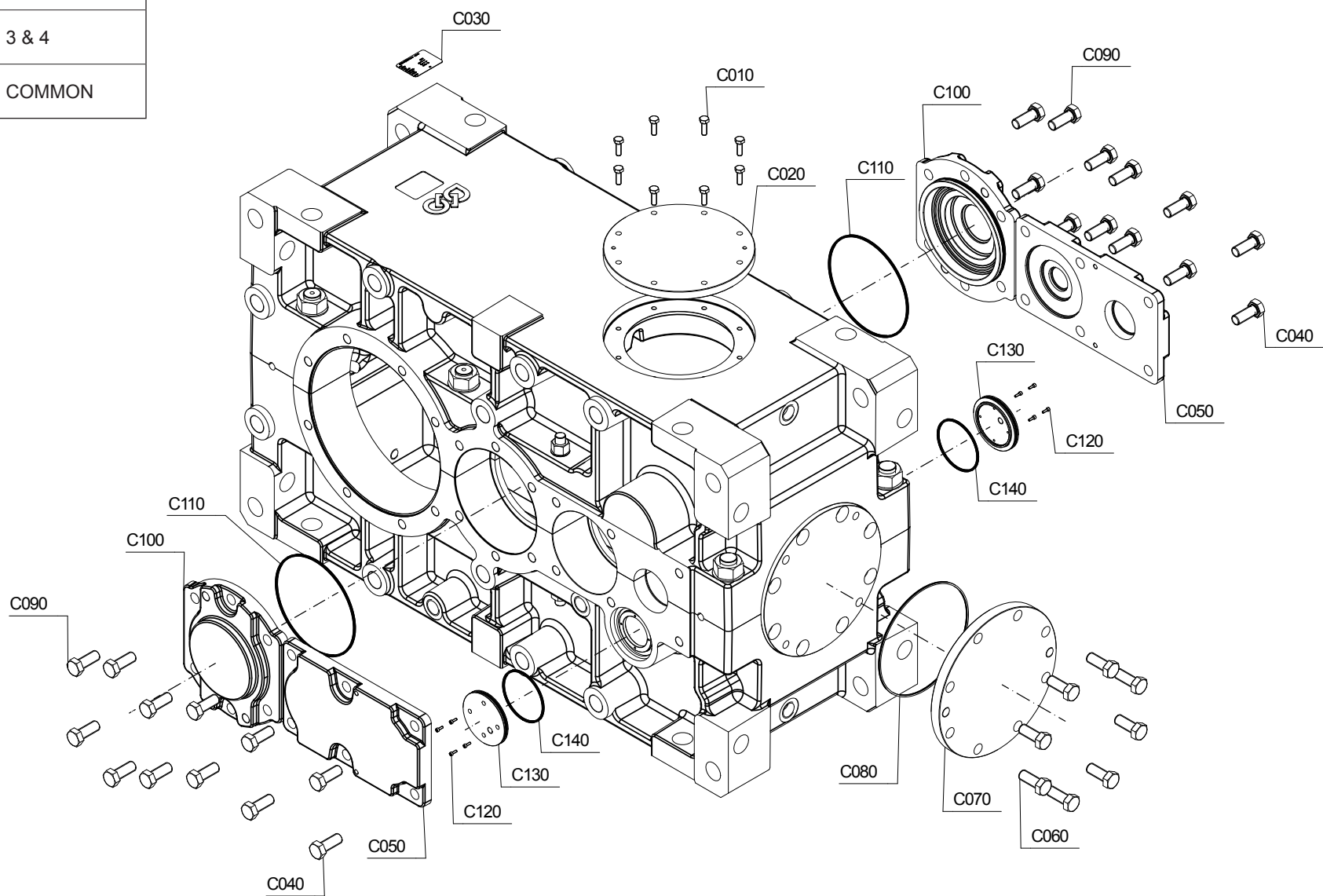
Size / Taglia / Tamaño Taille / Größe	130 & 140
Stages / Stadi / Etapas Étages / Stufen	2
Type / Tipo / Tipo Type / Typ	COMMON



HDP 100 ... 140

HDP 100 ... HDP 140

Size / Taglia / Tamaño Taille / Größe	130 & 140
Stages / Stadi / Etapas Étages / Stufen	3 & 4
Type / Tipo / Tipo Type / Typ	COMMON






HDP 100 ... 140

HDP 100 ... HDP 140

Pos	Description	Descrizione	Descripción	Description	Beschreibung
C010	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
C020	INSPECTION COVER	COPER DI ISPEZIONE	TAPA DE INSPECCION	COUVERCLE DE VISITE	SCHAUDECKEL
C030	BLANK NAME PLATE	TARG VUOTA	TARJETA VIRGEN	PLAQUE VIDE	TYPENSCHILD
C040	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEISCHRAUBE
C040	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
C050	PLAIN COVER	COPERCHIO CHIU	TAPA DE CIERRE	COUV.FERMETURE	SCHLUSSDECKEL
C060	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
C070	PLAIN CAP	CAPPEL CHIUSO	SOMBRETERE	CAPUCHON FERME	SCHLUSSDECKEL
C080	ORING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT ORING	ORING GASKET
C090	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
C100	PLAIN CAP	CAPPEL CHIUSO	SOMBRETERE	CAPUCHON FERME	SCHLUSSDECKEL
C110	ORING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT ORING	ORING GASKET
C120	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEISCHRAUBE
C130	PLAIN CAP	CAPPEL CHIUSO	SOMBRETERE	CAPUCHON FERME	SCHLUSSDECKEL
C140	ORING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT ORING	ORING GASKET

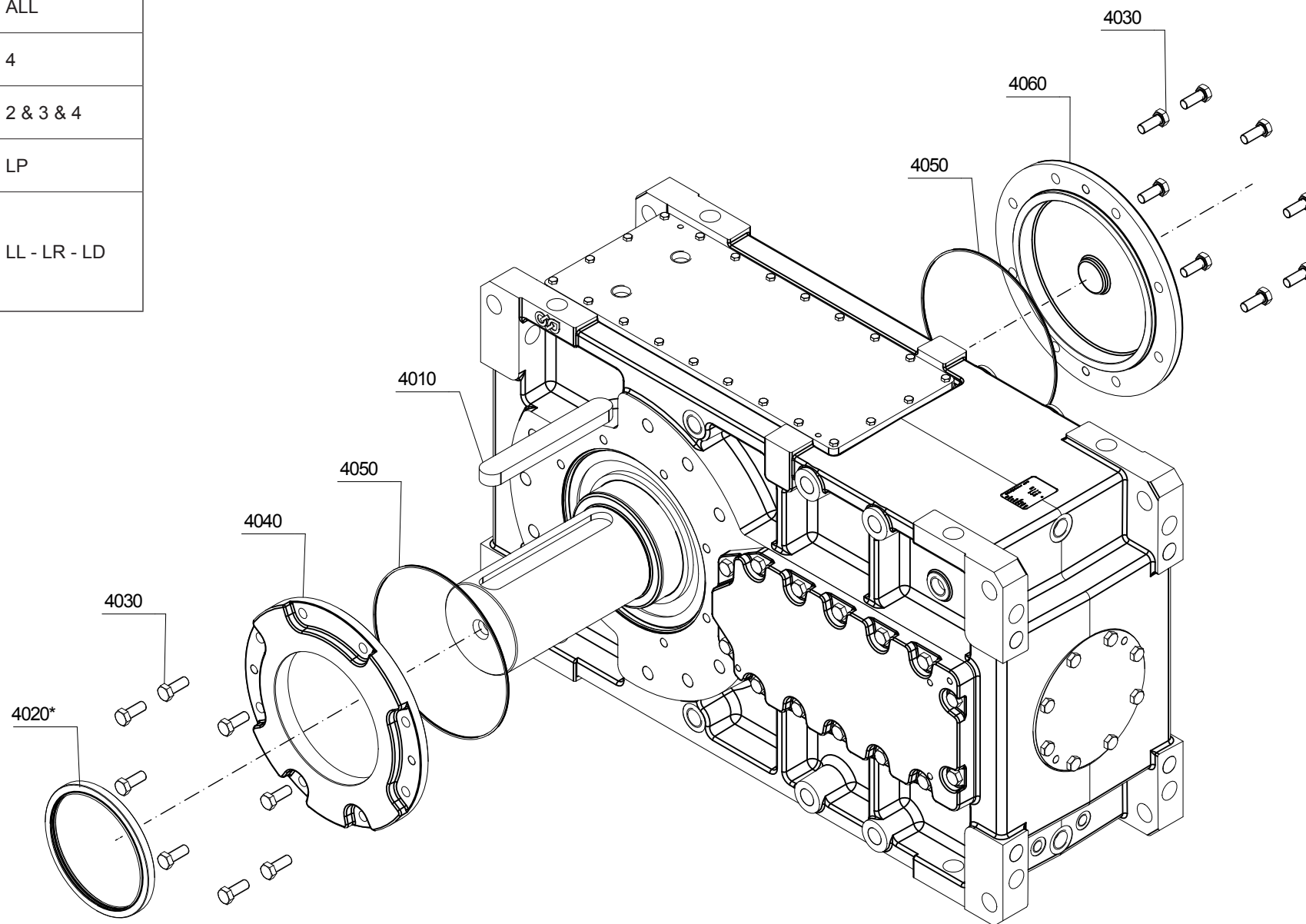
HDP 100 ... HDP 140

	Stages Stadi Etapas Étages Stufen									
		C010	C040	C060	V090	C040	V120	C080	V110	V140
HDP 100	2	M8X22	M14X40	M14X40	-	-	-	202.79X3.53	-	-
	3			M14X45				177.4X3.5		
	4			M14X30				177.4X3.53		
HDP 110	2	M8X22	M14X40	M14X40	-	-	-	202.79X3.53	-	-
	3			M14X45				177.4X3.5		
	4			M14X30				177.4X3.53		
HDP 120	2	M8X22	M16X40	M20X50	-	-	-	228.2X3.53	-	-
	3			M14X45				177.4X3.5		
	4			M14X30				177.4X3.53		
HDP 125	2	M8X22	M16X40	M20X50	-	-	-	228.2X3.53	-	-
	3			M14X45				177.4X3.5		
	4			M14X30				177.4X3.53		
HDP 130	2	M8X22	-	M20X60	M20X60	M20X45	-	278.99X3.53	202.79X3.53	-
	3	M10X30	M20X50	M20X50		-		228.2X3.53		
	4			M20X30		M4X12		-		
HDP 140	2	M8X22	-	M20X60	M20X60	M20X45	-	278.99X3.53	240.89X3.53	-
	3	M10X30	M20X50	M20X50		-		228.2X3.53		
	4			M20X30		M4X12		-		

HDP 100 ... 140

HDP 100 ... HDP 140

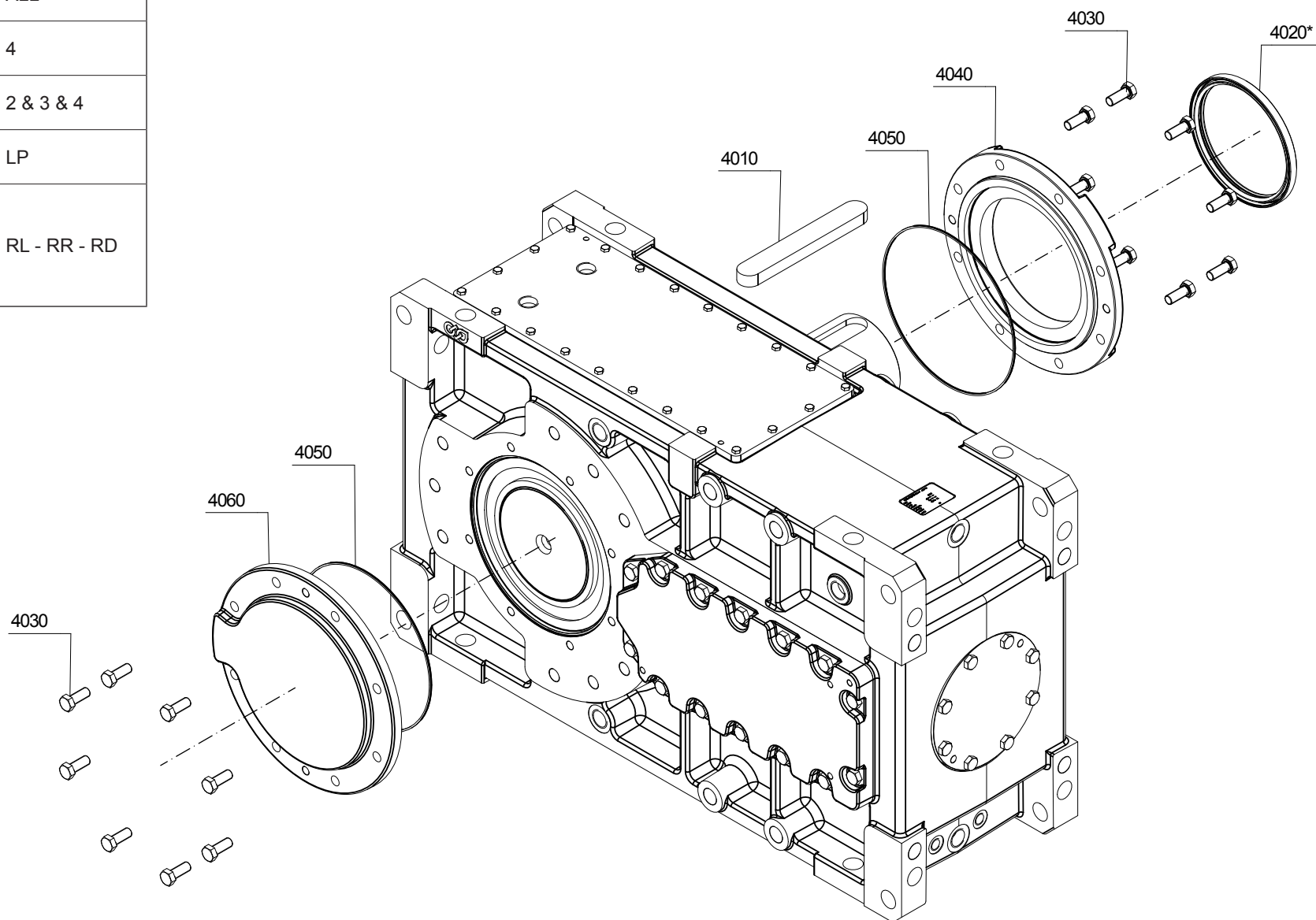
Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	4
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	LP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LL - LR - LD



HDP 100 ... 140

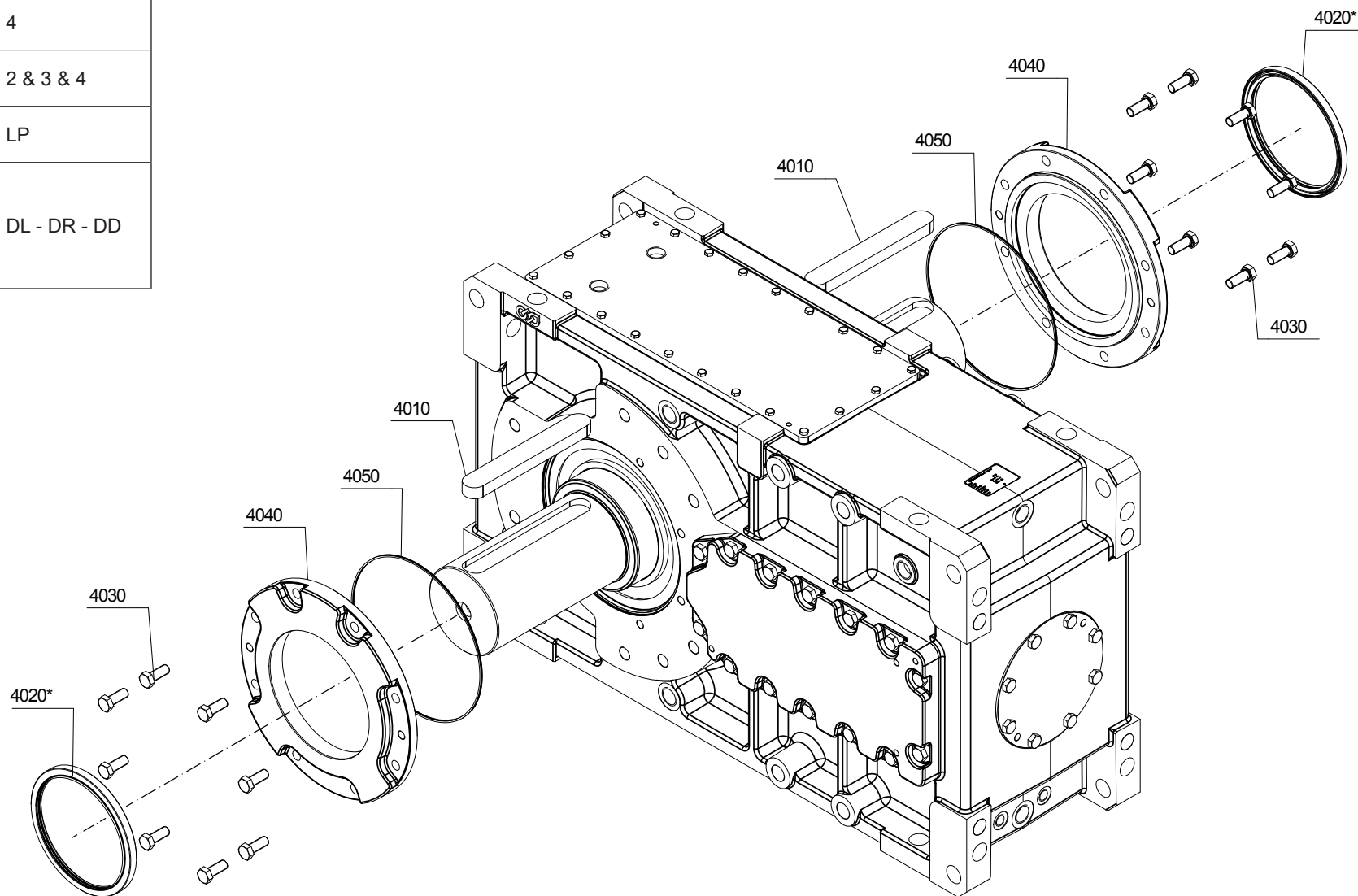
HDP 100 ... HDP 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	4
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	LP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	RL - RR - RD






HDP 100 ... HDP 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	4
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	LP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	DL - DR - DD



HDP 100 ... HDP 140

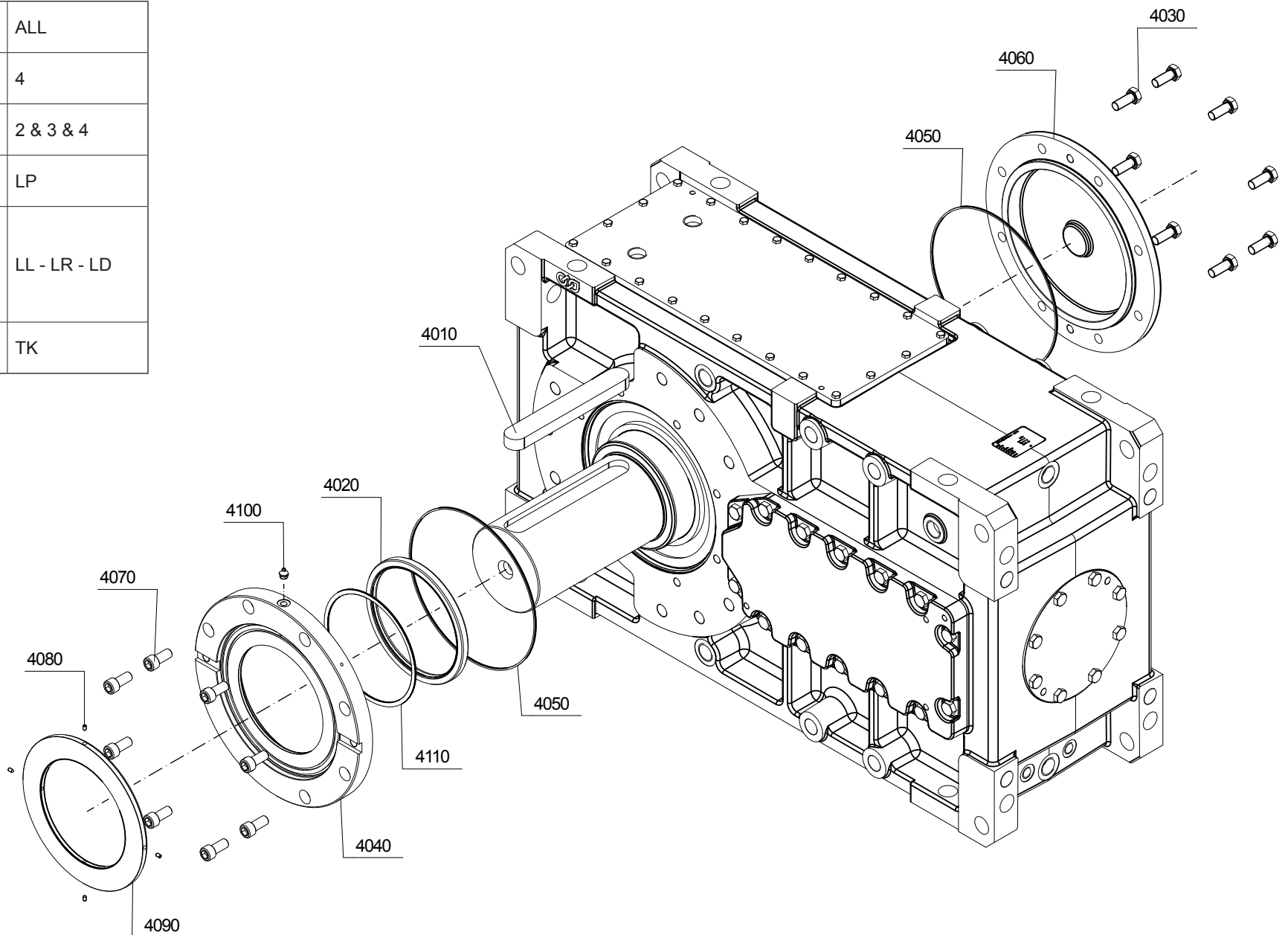
Pos	Description	Descrizione	Descripción	Description	Beschreibung
4010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
4020*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
4030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
4040	OPEN CAP	CAPPEL APERTO	SOMBRETERE ABIERTO	CAPUCHON OUVERT	OFFENE DECKEL
4050	ORING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT ORING	ORING GASKET
4060	PLAIN CAP	CAPPEL CHIUSO	SOMBRETERE	CAPUCHON FERME	SCHLUSSDECKEL

	 4010	 4030	 OR 4050
HDP 100	32X18X195 A	M14X40	240.89X3.53
HDP 110	32X18X220 A	M14X40	253.6X3.53
HDP 120	36X20X220 A	M16X40	278.99X3.53
HDP 125	40X22X280 A	M16X40	291.69X3.53
HDP 130	40X22X280 A	M20X50	329.79X3.53
HDP 140	45X25X280 A	M20X50	355.19X3.53

NOTE: 4020* Refer page no: 148 / NOTA: 4020* Vedere pagina n°: 148 / NOTAS: 4020* Consultar página n.º: 148 / NOTE : 4020* Se référer à la page n° : 148 / HINWEIS: 4020* Siehe Seite: 148

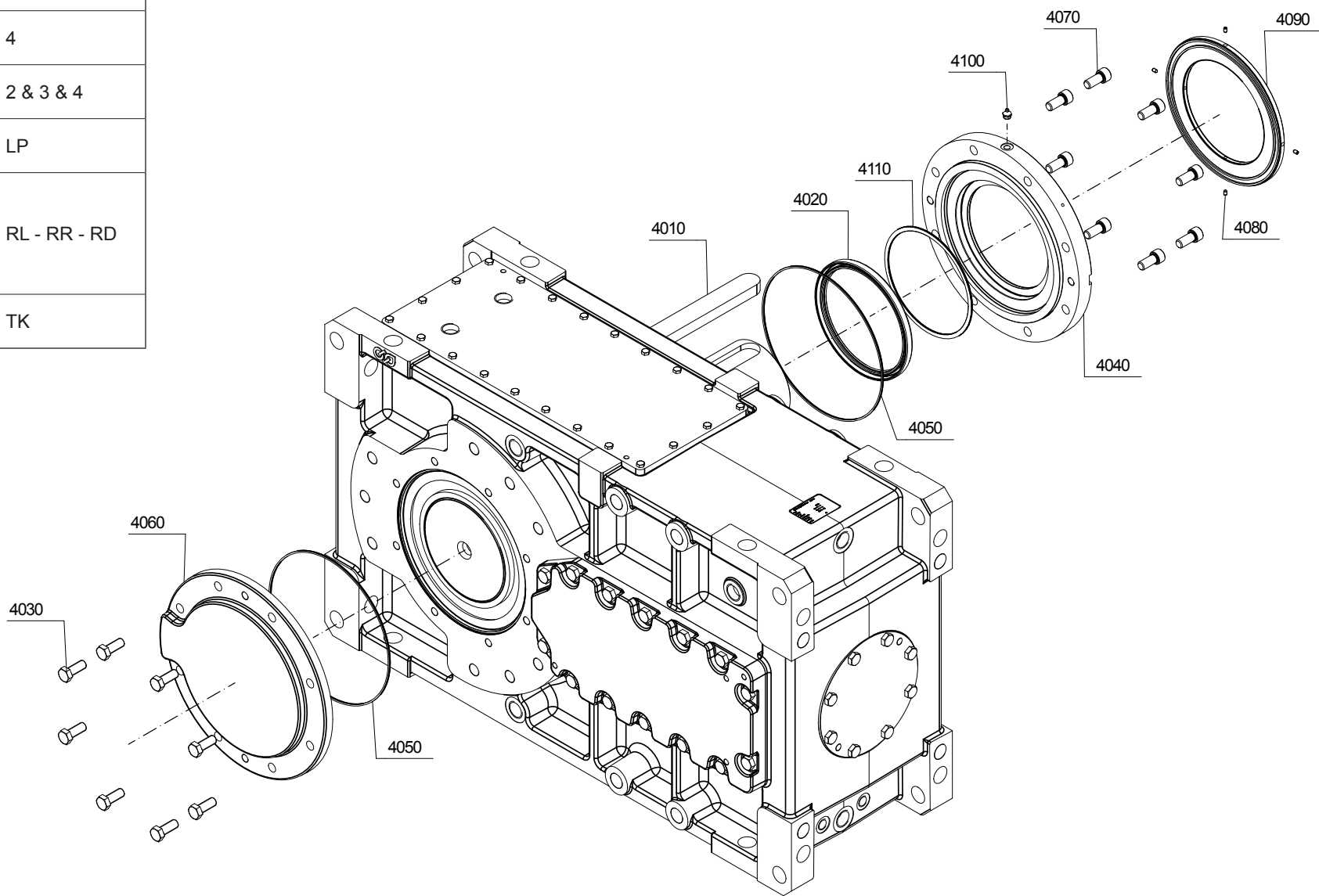
HDP 100 ... HDP 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	4
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	LP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LL - LR - LD
Option / Opzione / Opción Option / Option	TK



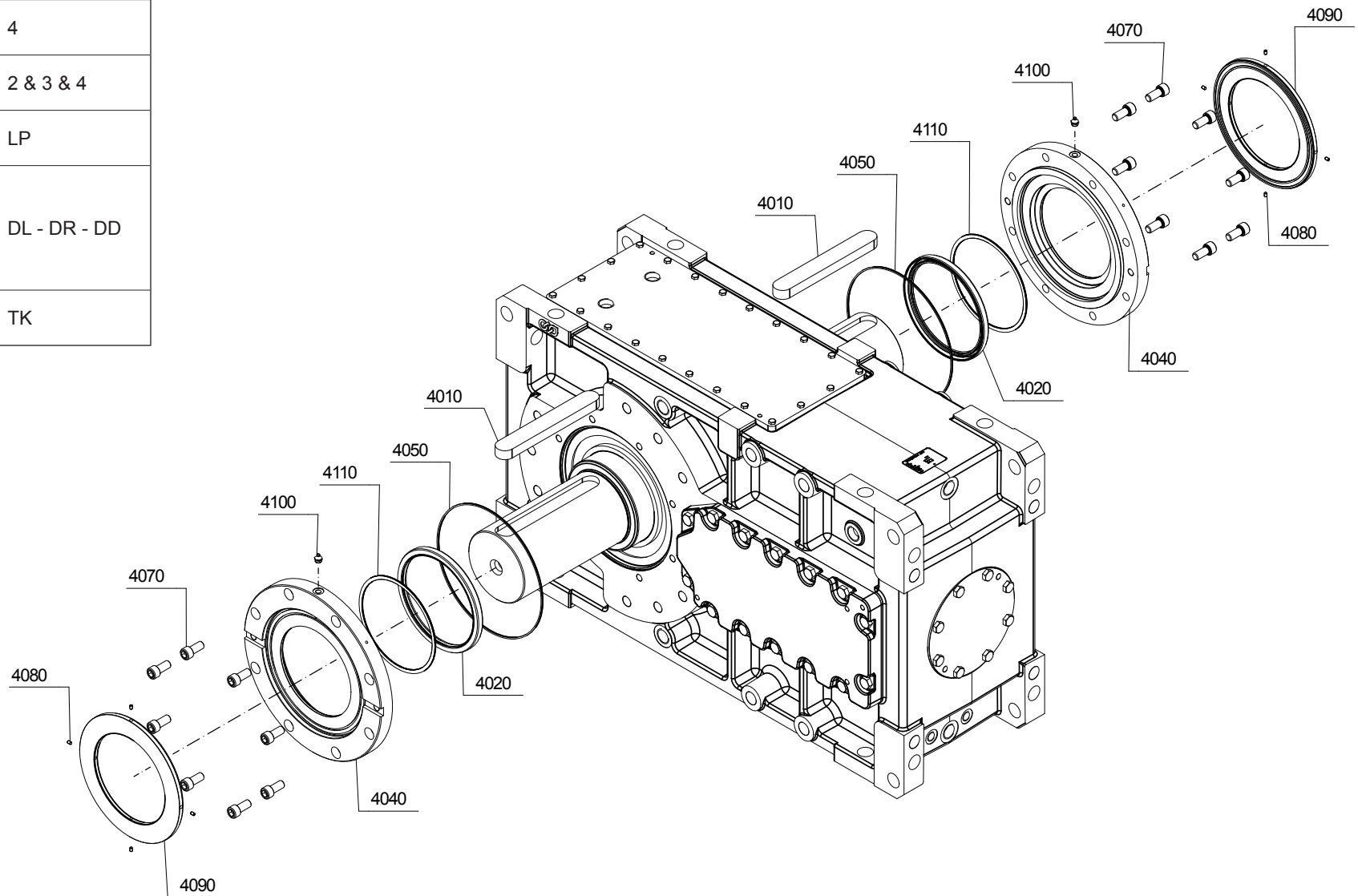
HDP 100 ... HDP 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	4
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	LP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	RL - RR - RD
Option / Opzione / Opción Option / Option	TK











HDP 100 ... HDP 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	4
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	LP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	DL - DR - DD
Option / Opzione / Opción Option / Option	TK



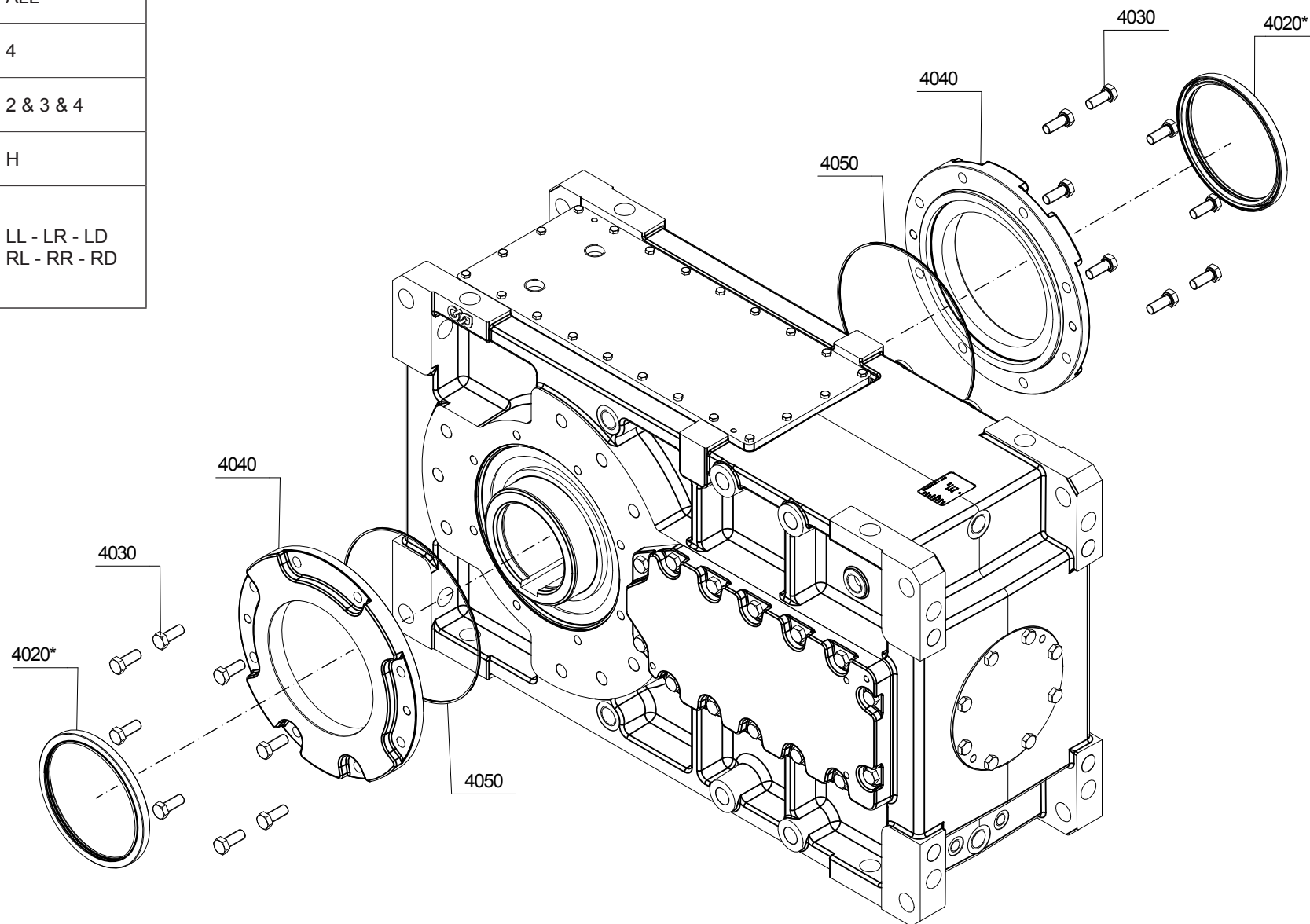
HDP 100 ... HDP 140

Pos	Description	Descrizione	Descripción	Description	Beschreibung
4010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
4020	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
4030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
4040	OPEN CAP	CAPPEL APERTO	SOMBRETERE ABIERTO	CAPUCHON OUVERT	OFFENE DECKEL
4050	ORING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT ORING	ORING GASKET
4060	PLAIN CAP	CAPPEL CHIUSO	SOMBRETERE	CAPUCHON FERME	SCHLUSSDECKEL
4070	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEISCHRAUBE
4080	STEI.CN SCREW	VITE S.T.E.I.CN	TORNILLO STEICN	VIS S.T.H.C	STEICNSCHRAUBE
4090	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
4100	GREASE NIPPLE	INGRASSATORE DIRITTO	ENGRASADOR RECTO	GRAISSEUR DROIT	GERADE FETTBUSCHE
4110	LAMELLAR OILSEAL	ANELLO TENUTA LAM	RETEN LAMINAR	JOINT ET.LAMELL	LAM.DICHTRING

	 4010	 4020	 4030	 OR 4050	 4070	 4080	 4100	 4110
HDP 100	32X18X195 A	160X190X15 DL	M14X40	240.89X3.53	M14X35	M6X10	1/4" GAS	160/6/1
HDP 110	32X18X220 A	170X200X15 DL	M14X40	253.6X3.53	M14X35	M6X10	1/4" GAS	170/6/1
HDP 120	36X20X220 A	180X210X15 DL	M16X40	278.99X3.53	M16X35	M6X10	1/4" GAS	180/7/1
HDP 125	40X22X280 A	200X230X15 DL	M16X40	291.69X3.53	M16X40	M6X10	1/4" GAS	200/8/1
HDP 130	40X22X280 A	220X250X15 DL	M20X50	329.79X3.53	M20X45	M6X10	1/4" GAS	220/8/1
HDP 140	45X25X280 A	240X270X15 DL	M20X50	355.19X3.53	M20X45	M6X10	1/4" GAS	240/8/1



HDP 100 ... HDP 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	4
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	H
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LL - LR - LD RL - RR - RD



HDP 100 ... HDP 140

Pos	Description	Descrizione	Descripción	Description	Beschreibung
4020*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
4030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
4040	OPEN CAP	CAPPEL APERTO	SOMBRETERE ABIERTO	CAPUCHON OUVERT	OFFENE DECKEL
4050	ORING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT ORING	ORING GASKET

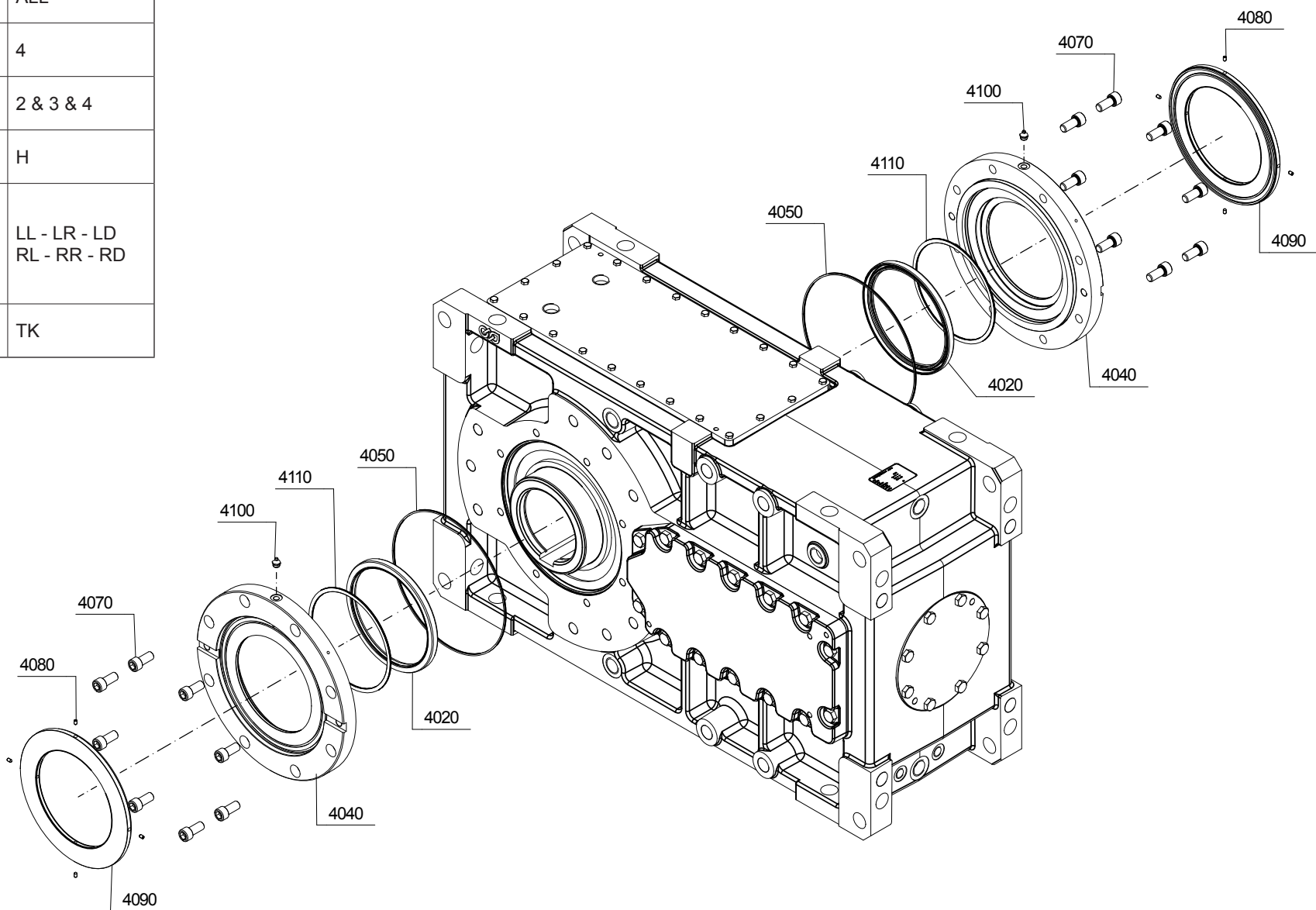
	 4030	 OR 4050
HDP 100	M14X40	240.89X3.53
HDP 110	M14X40	253.6X3.53
HDP 120	M16X40	278.99X3.53
HDP 125	M16X40	291.69X3.53
HDP 130	M20X50	329.79X3.53
HDP 140	M20X50	355.19X3.53

HDP 100 ... 140

NOTE: 4020* Refer page no: 148 / NOTA: 4020* Vedere pagina n°: 148 / NOTAS: 4020* Consultar página n.º: 148 / NOTE : 4020* Se référer à la page n° : 148 / HINWEIS: 4020* Siehe Seite: 148







HDP 100 ... HDP 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	4
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	H
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LL - LR - LD RL - RR - RD
Option / Opzione / Opción Option / Option	TK



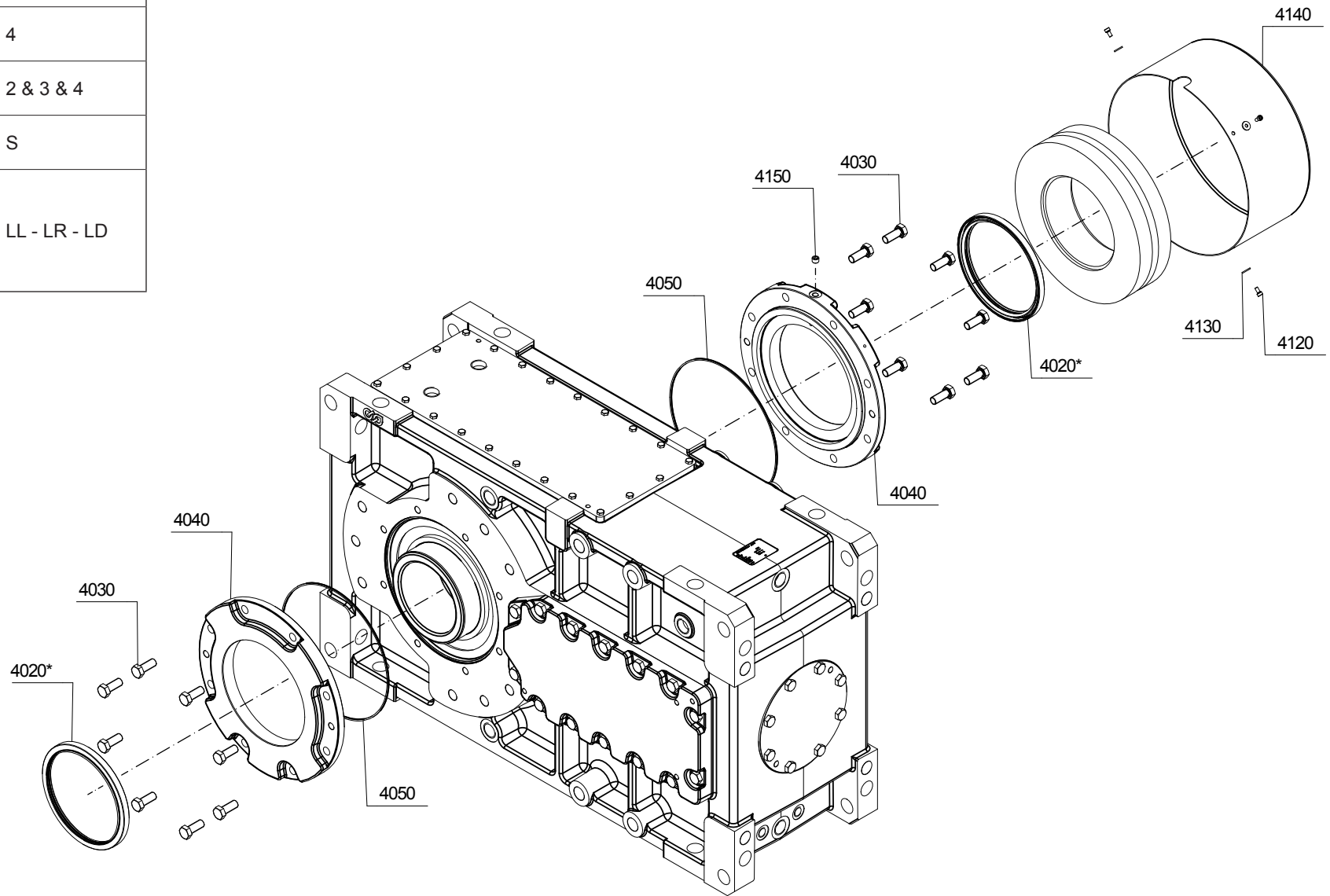
HDP 100 ... HDP 140

Pos	Description	Descrizione	Descripción	Description	Beschreibung
4020	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
4040	OPEN CAP	CAPPEL APERTO	SOMBRETERE ABIERTO	CAPUCHON OUVERT	OFFENE DECKEL
4050	ORING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT ORING	ORING GASKET
4070	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEISCHRAUBE
4080	STEI.CN SCREW	VITE S.T.E.I.CN	TORNILLO STEICN	VIS S.T.H.C	STEICNSCHRAUBE
4090	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
4100	GREASE NIPPLE	INGRASSATORE DIRITTO	ENGRASADOR RECTO	GRAISSEUR DROIT	GERADE FETTBUSCHE
4110	LAMELLAR OILSEAL	ANELLO TENUTA LAM	RETEN LAMINAR	JOINT ET.LAMELL	LAM.DICHTRING

	 4020	 OR 4050	 4070	 4080	 4100	 4110
HDP 100	160X190X15 DL	240.89X3.53	M14X35	M6X10	1/4" GAS	160/6/1
HDP 110	170X200X15 DL	253.6X3.53	M14X35	M6X10	1/4" GAS	170/6/1
HDP 120	180X210X15 DL	278.99X3.53	M16X35	M6X10	1/4" GAS	180/7/1
HDP 125	200X230X15 DL	291.69X3.53	M16X40	M6X10	1/4" GAS	200/8/1
HDP 130	220X250X15 DL	329.79X3.53	M20X45	M6X10	1/4" GAS	220/8/1
HDP 140	240X270X15 DL	355.19X3.53	M20X45	M6X10	1/4" GAS	240/8/1

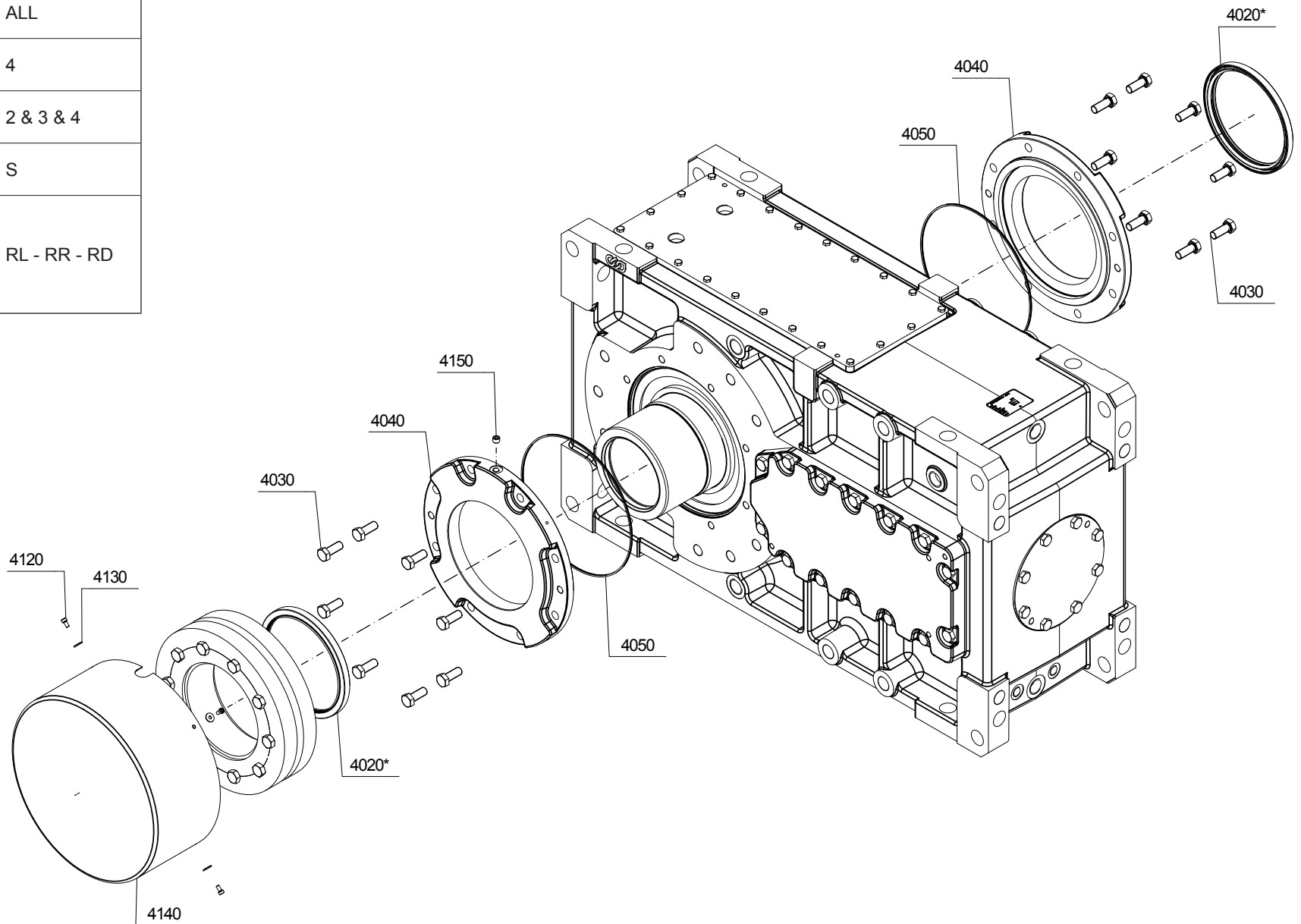
HDP 100 ... HDP 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	4
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	S
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LL - LR - LD








HDP 100 ... HDP 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	4
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	S
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	RL - RR - RD



HDP 100 ... HDP 140

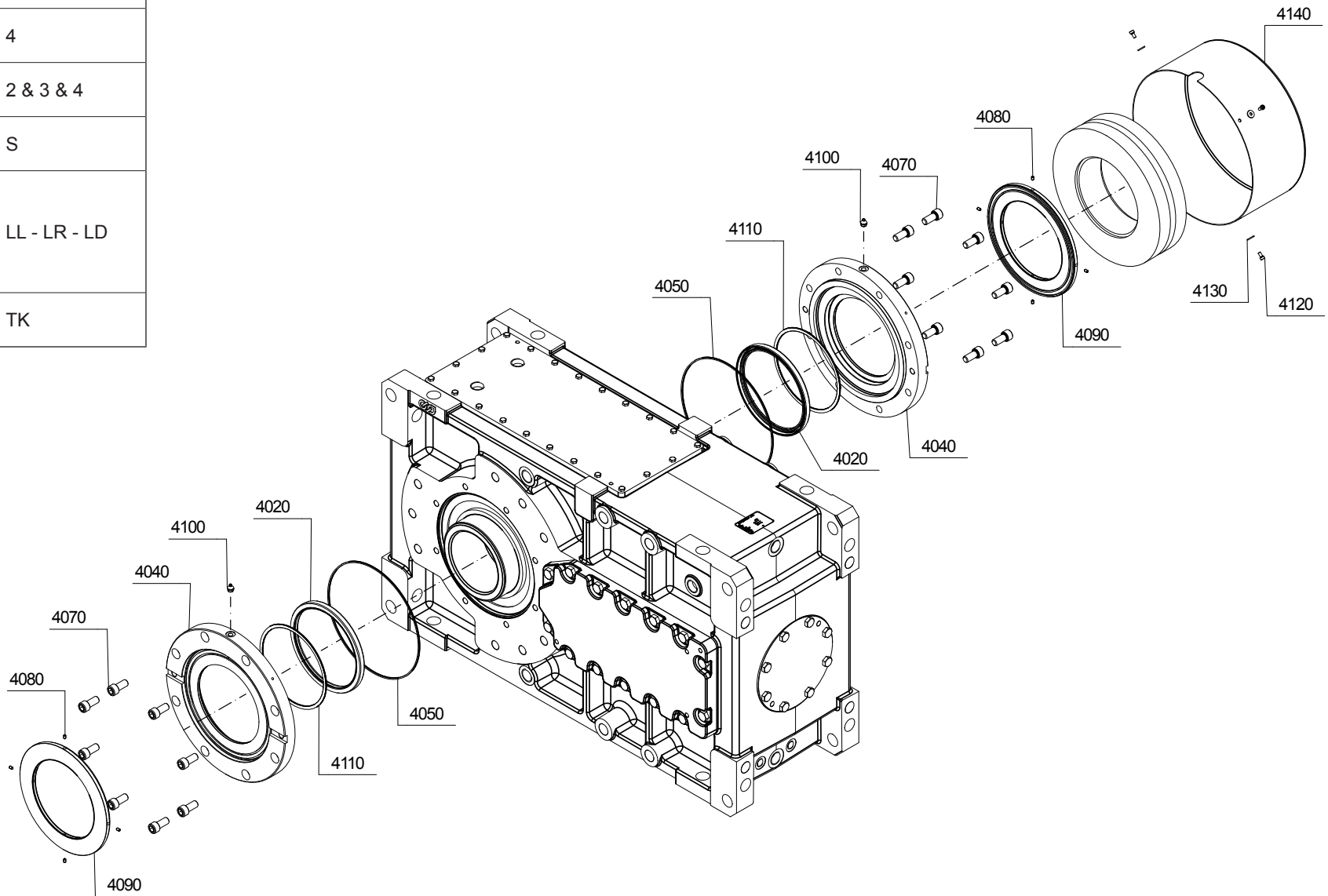
Pos	Description	Descrizione	Descripción	Description	Beschreibung
4020*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
4030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
4040	OPEN CAP	CAPPEL APERTO	SOMBRETERE ABIERTO	CAPUCHON OUVERT	OFFENE DECKEL
4050	ORING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT ORING	ORING GASKET
4120	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	ZYLINDERKOPFSCHR
4130	WASHER	RONDELLA PIANA	ARANDELA PLANA	RONDELLE PLATE	FLACHSCHEIBE
4140	SHRINK DISC PROTECTION	PROT CALET	PROT CALET	PROT FRET SERRAGE	PROT FRET SERRAGE
4150	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN

	 4030	 OR 4050	 4070	 4080	 4110
HDP 100	M14X40	240.89X3.53	M6X12	6.6X18X2	1/4" GAS
HDP 110	M14X40	253.6X3.53	M6X12	6.6X18X2	1/4" GAS
HDP 120	M16X40	278.99X3.53	M6X12	6.6X18X2	1/4" GAS
HDP 125	M16X40	291.69X3.53	M6X12	6.6X18X2	1/4" GAS
HDP 130	M20X50	329.79X3.53	M6X12	6.6X18X2	1/4" GAS
HDP 140	M20X50	355.19X3.53	M6X12	6.6X18X2	1/4" GAS

NOTE: 4020* Refer page no: 148 / NOTA: 4020* Vedere pagina n°: 148 / NOTAS: 4020* Consultar página n.º: 148 / NOTE : 4020* Se référer à la page n° : 148 / HINWEIS: 4020* Siehe Seite: 148

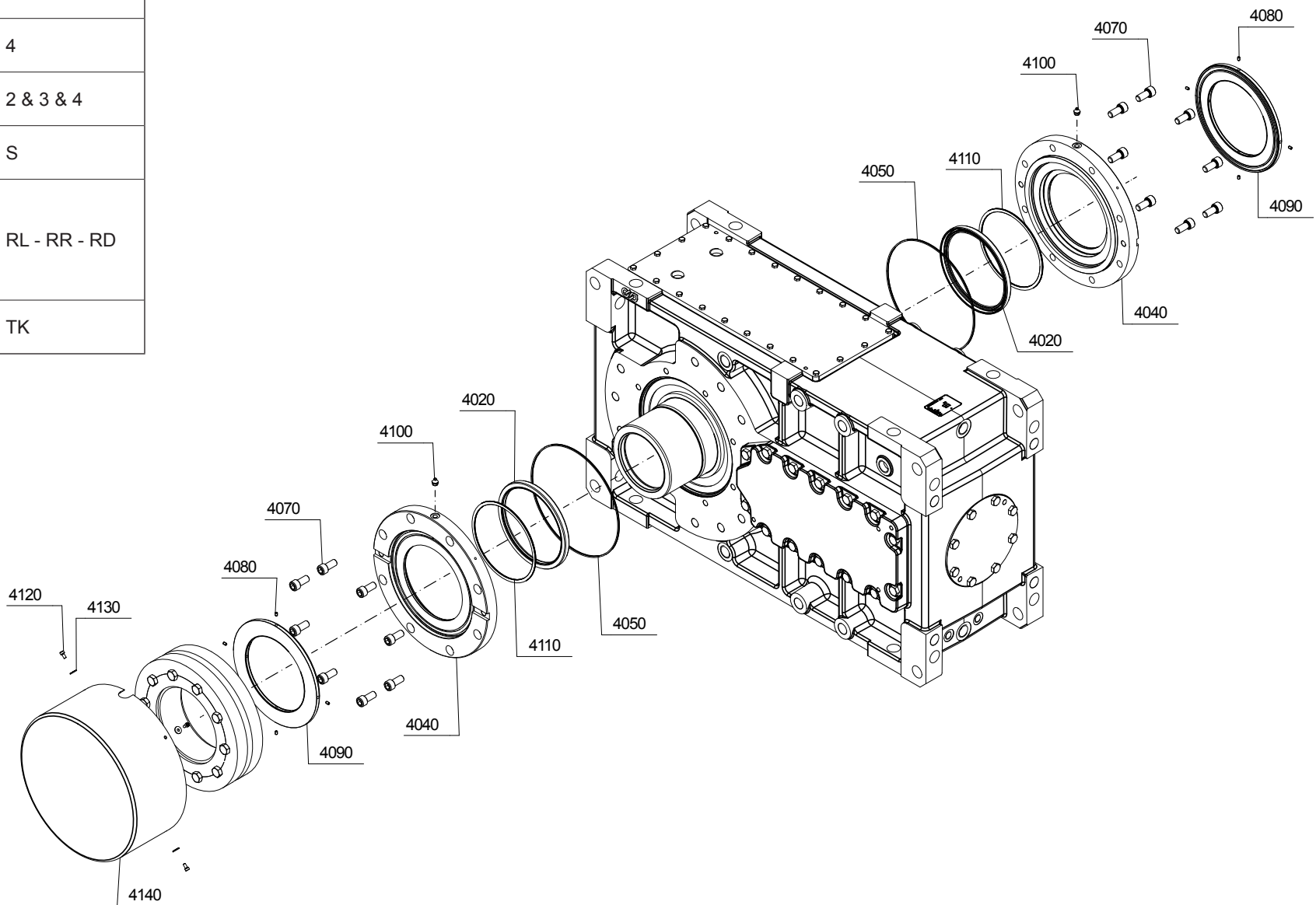
HDP 100 ... HDP 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	4
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	S
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LL - LR - LD
Option / Opzione / Opción Option / Option	TK











HDP 100 ... HDP 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	4
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	S
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	RL - RR - RD
Option / Opzione / Opción Option / Option	TK



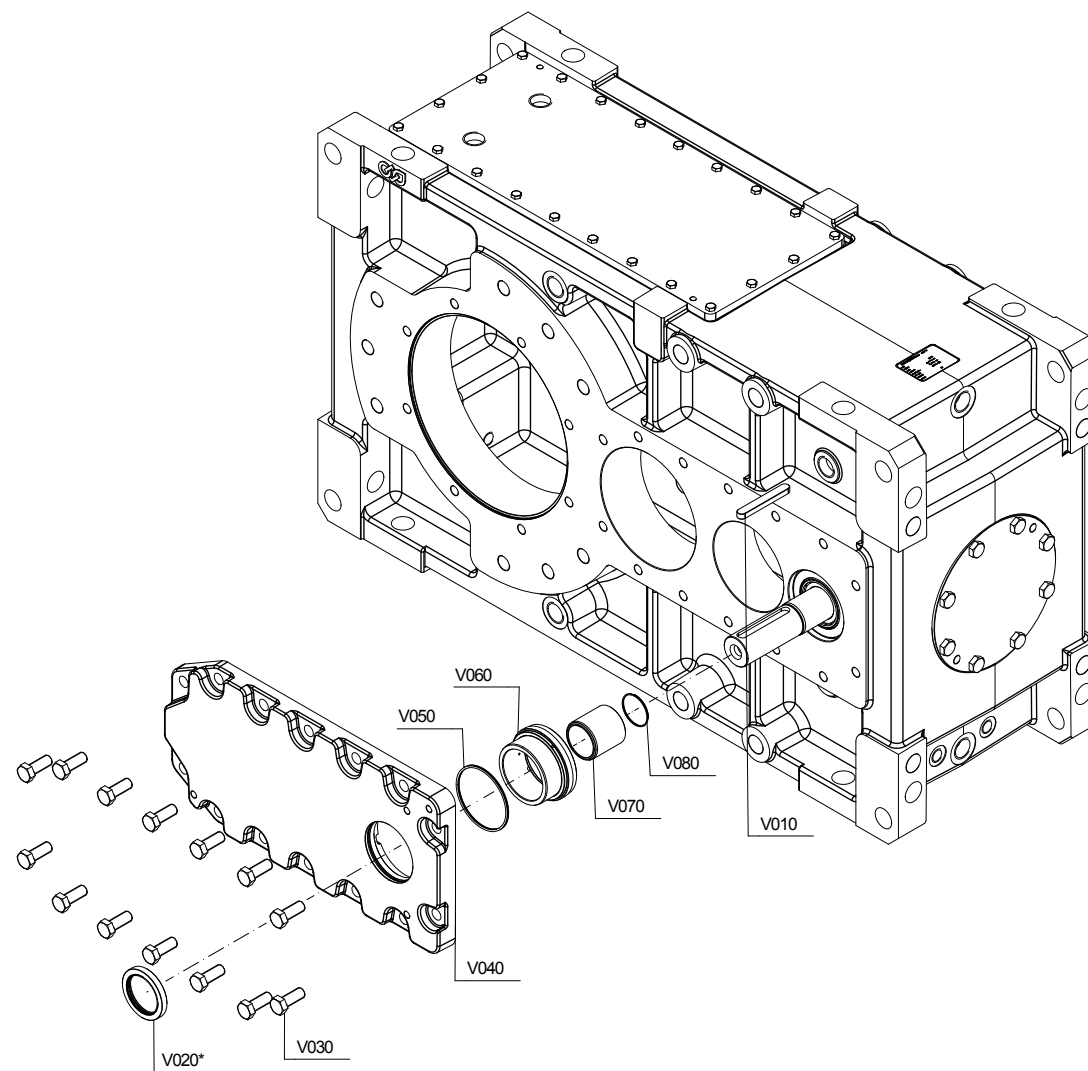
HDP 100 ... HDP 140

Pos	Description	Descrizione	Descripción	Description	Beschreibung
4020	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
4040	OPEN CAP	CAPPEL APERTO	SOMBRETERE ABIERTO	CAPUCHON OUVERT	OFFENE DECKEL
4050	ORING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT ORING	ORING GASKET
4070	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEISCHRAUBE
4080	STEI.CN SCREW	VITE S.T.E.I.CN	TORNILLO STEICN	VIS S.T.H.C	STEICNSCHRAUBE
4090	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
4100	GREASE NIPPLE	INGRASSATORE DIRITTO	ENGRASADOR RECTO	GRAISSEUR DROIT	GERADE FETTBUSCHE
4110	LAMELLAR OILSEAL	ANELLO TENUTA LAM	RETEN LAMINAR	JOINT ET.LAMELL	LAM.DICHTRING
4120	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	ZYLINDERKOPFSCHR
4130	WASHER	RONDELLA PIANA	ARANDELA PLANA	RONDELLE PLATE	FLACHSCHEIBE
4140	SHRINK DISC PROTECTION	PROT CALET	PROT CALET	PROT FRET SERRAGE	PROT FRET SERRAGE

	 4020	 OR 4050	 4070	 4120	 4080	 4100	 4110	 4130
HDP 100	160X190X15 DL	240.89X3.53	M14X35	M6X12	M6X10	1/4" GAS	160/6/1	6.6X18X2
HDP 110	170X200X15 DL	253.6X3.53	M14X35	M6X12	M6X10	1/4" GAS	170/6/1	6.6X18X2
HDP 120	180X210X15 DL	278.99X3.53	M16X35	M6X12	M6X10	1/4" GAS	180/7/1	6.6X18X2
HDP 125	200X230X15 DL	291.69X3.53	M16X40	M6X12	M6X10	1/4" GAS	200/8/1	6.6X18X2
HDP 130	220X250X15 DL	329.79X3.53	M20X45	M6X12	M6X10	1/4" GAS	220/8/1	6.6X18X2
HDP 140	240X270X15 DL	355.19X3.53	M20X45	M6X12	M6X10	1/4" GAS	240/8/1	6.6X18X2

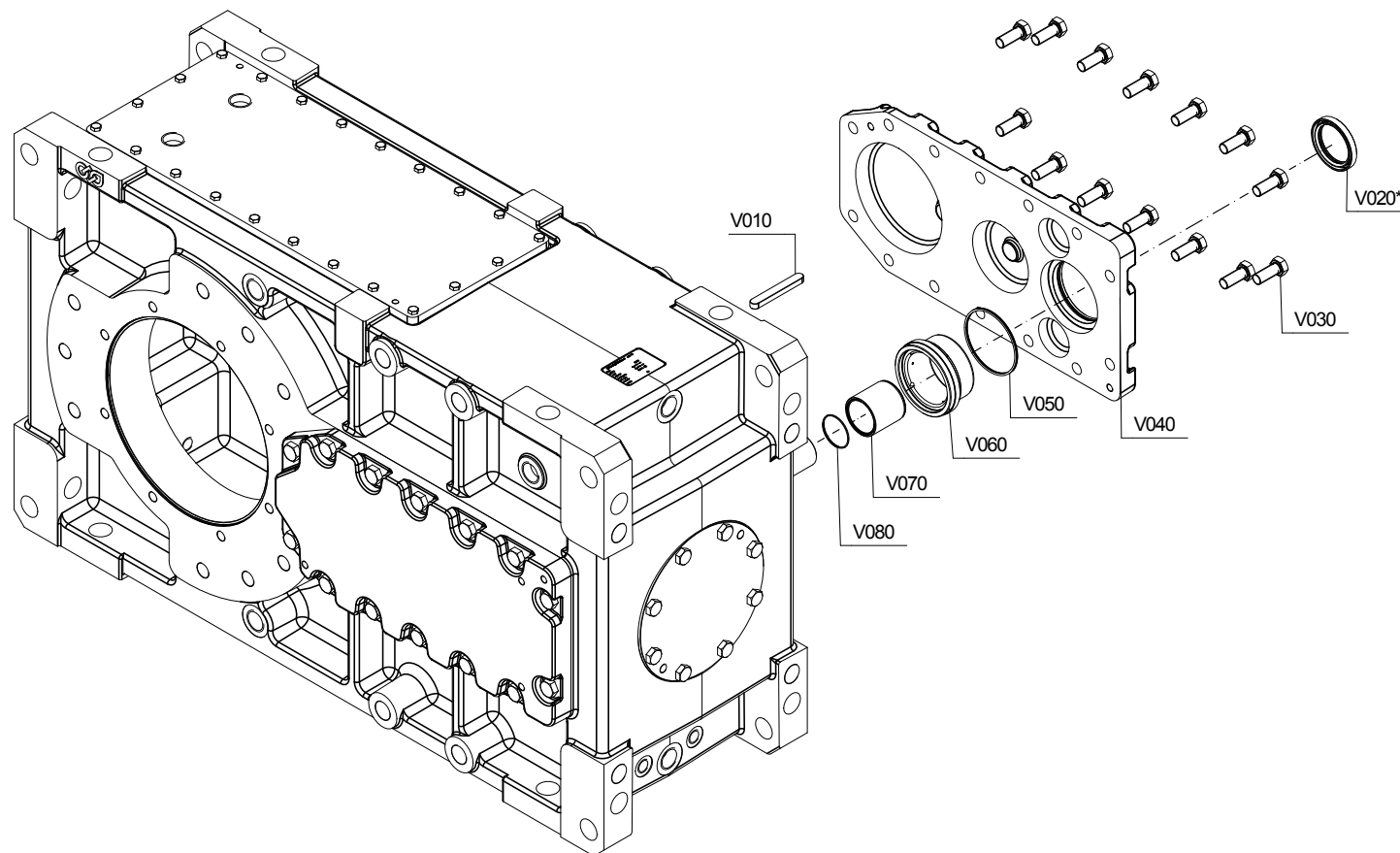
HDP 100 ... HDP 140

Size / Taglia / Tamaño Taille / Größe	100 / 110 / 120 / 125
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LL - RL - DL



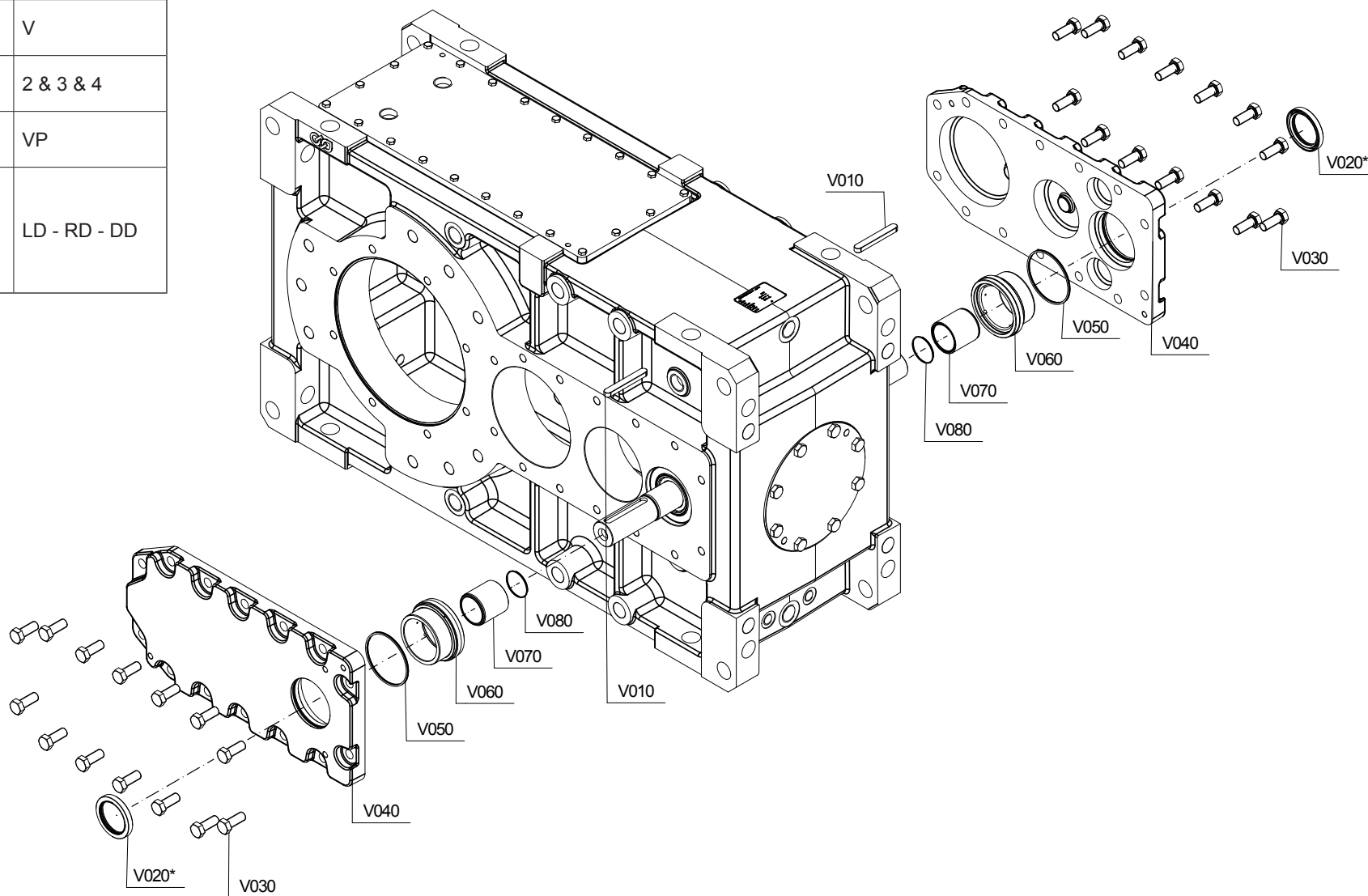
HDP 100 ... HDP 140

Size / Taglia / Tamaño Taille / Größe	100 / 110 / 120 / 125
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LR - RR - DR






HDP 100 ... HDP 140

Size / Taglia / Tamaño Taille / Größe	100 / 110 / 120 / 125
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LD - RD - DD



HDP 100 ... HDP 140

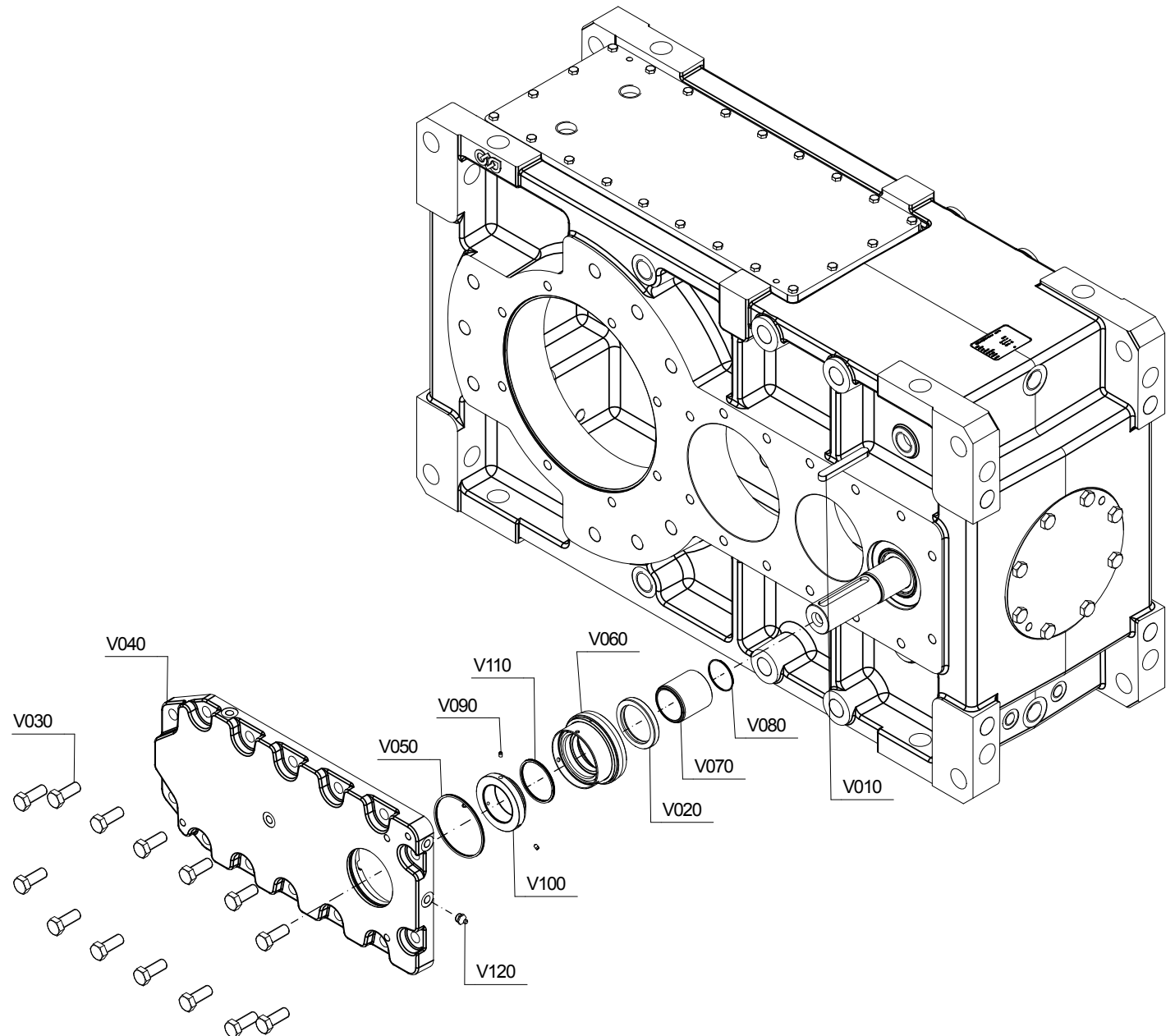
Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V020*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V040	PLAIN COVER	COPERCHIO CHIU	TAPA DE CIERRE	COUV.FERMETURE	SCHLUSSDECKEL
V050	ORING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT ORING	ORING GASKET
V060	OILSEAL BUSHING	BOCC PER ANEL TEN	CASQUILLO PARA RETEN	MANCHON DE JOI.ETAN.	ORINGBUCHSE
V070	OILSEAL BUSHING	BOCC PER ANEL TEN	CASQUILLO PARA RETEN	MANCHON DE JOI.ETAN.	ORINGBUCHSE
V080	ORING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT ORING	ORING GASKET

	Stages Stadi Etapas Étages Stufen			 OR		RATIO
				V010	V030	
HDP 100	2	18X11X125 A	M14X40	126.6X3.53	-	-
	3	14X9X100 A		94.84X3.53	47.35X1.78	22.8-25.3-28.1-31.3-35.4-39.3-45.0-50.0
	4	10X8X70 A		94.84X3.53	-	-
HDP 110	2	18X11X125 A	M14X40	126.6X3.53	-	-
	3	14X9X100 A		94.84X3.53	47.35X1.78	24.9-27.6-30.7-34.0-38.7-42.8-49.2-54.5
	4	10X8X70 A		94.84X3.53	-	-
HDP 120	2	20X12X125 A	M16X40	145.64X3.53	72.69X2.62	ALL
	3	14X9X100 A		94.84X3.53	47.35X1.78	25.8-28.0-32.5-35.4-39.9-43.5-51.6-56.1
	4	10X8X70 A		94.84X3.53	-	-
HDP 125	2	20X12X125 A	M16X40	145.64X3.53	72.69X2.62	ALL
	3	14X9X100 A		94.84X3.53	47.35X1.78	29.1-31.3-36.7-39.5-45.1-48.5-58.2-62.6
	4	10X8X70 A		94.84X3.53	-	-

NOTE: V020* Refer page no: 149 / NOTA: V020* Vedere pagina n°: 149 / NOTAS: V020* Consultar página n.º: 149 / NOTE : V020* Se référer à la page n° : 149 / HINWEIS: V020* Siehe Seite: 149

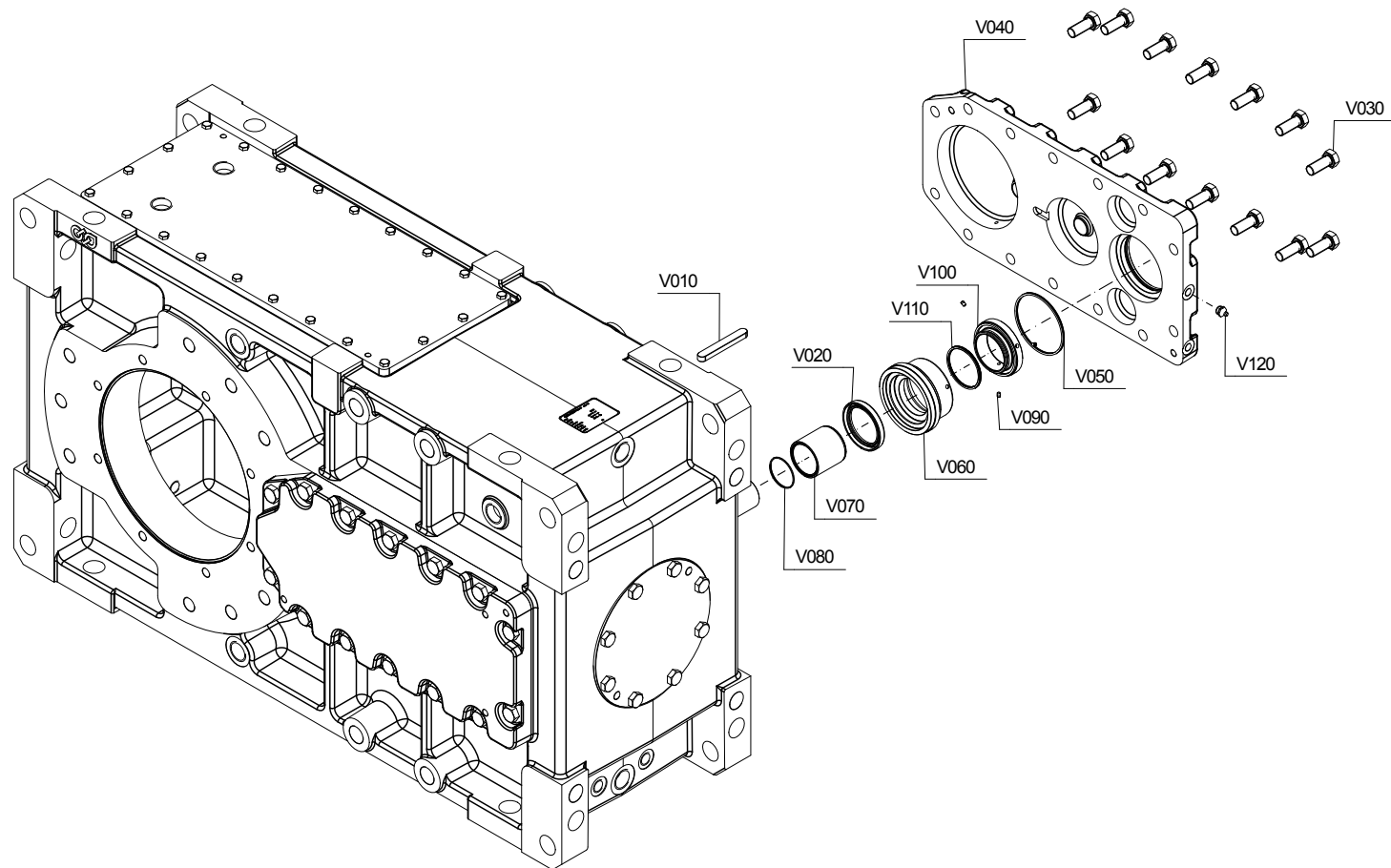
HDP 100 ... HDP 140

Size / Taglia / Tamaño Taille / Größe	100 / 110 / 120 / 125
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LL - RL - DL
Option / Opzione / Opción Option / Option	TK



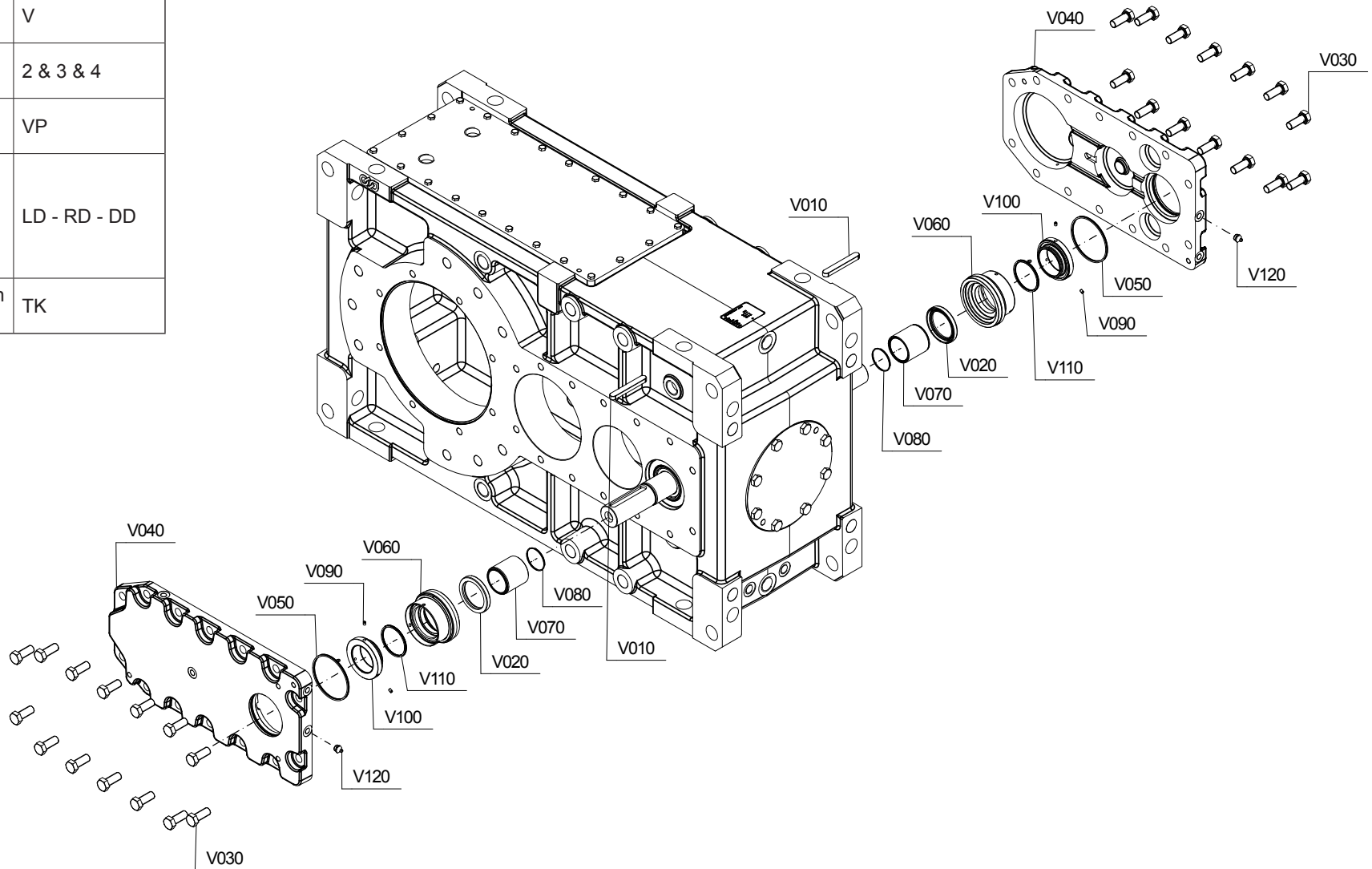
HDP 100 ... HDP 140

Size / Taglia / Tamaño Taille / Größe	100 / 110 / 120 / 125
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LR - RR - DR
Option / Opzione / Opción Option / Option	TK



HDP 100 ... HDP 140

Size / Taglia / Tamaño Taille / Größe	100 / 110 / 120 / 125
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LD - RD - DD
Option / Opzione / Opción Option / Option	TK










HDP 100 ... 140

HDP 100 ... HDP 140

Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V020	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V040	PLAIN COVER	COPERCHIO CHIU	TAPA DE CIERRE	COUV.FERMETURE	SCHLUSSDECKEL
V050	ORING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT ORING	ORING GASKET
V060	OILSEAL BUSHING	BOCC PER ANEL TEN	CASQUILLO PARA RETEN	MANCHON DE JOI.ETAN.	ORINGBUCHSE
V070	OILSEAL BUSHING	BOCC PER ANEL TEN	CASQUILLO PARA RETEN	MANCHON DE JOI.ETAN.	ORINGBUCHSE
V080	ORING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT ORING	ORING GASKET
V090	STEI.CN SCREW	VITE S.T.E.I.CN	TORNILLO STEICN	VIS S.T.H.C	STEICNSCHRAUBE
V100	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V110	LAMELLAR OILSEAL	ANELLO TENUTA LAM	RETEN LAMINAR	JOINT ET.LAMELL	LAM.DICHTRING
V120	GREASE NIPPLE	INGRASSATORE DIRITTO	ENGRASADOR RECTO	GRAISSEUR DROIT	GERADE FETTBUSCHE

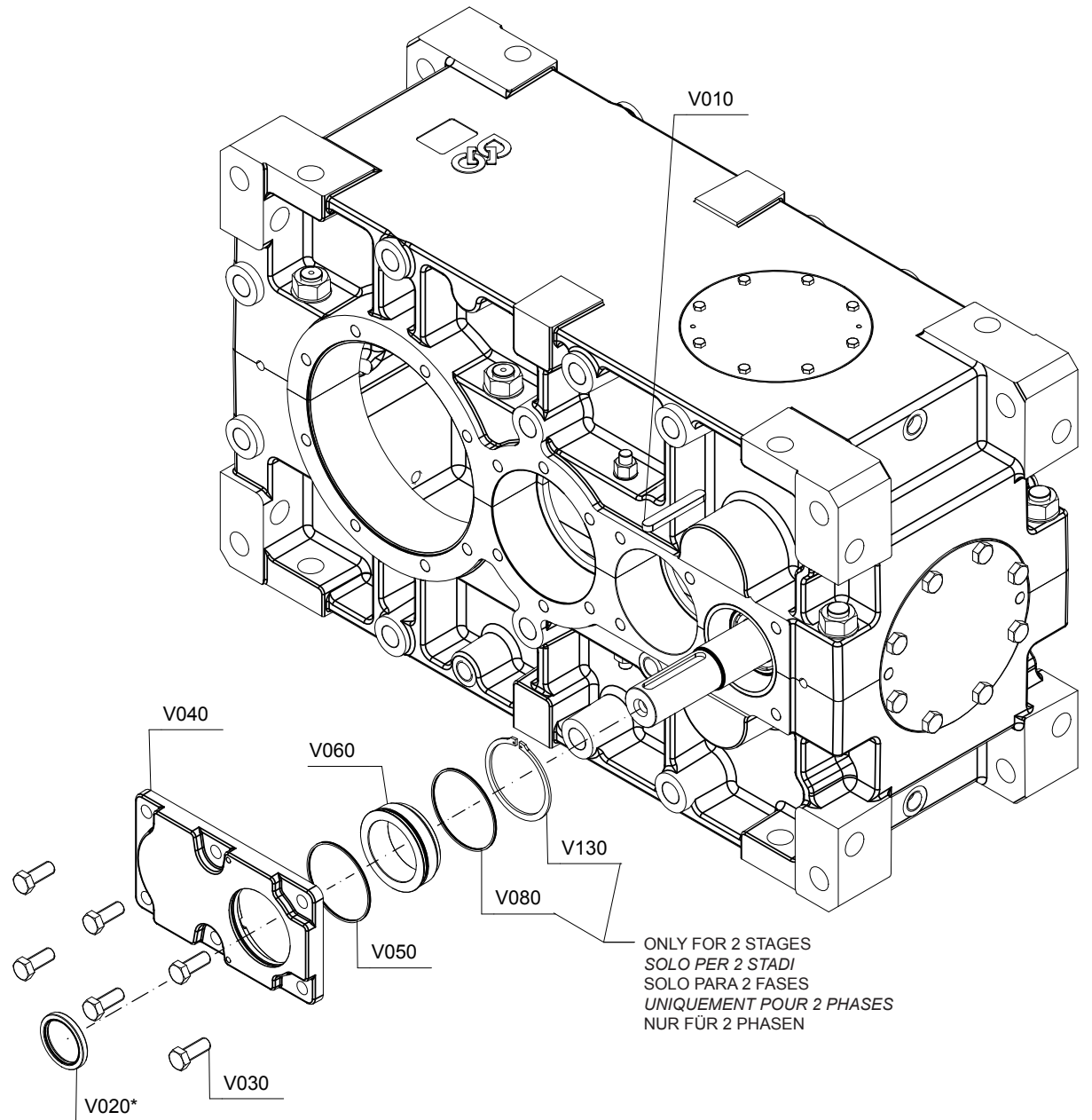
HDP 100 ... HDP 140

	Stages Stadi Etapas Étages Stufen						 OR			RATIO
		V010	V030	V090	V110	V120	V050	V080	V020	
HDP 100	2	18X11X125 A	M14X40	M5X8	78/3.3/1.65	1/4" GAS	126.6X3.53	-	65X90X10 L	-
	3	14X9X100 A			70/3.1/1.65		94.84X3.53	47.35X1.78	60X80X10 L	22.8-25.3-28.1-31.3-35.4-39.3-45.0-50.0
	4	10X8X70 A			48/2.2/1.45		94.84X3.53	-	50X80X8 L	55.5-61.7-69.9-77.7-88.9-98.8-107.6
HDP 110	2	18X11X125 A	M14X40	M5X8	78/3.3/1.65	1/4" GAS	126.6X3.53	-	65X90X10 L	-
	3	14X9X100 A			70/3.1/1.65		94.84X3.53	47.35X1.78	60X80X10 L	24.9-27.6-30.7-34.0-38.7-42.8-49.2-54.5
	4	10X8X70 A			48/2.2/1.45		94.84X3.53	-	50X80X8 L	60.7-67.2-76.4-84.6-97.1-107.6-123.4
HDP 120	2	20X12X125 A	M16X40	M5X8	102/4.1/1.65	1/4" GAS	145.64X3.53	72.69X2.62	90X110X12 L	ALL
	3	14X9X100 A			70/3.1/1.65		94.84X3.53	47.35X1.78	60X80X10 L	25.8-28.0-32.5-35.4-39.9-43.5-51.6-56.1
	4	10X8X70 A			48/2.2/1.45		94.84X3.53	-	50X80X8 L	64.3-70.0-78.9-85.9-101.8-110.9-125.2
HDP 125	2	20X12X125 A	M16X40	M5X8	102/4.1/1.65	1/4" GAS	145.64X3.53	-	90X110X12 L	ALL
	3	14X9X100 A			70/3.1/1.65		94.84X3.53	47.35X1.78	60X80X10 L	29.1-31.3-36.7-39.5-45.1-48.5-58.2-62.6
	4	10X8X70 A			48/2.2/1.45		94.84X3.53	-	50X80X8 L	72.5-78.0-89.0-95.8-114.9-123.6

HDP 100 ... 140

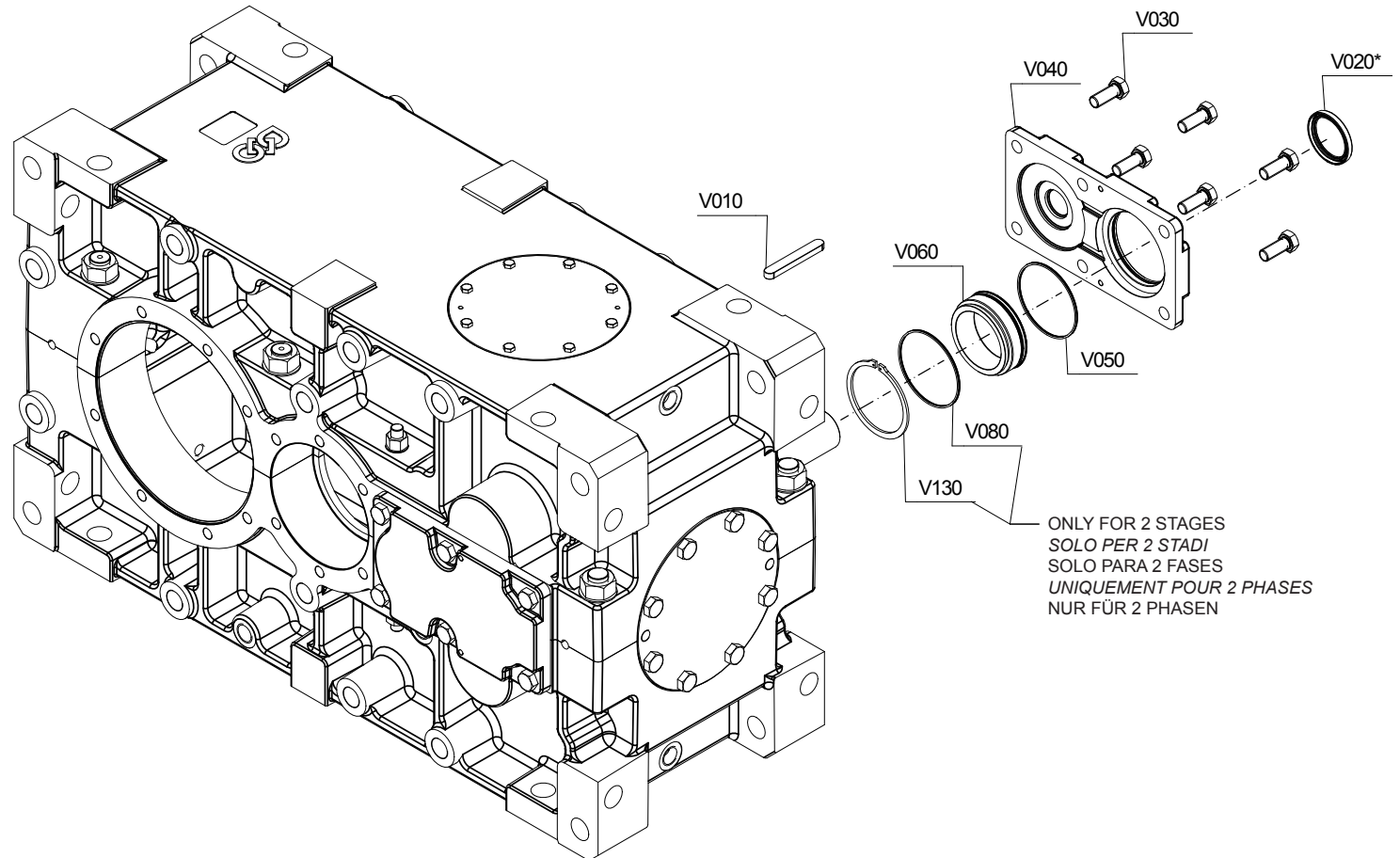
HDP 100 ... HDP 140

Size / Taglia / Tamaño Taille / Größe	130 / 140
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LL - RL - DL



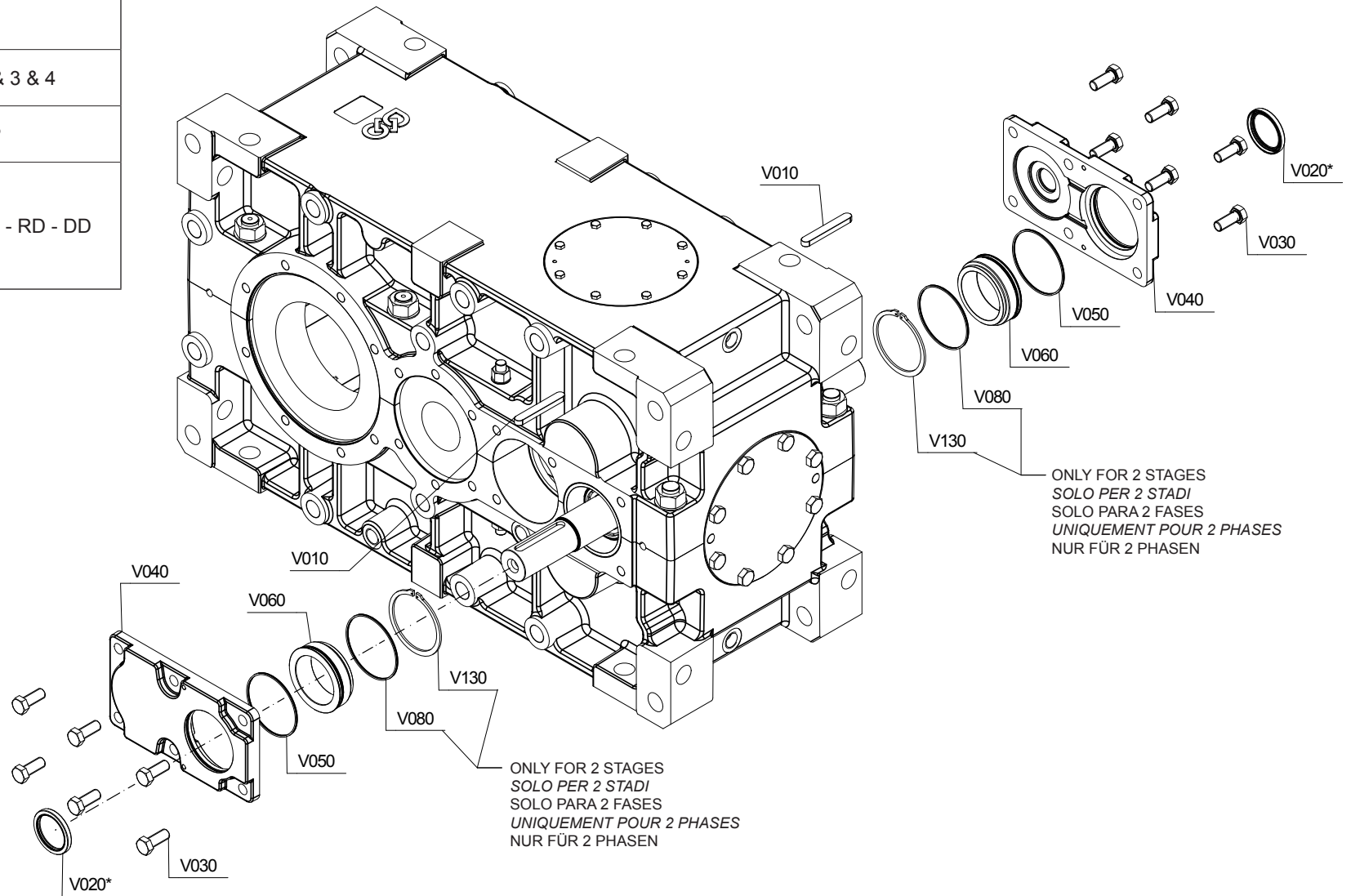
HDP 100 ... HDP 140

Size / Taglia / Tamaño Taille / Größe	130 / 140
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LR - RR - DR








HDP 100 ... HDP 140

Size / Taglia / Tamaño Taille / Größe	130 / 140
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LD - RD - DD



HDP 100 ... HDP 140

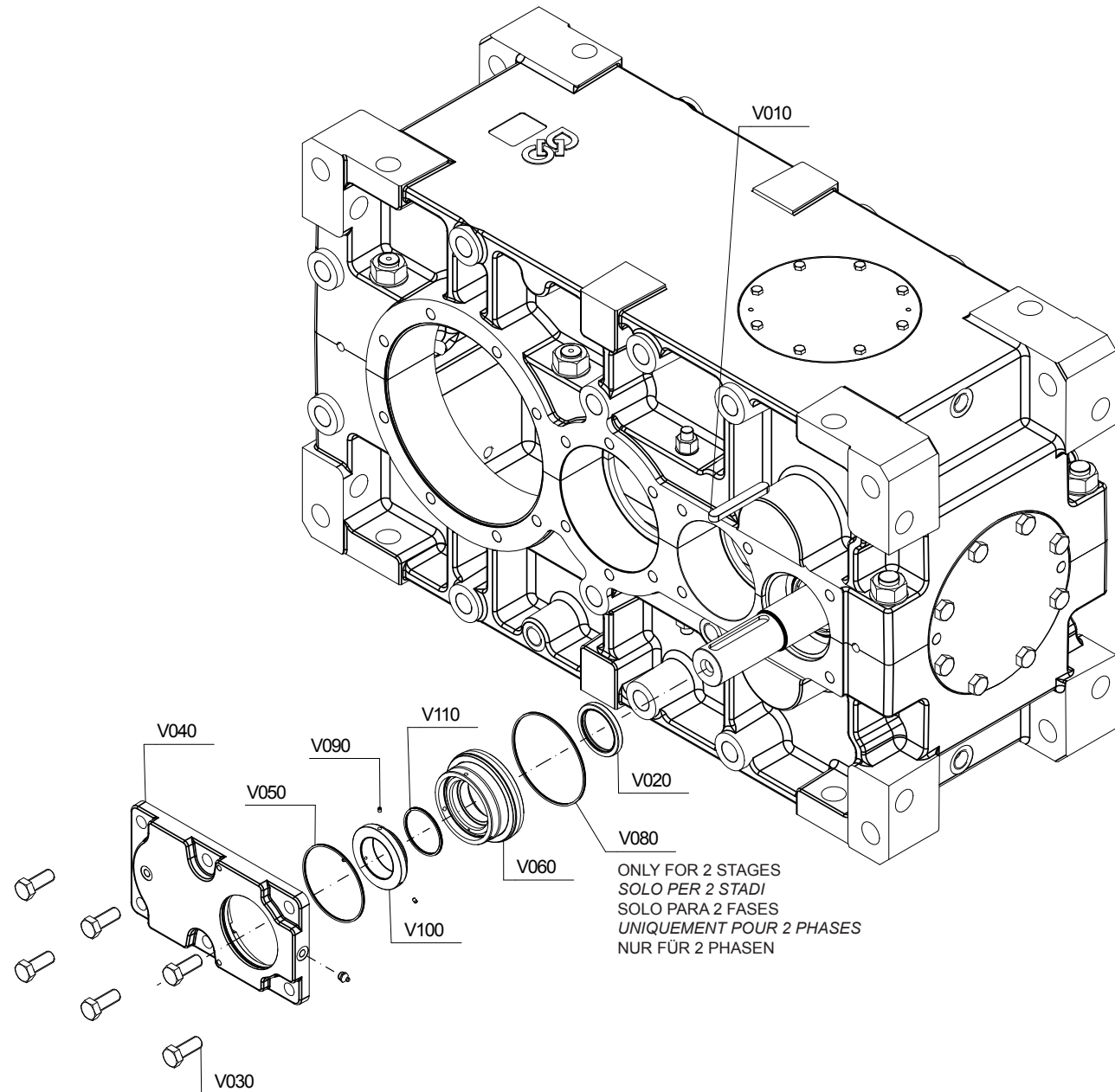
Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V020*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V030	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEISCHRAUBE
V040	PLAIN COVER	COPERCHIO CHIU	TAPA DE CIERRE	COUV.FERMETURE	SCHLUSSDECKEL
V050	ORING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT ORING	ORING GASKET
V060	OILSEAL BUSHING	BOCC PER ANEL TEN	CASQUILLO PARA RETEN	MANCHON DE JOI.ETAN.	ORINGBUCHSE
V080	ORING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT ORING	ORING GASKET
V130	SHAFT CIRCLIP	AN.ELASTICOALBERO	AN.ELASTICOEJE	BAGUE ELAST.ARBRE	SEEGERRING WELLE

	Stages Stadi Etapas Étages Stufen			 OR				RATIO
		V030	V030	V050	V080	V130	V010	
HDP 130	2	M20X45	-	177.4X3.53	-	-	25X14X160 A	7.3-7.9-8.6-9.4-11.3-12.3
					123.42X3.53	120X4	20X12X125 A	14.1-15.4-17.4-19.0-21.7
	3	-	M20X50	126.6X3.53	-	-	18X11X125 A	21.8-23.8-28.6-31.2-35.7-39.0-44.1-48.1
							14X9X100 A	56.5-61.7-70.7-77.1-87.2-95.1-108.3
	4	-	M20X50	126.6X3.53	-	-	12X8X100 A	111.2-121.4-139.0-151.7-176.7-192.9-217.9-237.9
							10X8X70 A	274.5-299.6-348.9-380.9-469.8-534.5
HDP 140	2	M20X45	-	177.4X3.53	-	-	25X14X160 A	8.4-9.3-9.9-11.0-13.0-14.4
					123.42X3.53	120X4	20X12X125 A	16.3-18.0-20.1-22.2-24.9
	3	-	M20X50	126.6X3.53	-	-	18X11X125 A	25.1-27.7-32.9-36.4-41.1-45.5-50.7-56.2
							14X9X100 A	65.1-72.0-81.3-90.0-100.3-111.0-124.7
	4	-	M20X50	126.6X3.53	-	-	12X8X100 A	141.6-160.0-177.0-197.3-225.0-250.8-277.5
							10X8X70 A	315.9-349.6-401.6-444.4-495.3

NOTE: V020* Refer page no: 149 / NOTA: V020* Vedere pagina n°: 149 / NOTAS: V020* Consultar página n.º: 149 / NOTE : V020* Se référer à la page n° : 149 / HINWEIS: V020* Siehe Seite: 149

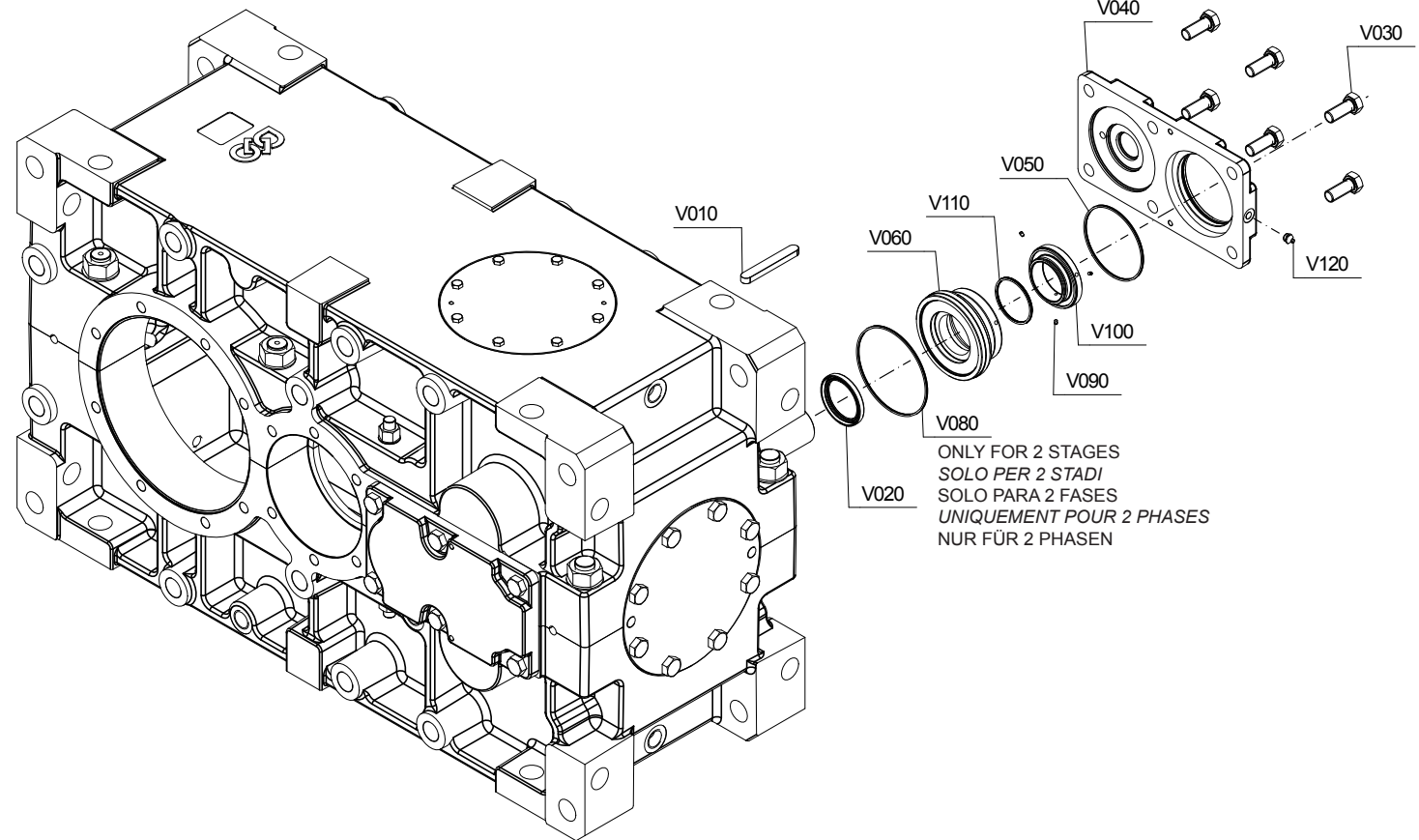
HDP 100 ... HDP 140

Size / Taglia / Tamaño Taille / Größe	130 / 140
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LL - RL - DL
Option / Opzione / Opción Option / Option	TK



HDP 100 ... HDP 140






Size / Taglia / Tamaño Taille / Größe	130 / 140
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LR - RR - DR
Option / Opzione / Opción Option / Option	TK






HDP 100 ... HDP 140

Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V020	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V030	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEISCHRAUBE
V040	PLAIN COVER	COPERCHIO CHIU	TAPA DE CIERRE	COUV.FERMETURE	SCHLUSSDECKEL
V050	ORING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT ORING	ORING GASKET
V060	OILSEAL BUSHING	BOCC PER ANEL TEN	CASQUILLO PARA RETEN	MANCHON DE JOI.ETAN.	ORINGBUCHSE
V080	ORING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT ORING	ORING GASKET
V090	STEI.CN SCREW	VITE S.T.E.I.CN	TORNILLO STEICN	VIS S.T.H.C	STEICNSCHRAUBE
V100	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V110	LAMELLAR OILSEAL	ANELLO TENUTA LAM	RETEN LAMINAR	JOINT ET.LAMELL	LAM.DICHTRING
V120	GREASE NIPPLE	INGRASSATORE DIRITTO	ENGRASADOR RECTO	GRAISSEUR DROIT	GERADE FETTBUSCHE

HDP 100 ... HDP 140

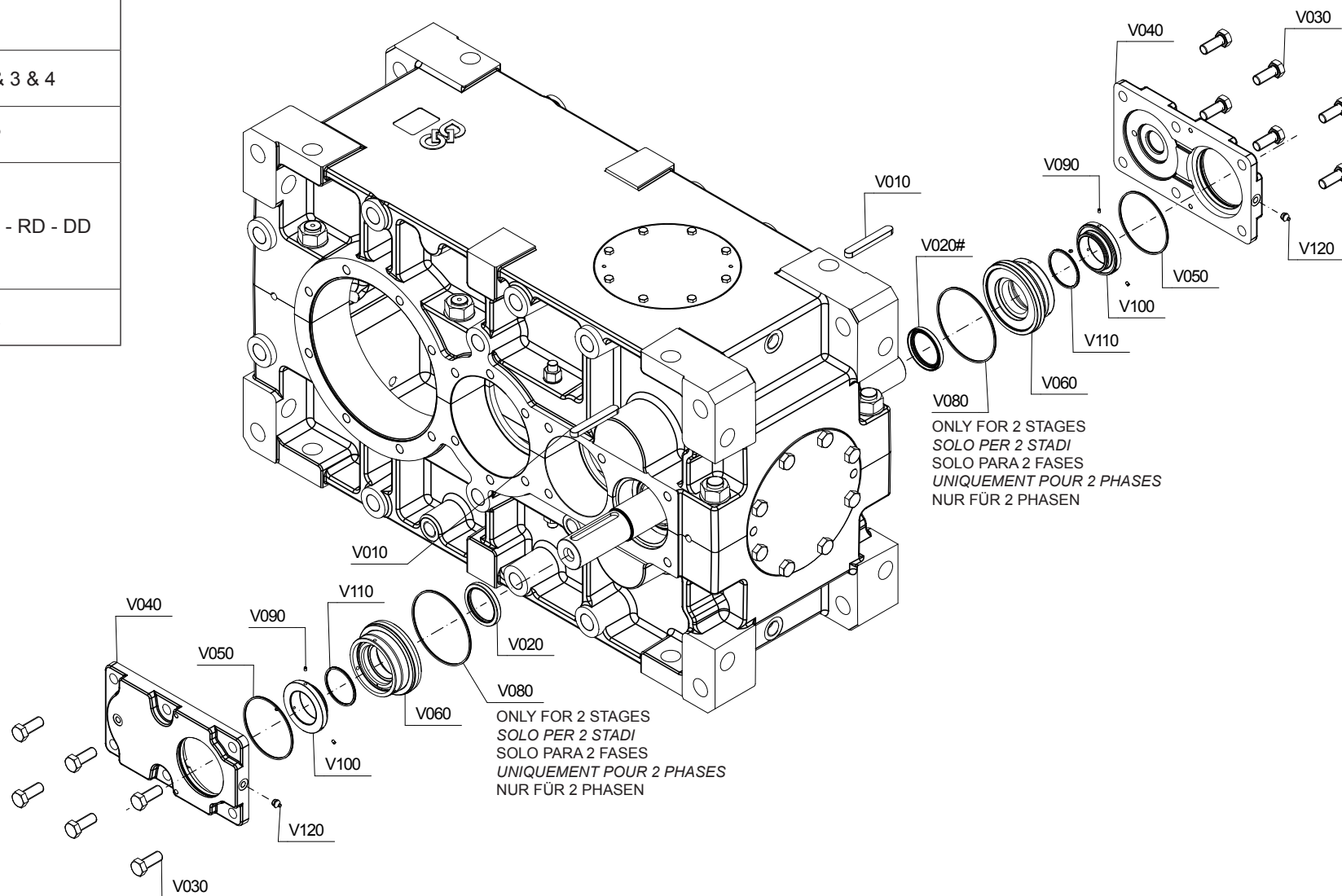
	Stages Stadi Etapas Étages Stufen			 OR			
		V030	V030	V050	V080	V090	V120
HDP 130	2	M20X45	-	177.4X3.53	151.99X3.53	M5X8	1/4"GAS
	3	-	M20X50	126.6X3.53	-		
	4	-	M20X50	126.6X3.53	-		
HDP 140	2	M20X45	-	177.4X3.53	151.99X3.53	M5X8	1/4"GAS
	3	-	M20X50	126.6X3.53	-		
	4	-	M20X50	126.6X3.53	-		

	Stages Stadi Etapas Étages Stufen				RATIO
		V030	V030	V010	
HDP 130	2	120/5/1.96	25X14X160 A	100X130X12 L	7.3-7.9-8.6-9.4-11.3-12.3
		95/3.8/1.65	20X12X125 A	75X100X10 L	14.1-15.4-17.4-19.0-21.7
	3	82/3.5/1.65	18X11X125 A	70X90X10 DL	21.8-23.8-28.6-31.2-35.7-39.0-44.1-48.1
			14X9X100 A	60X90X10 L	56.5-61.7-70.7-77.1-87.2-95.1-108.3
	4	70/3.1/1.65	12X8X100 A	50X72X8 L	111.2-121.4-139.0-151.7-176.7-192.9-217.9-237.9
			10X8X70 A	35X72X10 L	274.5-299.6-348.9-380.9-469.8-534.5
HDP 140	2	120/5/1.96	25X14X160 A	100X130X12 L	8.4-9.3-9.9-11.0-13.0-14.4
		95/308/1.65	20X12X125 A	75X100X10 L	16.3-18.0-20.1-22.2-24.9
	3	82/3.5/1.65	18X11X125 A	70X90X10 DL	25.1-27.7-32.9-36.4-41.1-45.5-50.7-56.2
			14X9X100 A	60X90X10 L	65.1-72.0-81.3-90.0-100.3-111.0-124.7
	4	70/3.1/1.65	12X8X100 A	50X72X8 L	141.6-160.0-177.0-197.3-225.0-250.8-277.5
			10X8X70 A	35X72X10 L	315.9-349.6-401.6-444.4-495.3

HDP 100 ... 140

HDP 100 ... HDP 140






Size / Taglia / Tamaño Taille / Größe	130 / 140
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LD - RD - DD
Option / Opzione / Opción Option / Option	TK






HDP 100 ... HDP 140

Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V020	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V020#	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V030	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEISCHRAUBE
V040	PLAIN COVER	COPERCHIO CHIU	TAPA DE CIERRE	COUV.FERMETURE	SCHLUSSDECKEL
V050	ORING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT ORING	ORING GASKET
V060	OILSEAL BUSHING	BOCC PER ANEL TEN	CASQUILLO PARA RETEN	MANCHON DE JOI.ETAN.	ORINGBUCHSE
V080	ORING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT ORING	ORING GASKET
V090	STEI.CN SCREW	VITE S.T.E.I.CN	TORNILLO STEICN	VIS S.T.H.C	STEICNSCHRAUBE
V100	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V110	LAMELLAR OILSEAL	ANELLO TENUTA LAM	RETEN LAMINAR	JOINT ET.LAMELL	LAM.DICHTRING
V120	GREASE NIPPLE	INGRASSATORE DIRITTO	ENGRASADOR RECTO	GRAISSEUR DROIT	GERADE FETTBUSCHE

HDP 100 ... HDP 140

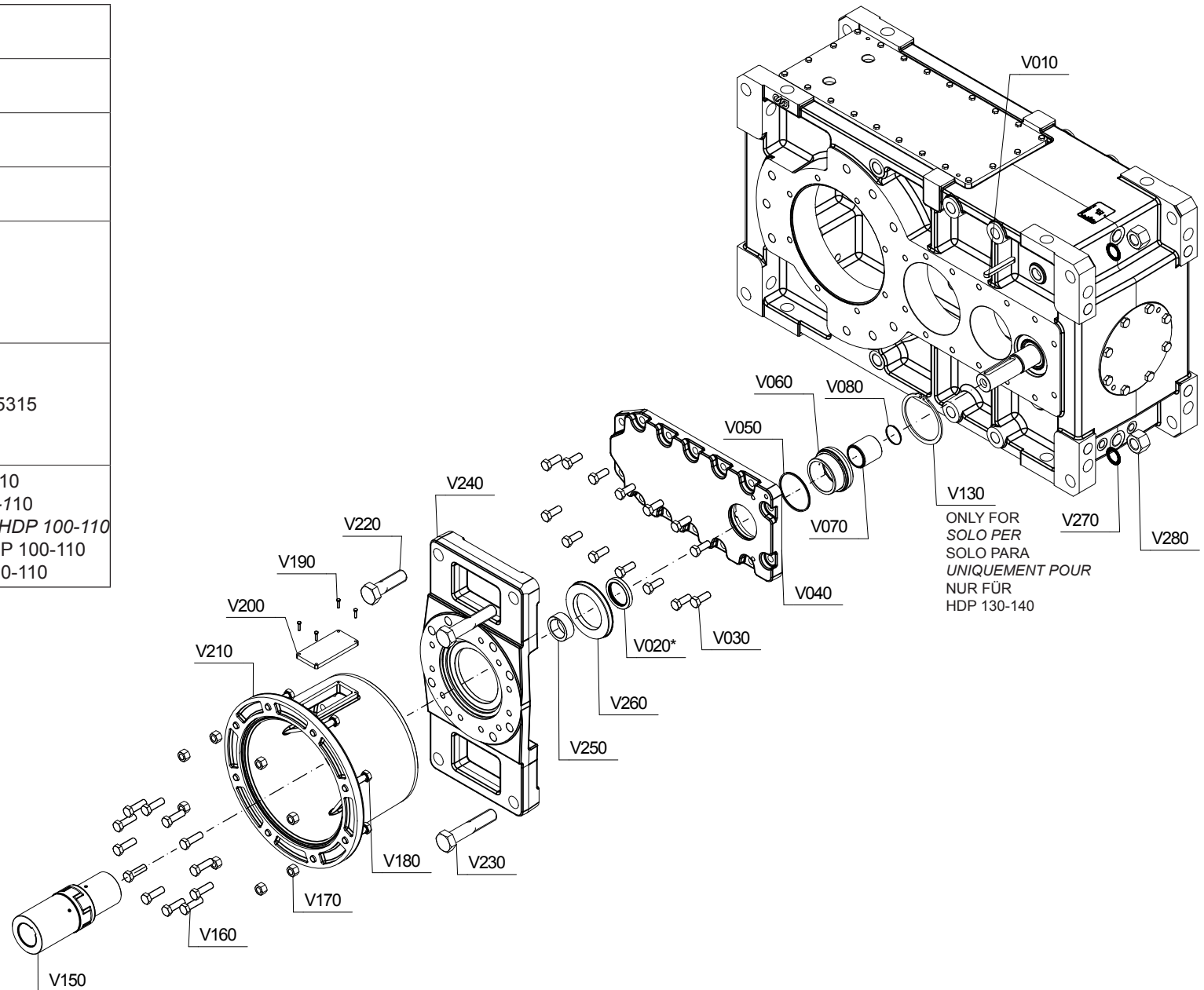
	Stages Stadi Etapas Étages Stufen			 OR			
		V030	V030	V050	V080	V090	V120
HDP 130	2	M20X45	-	177.4X3.53	151.99X3.53	M5X8	1/4" GAS
	3	-	M20X50	126.6X3.53	-		
	4	-	M20X50	126.6X3.53	-		
HDP 140	2	M20X45	-	177.4X3.53	151.99X3.53	M5X8	1/4" GAS
	3	-	M20X50	126.6X3.53	-		
	4	-	M20X50	126.6X3.53	-		

	Stages Stadi Etapas Étages Stufen					RATIO
		V110	V010	V020	V020#	
HDP 130	2	120/5/1.96	25X14X160 A	100X130X12 L	100X130X12 L	7.3-7.9-8.6-9.4-11.3-12.3
		95/3.8/1.65	20X12X125 A	75X100X10 L	75X100X10 L	14.1-15.4-17.4-19.0-21.7
	3	82/3.5/1.65	18X11X125 A	70X90X10 DL	70X90X10 DL	21.8-23.8-28.6-31.2-35.7-39.0-44.1-48.1
			14X9X100 A	60X90X10 L	70X90X10 DL	56.5-61.7-70.7-77.1-87.2-95.1-108.3
	4	70/3.1/1.65	12X8X100 A	50X72X8 L	50X72X8 L	111.2-121.4-139.0-151.7-176.7-192.9-217.9-237.9
10X8X70 A			40X72X7 L	40X72X7 L	274.5-299.6-348.9-380.9-469.8-534.5	
HDP 140	2	120/5/1.96	25X14X160 A	100X130X12 L	100X130X12 L	8.4-9.3-9.9-11.0-13.0-14.4
		95/3.8/1.65	20X12X125 A	75X100X10 L	75X100X10 L	16.3-18.0-20.1-22.2-24.9
	3	82/3.5/1.65	18X11X125 A	70X90X10 DL	70X90X10 DL	25.1-27.7-32.9-36.4-41.1-45.5-50.7-56.2
			14X9X100 A	60X90X10 L	70X90X10 DL	65.1-72.0-81.3-90.0-100.3-111.0-124.7
	4	70/3.1/1.65	12X8X100 A	50X72X8 L	50X72X8 L	141.6-160.0-177.0-197.3-225.0-250.8-277.5
10X8X70 A			40X72X7 L	40X72X7 L	315.9-349.6-401.6-444.4-495.3	

HDP 100 ... 140

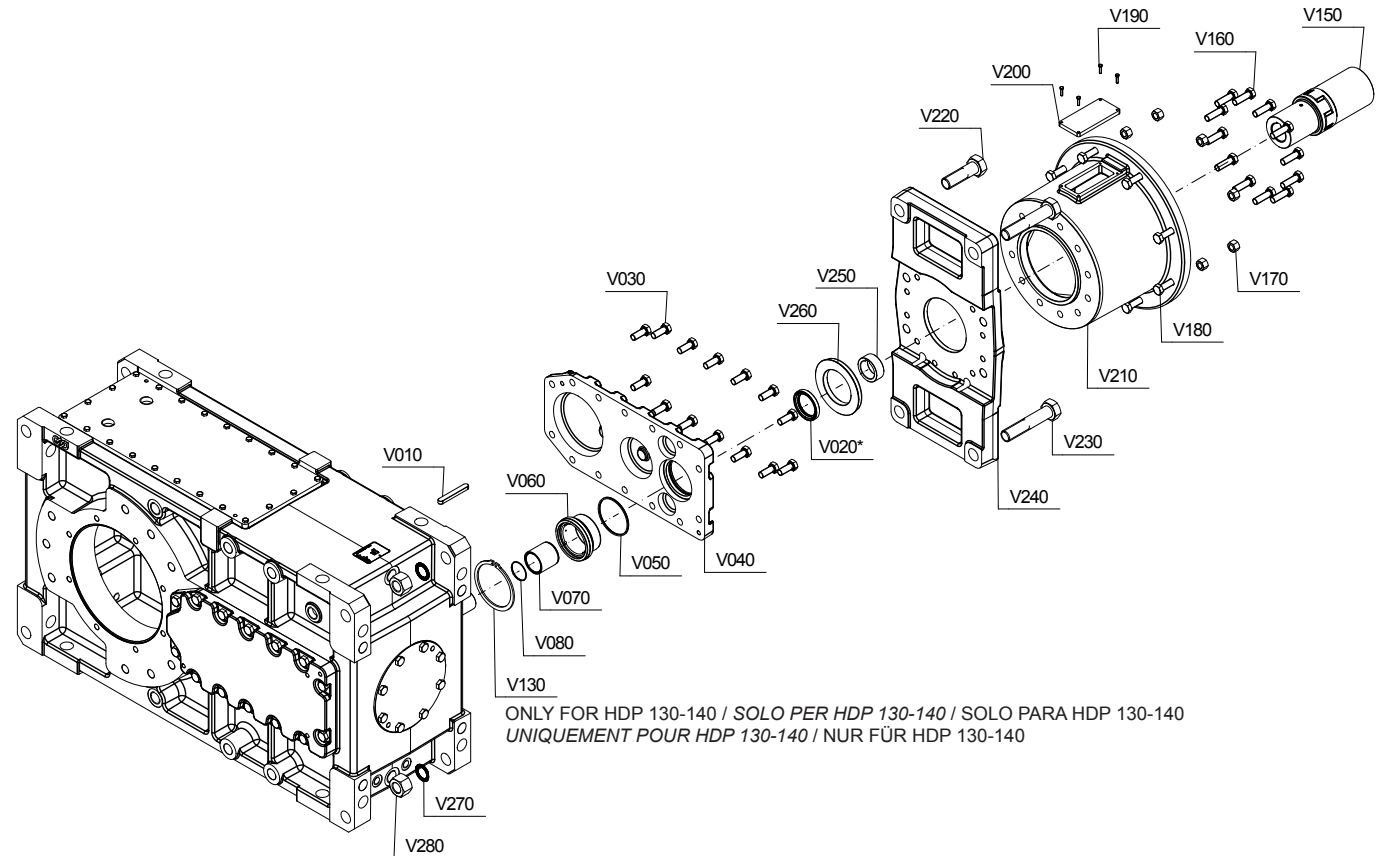
HDP 100 ... HDP 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	GL
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LL - RL - DL
Frame size Taglia telaio Tamaño de bastidor Taille de châssis Baugröße	112160180225315
<p>NOTE: Frame Size 315 not for HDP 100-110 NOTA: Taglia telaio 315 non per HDP 100-110 NOTAS: Tamaño de bastidor 315 no para HDP 100-110 NOTE: Taille de châssis 315 pas pour HDP 100-110 HINWEIS: Baugröße 315 nicht für HDP 100-110</p>	



HDP 100 ... HDP 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	GR
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LR - RR - DR
Frame size Taglia telaio Tamaño de bastidor Taille de châssis Baugröße	112160180225315
<p>NOTE: Frame Size 315 not for HDP 100-110 NOTA: Taglia telaio 315 non per HDP 100-110 NOTAS: Tamaño de bastidor 315 no para HDP 100-110 NOTE : Taille de châssis 315 pas pour HDP 100-110 HINWEIS: Baugröße 315 nicht für HDP 100-110</p>	






HDP 100 ... HDP 140

Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V020*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V030	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEISCHRAUBE
V040	PLAIN COVER	COPERCHIO CHIU	TAPA DE CIERRE	COUV.FERMETURE	SCHLUSSDECKEL
V050	ORING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT ORING	ORING GASKET
V060	OILSEAL BUSHING	BOCC PER ANEL TEN	CASQUILLO PARA RETEN	MANCHON DE JOI.ETAN.	ORINGBUCHSE
V070	OILSEAL BUSHING	BOCC PER ANEL TEN	CASQUILLO PARA RETEN	MANCHON DE JOI.ETAN.	ORINGBUCHSE
V080	ORING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT ORING	ORING GASKET
V130	SHAFT CIRCLIP	AN.ELASTICOALBERO	AN.ELASTICOEJE	BAGUE ELAST.ARBRE	SEEGERRING WELLE
V150	COUPLING	GIUNTO COMPLETO	ACOPL.COMPLETO	JOINT COMPLET	KOMPL.KUPPLUNG
V160	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V170	LARGE NUT	DADO ALTO	TUERCA	ECROU HAUT	HOCHMUTTER
V180	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V190	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V200	PLAIN COVER	COPERCHIO CHIU	TAPA DE CIERRE	COUV.FERMETURE	SCHLUSSDECKEL
V210	MOTOR BELL	CAMPANA PAM	CAMPANA	CLOCHE	MOTORGLOCKE
V220	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V230	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V240	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V250	SPACER RING	DISTANZIALE	DISTANCIADOR	ENTRETOISE	DISTANZRING
V260	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V270	KNURLED WASHER	ROSETTA ZIGRINATA	ARANDELA PLANA GRANEADA	RONDELLE MOLETEE	GERANDELTE SCHEIBE
V280	LARGE NUT	DADO ALTO	TUERCA	ECROU HAUT	HOCHMUTTER






NOTE: V020* Refer page no: 149 / NOTA: V020* Vedere pagina n°: 149 / NOTAS: V020* Consultar página n.º: 149 / NOTE : V020* Se référer à la page n° : 149 / HINWEIS: V020* Siehe Seite: 149

HDP 100 ... HDP 140


	Stages Stadi Etapas Étages Stufen			 OR		RATIO
		V010	V030	V050	V080	
HDP 100	2	18X11X125 A	M14X40	126.6X3.53	-	-
	3	14X9X100 A		94.84X3.53	47.35X1.78	22.8-25.3-28.1-31.3-35.4-39.3-45.0-50.0
	4	10X8X70 A		94.84X3.53	-	-
HDP 110	2	18X11X125 A	M14X40	126.6X3.53	-	-
	3	14X9X100 A		94.84X3.53	47.35X1.78	24.9-27.6-30.7-34.0-38.7-42.8-49.2-54.5
	4	10X8X70 A		94.84X3.53	-	-
HDP 120	2	20X12X125 A	M16X40	145.64X3.53	72.69X2.62	ALL
	3	14X9X100 A		94.84X3.53	47.35X1.78	25.8-28.0-32.5-35.4-39.9-43.5-51.6-56.1
	4	10X8X70 A		94.84X3.53	-	-
HDP 125	2	20X12X125 A	M16X40	145.64X3.53	72.69X2.62	ALL
	3	14X9X100 A		94.84X3.53	47.35X1.78	29.1-31.3-36.7-39.5-45.1-48.5-58.2-62.6
	4	10X8X70 A		94.84X3.53	-	-

HDP 100 ... 140




HDP 100 ... HDP 140

	Stages Stadi Etapas Étages Stufen			 OR				RATIO
		V030	V030	V050	V080	V130	V010	
HDP 130	2	M20X45	-	177.4X3.53	-	-	25X14X160 A	7.3-7.9-8.6-9.4-11.3-12.3
					123.42X3.53	120X4	20X12X125 A	14.1-15.4-17.4-19.0-21.7
	3	-	M20X50	126.6X3.53	-	-	18X11X125 A	21.8-23.8-28.6-31.2-35.7-39.0-44.1-48.1
							14X9X100 A	56.5-61.7-70.7-77.1-87.2-95.1-108.3
	4	-	M20X50	126.6X3.53	-	-	12X8X100 A	111.2-121.4-139.0-151.7-176.7-192.9-217.9-237.9
							10X8X70 A	274.5-299.6-348.9-380.9-469.8-534.5
HDP 140	2	M20X45	-	177.4X3.53	-	-	25X14X160 A	8.4-9.3-9.9-11.0-13.0-14.4
					123.42X3.53	120X4	20X12X125 A	16.3-18.0-20.1-22.2-24.9
	3	-	M20X50	126.6X3.53	-	-	18X11X125 A	25.1-27.7-32.9-36.4-41.1-45.5-50.7-56.2
							14X9X100 A	65.1-72.0-81.3-90.0-100.3-111.0-124.7
	4	-	M20X50	126.6X3.53	-	-	12X8X100 A	141.6-160.0-177.0-197.3-225.0-250.8-277.5
							10X8X70 A	315.9-349.6-401.6-444.4-495.3

HDP 100 ... HDP 140



	V160			V180				V190				V220		
	112	160-180-225	315	112	160-180	225	315	112	160-180	225	315	112	160-180-225	315
	HDP 100	M16X50	M16X50	-	M12X45	M16X60	M16X70	-	M5X10	M5X10	M5X20	-	M24X100	M24X100
HDP 110	M16X50	M16X50	-	M12X45	M16X60	M16X70	-	M5X10	M5X10	M5X20	-	M24X100	M24X100	-
HDP 120	-	M16X50	M24X60	-	M16X65	M16X70	M20X70	-	M5X14	M5X20	M5X20	-	M30X100	M30X100
HDP 125	-	M16X50	M24X60	-	M16X65	M16X70	M20X70	-	M5X14	M5X20	M5X20	-	M30X100	M30X100
HDP 130	-	M16X55	M24X60	-	M16X70	M16X70	M20X70	-	M5X14	M5X20	M5X20	-	M36X110	M36X110
HDP 140	-	M16X55	M24X60	-	M16X70	M16X70	M20X70	-	M5X14	M5X20	M5X20	-	M36X110	M36X110

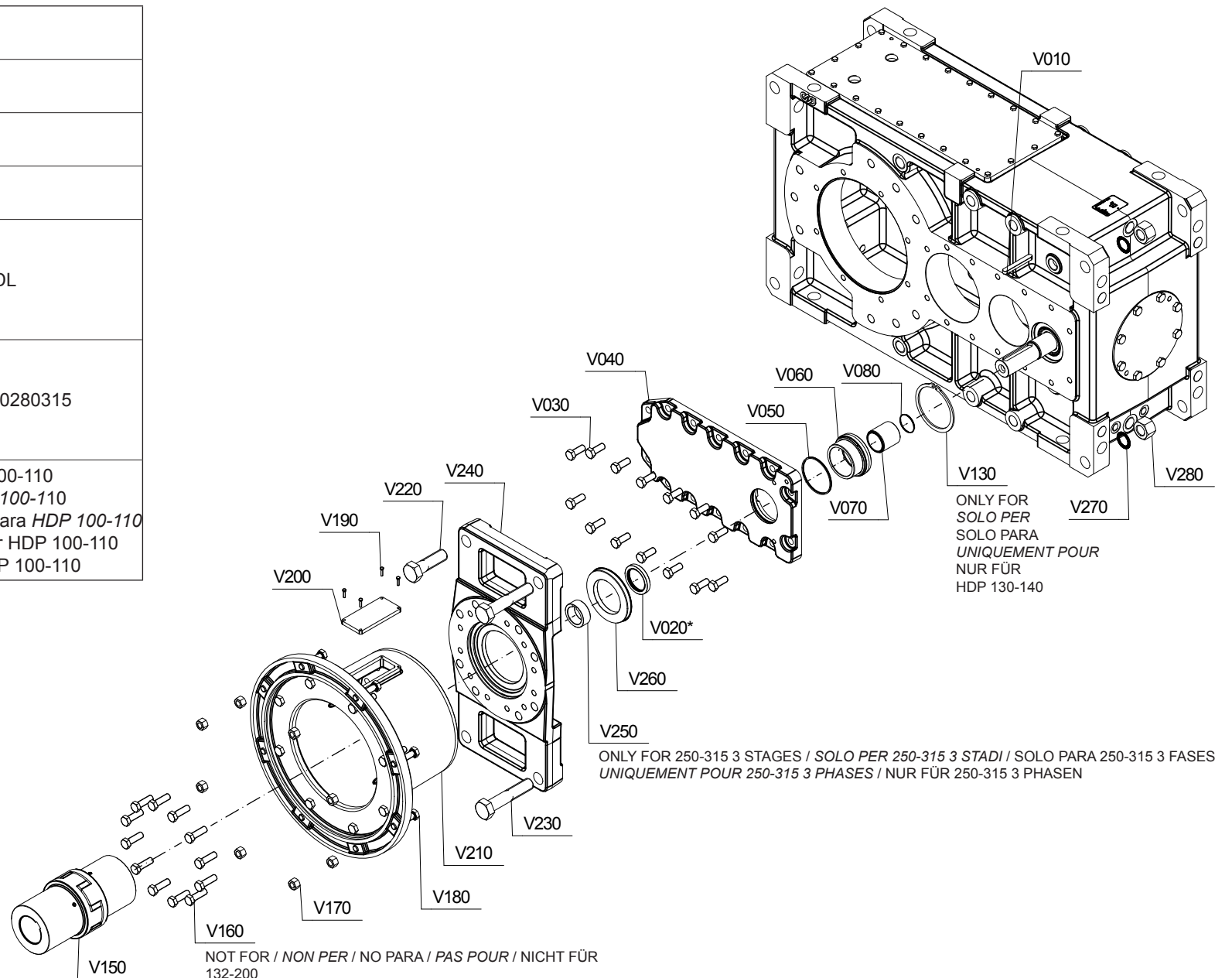




	V230			V170			V280			V270		
	112	160-180-225	315	112	160-180-225	315	112	160-180-225	315	112	160-180-225	315
	HDP 100	M24X140	M24X140	-	M12	M16	-	M24	M24	-	24	24
HDP 110	M24X140	M24X140	-	M12	M16	-	M24	M24	-	24	24	-
HDP 120	-	M30X150	M30X150	-	M16	M20	-	M30	M30	-	30	30
HDP 125	-	M30X150	M30X150	-	M16	M20	-	M30	M30	-	30	30
HDP 130	-	M36X220	M36X220	-	M16	M20	-	M36	M36	-	36X52X7	36X52X7
HDP 140	-	M36X220	M36X220	-	M16	M20	-	M36	M36	-	36X52X7	36X52X7

HDP 100 ... 140

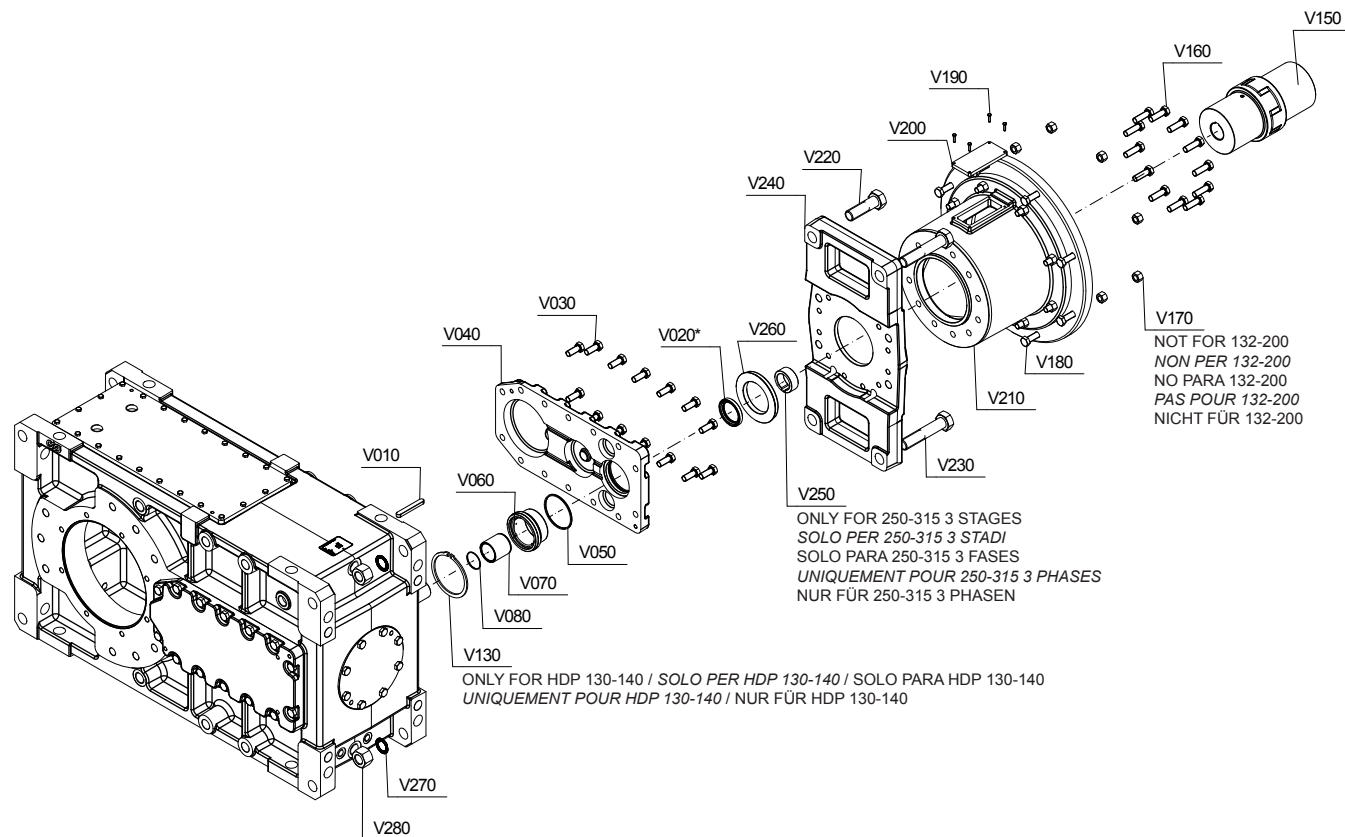
HDP 100 ... HDP 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	GL
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LL - RL - DL
Frame size Taglia telaio Tamaño de bastidor Taille de châssis Baugröße	132200250280315
<p>NOTE: Frame Size 315 not for HDP 100-110 NOTA: Taglia telaio 315 non per HDP 100-110 NOTAS: Tamaño de bastidor 315 no para HDP 100-110 NOTE: Taille de châssis 315 pas pour HDP 100-110 HINWEIS: Baugröße 315 nicht für HDP 100-110</p>	



HDP 100 ... HDP 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	GR
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LR - RR - DR
Frame size Taglia telaio Tamaño de bastidor Taille de châssis Baugröße	132200250280315
<p>NOTE: Frame Size 315 not for HDP 100-110 NOTA: Taglia telaio 315 non per HDP 100-110 NOTAS: Tamaño de bastidor 315 no para HDP 100-110 NOTE : Taille de châssis 315 pas pour HDP 100-110 HINWEIS: Baugröße 315 nicht für HDP 100-110</p>	






HDP 100 ... HDP 140

Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V020*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V030	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEISCHRAUBE
V040	PLAIN COVER	COPERCHIO CHIU	TAPA DE CIERRE	COUV.FERMETURE	SCHLUSSDECKEL
V050	ORING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT ORING	ORING GASKET
V060	OILSEAL BUSHING	BOCC PER ANEL TEN	CASQUILLO PARA RETEN	MANCHON DE JOI.ETAN.	ORINGBUCHSE
V070	OILSEAL BUSHING	BOCC PER ANEL TEN	CASQUILLO PARA RETEN	MANCHON DE JOI.ETAN.	ORINGBUCHSE
V080	ORING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT ORING	ORING GASKET
V130	SHAFT CIRCLIP	AN.ELASTICOALBERO	AN.ELASTICOEJE	BAGUE ELAST.ARBRE	SEEGERRING WELLE
V150	COUPLING	GIUNTO COMPLETO	ACOPL.COMPLETO	JOINT COMPLET	KOMPL.KUPPLUNG
V160	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V170	LARGE NUT	DADO ALTO	TUERCA	ECROU HAUT	HOCHMUTTER
V180	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V190	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V200	PLAIN COVER	COPERCHIO CHIU	TAPA DE CIERRE	COUV.FERMETURE	SCHLUSSDECKEL
V210	MOTOR BELL	CAMPANA PAM	CAMPANA	CLOCHE	MOTORGLOCKE
V220	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V230	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V240	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V250	SPACER RING	DISTANZIALE	DISTANCIADOR	ENTRETOISE	DISTANZRING
V260	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V270	KNURLED WASHER	ROSETTA ZIGRINATA	ARANDELA PLANA GRANEADA	RONDELLE MOLETEE	GERANDELTE SCHEIBE
V280	LARGE NUT	DADO ALTO	TUERCA	ECROU HAUT	HOCHMUTTER






NOTE: V020* Refer page no: 149 / NOTA: V020* Vedere pagina n°: 149 / NOTAS: V020* Consultar página n.º: 149 / NOTE : V020* Se référer à la page n° : 149 / HINWEIS: V020* Siehe Seite: 149

HDP 100 ... HDP 140

	Stages Stadi Etapas Étages Stufen			 OR		RATIO
		V010	V030	V050	V080	
HDP 100	2	18X11X125 A	M14X40	126.6X3.53	-	-
	3	14X9X100 A		94.84X3.53	47.35X1.78	22.8-25.3-28.1-31.3-35.4-39.3-45.0-50.0
	4	10X8X70 A		94.84X3.53	-	-
HDP 110	2	18X11X125 A	M14X40	126.6X3.53	-	-
	3	14X9X100 A		94.84X3.53	47.35X1.78	24.9-27.6-30.7-34.0-38.7-42.8-49.2-54.5
	4	10X8X70 A		94.84X3.53	-	-
HDP 120	2	20X12X125 A	M16X40	145.64X3.53	72.69X2.62	ALL
	3	14X9X100 A		94.84X3.53	47.35X1.78	25.8-28.0-32.5-35.4-39.9-43.5-51.6-56.1
	4	10X8X70 A		94.84X3.53	-	-
HDP 125	2	20X12X125 A	M16X40	145.64X3.53	72.69X2.62	ALL
	3	14X9X100 A		94.84X3.53	47.35X1.78	29.1-31.3-36.7-39.5-45.1-48.5-58.2-62.6
	4	10X8X70 A		94.84X3.53	-	-

HDP 100 ... 140

HDP 100 ... HDP 140

	Stages Stadi Etapas Étages Stufen			 OR				RATIO
		V030	V030	V050	V080	V130	V010	
HDP 130	2	M20X45	-	177.4X3.53	-	-	25X14X160 A	7.3-7.9-8.6-9.4-11.3-12.3
					123.42X3.53	120X4	20X12X125 A	14.1-15.4-17.4-19.0-21.7
	3	-	M20X50	126.6X3.53	-	-	18X11X125 A	21.8-23.8-28.6-31.2-35.7-39.0-44.1-48.1
							14X9X100 A	56.5-61.7-70.7-77.1-87.2-95.1-108.3
	4	-	M20X50	126.6X3.53	-	-	12X8X100 A	111.2-121.4-139.0-151.7-176.7-192.9-217.9-237.9
							10X8X70 A	274.5-299.6-348.9-380.9-469.8-534.5
HDP 140	2	M20X45	-	177.4X3.53	-	-	25X14X160 A	8.4-9.3-9.9-11.0-13.0-14.4
					123.42X3.53	120X4	20X12X125 A	16.3-18.0-20.1-22.2-24.9
	3	-	M20X50	126.6X3.53	-	-	18X11X125 A	25.1-27.7-32.9-36.4-41.1-45.5-50.7-56.2
							14X9X100 A	65.1-72.0-81.3-90.0-100.3-111.0-124.7
	4	-	M20X50	126.6X3.53	-	-	12X8X100 A	141.6-160.0-177.0-197.3-225.0-250.8-277.5
							10X8X70 A	315.9-349.6-401.6-444.4-495.3

HDP 100 ... HDP 140



	V160			V180				V190				V220		
	132	200-250-280	315	132	200	250-280	315	132	200	250-280	315	132	200-250-280	315
	HDP 100	M16X50	M16X50	M16X50	M12X35	M16X45	M16X70	M20X70	M5X10	M5X10	M5X20	M5X20	M24X100	M24X100
HDP 110	M16X50	M16X50	M16X50	M12X35	M16X45	M16X70	M20X70	M5X10	M5X10	M5X20	M5X20	M24X100	M24X100	M24X100
HDP 120	M16X50	M16X50	-	M12X35	M16X40	M16X70	-	M5X14	M5X14	M5X20	-	M30X100	M30X100	-
HDP 125	M16X50	M16X50	-	M12X35	M16X40	M16X70	-	M5X14	M5X14	M5X20	-	M30X100	M30X100	-
HDP 130	-	M16X55	-	-	M16X40	M16X70	-	-	M5X14	M5X20	-	-	M36X110	-
HDP 140	-	M16X55	-	-	M16X40	M16X70	-	-	M5X14	M5X20	-	-	M36X110	-

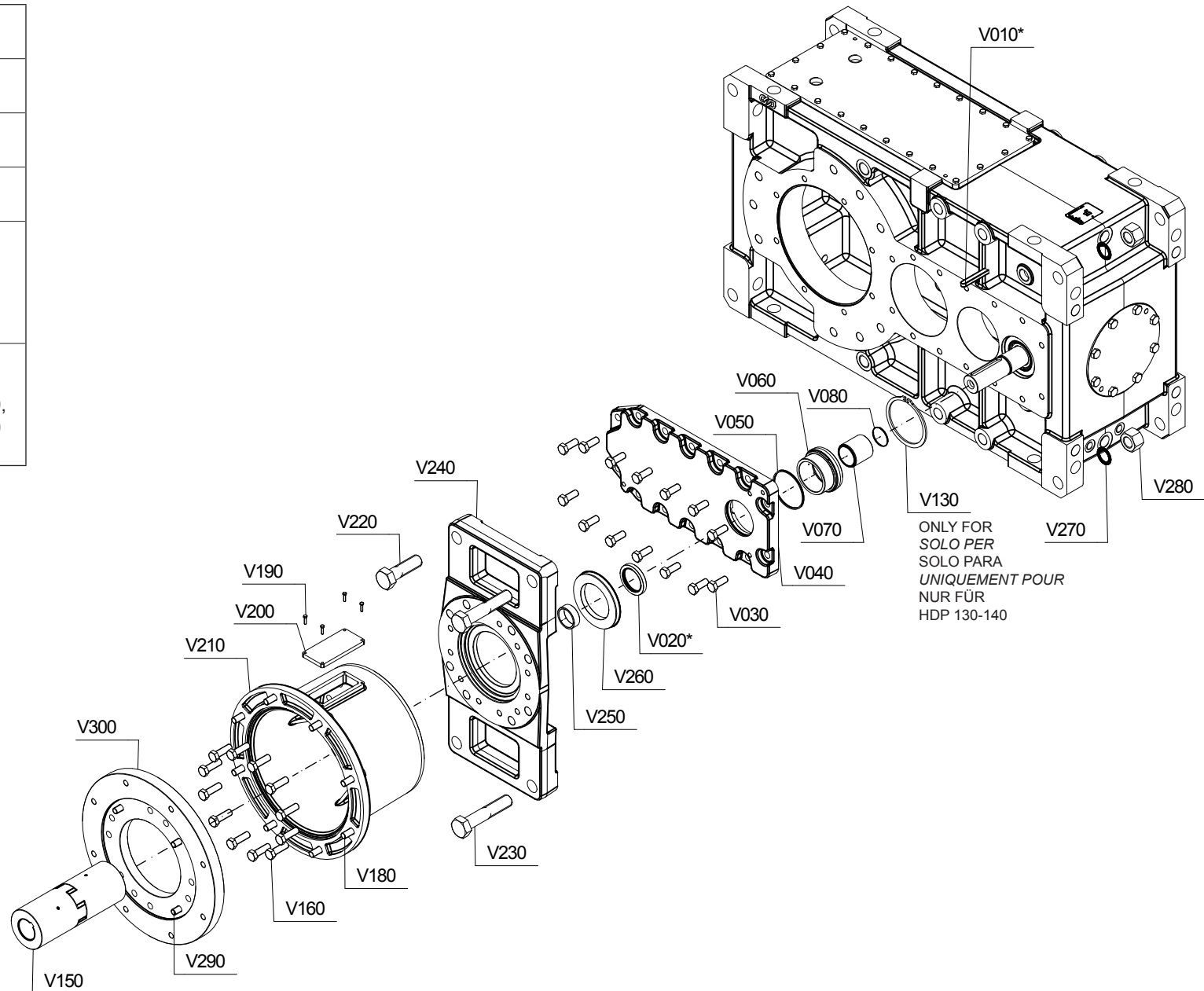
HDP 100 ... 140



	V230			V170		V280			V270		
	132	200-250-280	315	250-280	315	132	200-250-280	315	132	200-250-280	315
	HDP 100	M24X140	M24X140	M24X140	M16	M16	M24	M24	M24	24	24
HDP 110	M24X140	M24X140	M24X140	M16	M16	M24	M24	M24	24	24	24
HDP 120	M30X150	M30X150	-	M16	-	M30	M30	-	31.6	31.6	-
HDP 125	M30X150	M30X150	-	M16	-	M30	M30	-	31.6	31.6	-
HDP 130	-	M 36X220	-	M16	-	-	M36	-	-	36X52X7	-
HDP 140	-	M 36X220	-	M16	-	-	M36	-	-	36X52X7	-

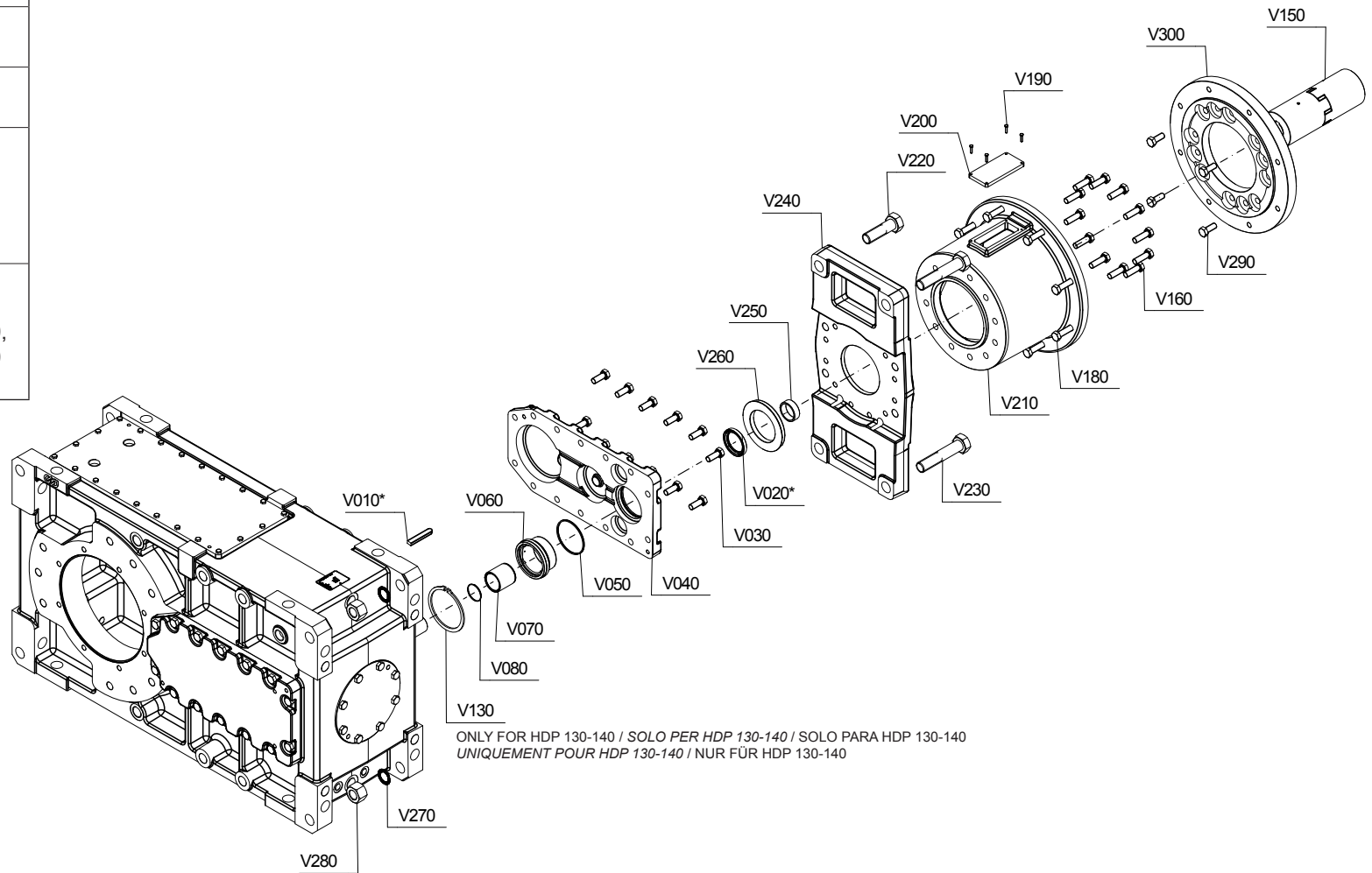
HDP 100 ... HDP 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	NGL
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LL - RL - DL
Frame size Taglia telaio Tamaño de bastidor Taille de châssis Baugröße	N-180, 210, 250, 280, 320, 360, 400, 440



HDP 100 ... HDP 140




Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	NGR
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LR - RR - DR
Frame size Taglia telaio Tamaño de bastidor Taille de châssis Baugröße	N-180, 210, 250, 280, 320, 360, 400, 440



HDP 100 ... HDP 140






Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010*	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V020*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V030	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEISCHRAUBE
V040	PLAIN COVER	COPERCHIO CHIU	TAPA DE CIERRE	COUV.FERMETURE	SCHLUSSDECKEL
V050	ORING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT ORING	ORING GASKET
V060	OILSEAL BUSHING	BOCC PER ANEL TEN	CASQUILLO PARA RETEN	MANCHON DE JOI.ETAN.	ORINGBUCHSE
V070	OILSEAL BUSHING	BOCC PER ANEL TEN	CASQUILLO PARA RETEN	MANCHON DE JOI.ETAN.	ORINGBUCHSE
V080	ORING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT ORING	ORING GASKET
V130	SHAFT CIRCLIP	AN.ELASTICOALBERO	AN.ELASTICOEJE	BAGUE ELAST.ARBRE	SEEGERRING WELLE
V150	COUPLING	GIUNTO COMPLETO	ACOPL.COMPLETO	JOINT COMPLET	KOMPL.KUPPLUNG
V160	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V180	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V190	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V200	PLAIN COVER	COPERCHIO CHIU	TAPA DE CIERRE	COUV.FERMETURE	SCHLUSSDECKEL
V210	MOTOR BELL	CAMPANA PAM	CAMPANA	CLOCHE	MOTORGLOCKE
V220	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V230	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V240	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V250	SPACER RING	DISTANZIALE	DISTANCIADOR	ENTRETOISE	DISTANZRING
V260	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V270	KNURLED WASHER	ROSETTA ZIGRINATA	ARANDELA PLANA GRANEADA	RONDELLE MOLETEE	GERANDELTE SCHEIBE
V280	LARGE NUT	DADO ALTO	TUERCA	ECROU HAUT	HOCHMUTTER
V290	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V300	CONNECT.FLANGE	FLANGIA COLLEG	BRIDA DE UNION	BRIDE ASSEMBL.	FLANSCH

HDP 100 ... HDP 140

	Stages Stadi Etapas Étages Stufen			 OR		RATIO
		V010	V030	V050	V080	
HDP 100	2	18X11X125 A	M14X40	126.6X3.53	-	-
	3	14X9X100 A		94.84X3.53	47.35X1.78	22.8-25.3-28.1-31.3-35.4-39.3-45.0-50.0
	4	10X8X70 A		94.84X3.53	-	-
HDP 110	2	18X11X125 A	M14X40	126.6X3.53	-	-
	3	14X9X100 A		94.84X3.53	47.35X1.78	24.9-27.6-30.7-34.0-38.7-42.8-49.2-54.5
	4	10X8X70 A		94.84X3.53	-	-
HDP 120	2	20X12X125 A	M16X40	145.64X3.53	72.69X2.62	ALL
	3	14X9X100 A		94.84X3.53	47.35X1.78	25.8-28.0-32.5-35.4-39.9-43.5-51.6-56.1
	4	10X8X70 A		94.84X3.53	-	-
HDP 125	2	20X12X125 A	M16X40	145.64X3.53	72.69X2.62	ALL
	3	14X9X100 A		94.84X3.53	47.35X1.78	29.1-31.3-36.7-39.5-45.1-48.5-58.2-62.6
	4	10X8X70 A		94.84X3.53	-	-

HDP 100 ... 140

HDP 100 ... HDP 140

	Stages Stadi Etapas Étages Stufen			 OR				RATIO
		V030	V030	V050	V080	V130	V010	
HDP 130	2	M20X45	-	177.4X3.53	-	-	25X14X160 A	7.3-7.9-8.6-9.4-11.3-12.3
					123.42X3.53	120X4	20X12X125 A	14.1-15.4-17.4-19.0-21.7
	3	-	M20X50	126.6X3.53	-	-	18X11X125 A	21.8-23.8-28.6-31.2-35.7-39.0-44.1-48.1
							14X9X100 A	56.5-61.7-70.7-77.1-87.2-95.1-108.3
	4	-	M20X50	126.6X3.53	-	-	12X8X100 A	111.2-121.4-139.0-151.7-176.7-192.9-217.9-237.9
							10X8X70 A	274.5-299.6-348.9-380.9-469.8-534.5
HDP 140	2	M20X45	-	177.4X3.53	-	-	25X14X160 A	8.4-9.3-9.9-11.0-13.0-14.4
					123.42X3.53	120X4	20X12X125 A	16.3-18.0-20.1-22.2-24.9
	3	-	M20X50	126.6X3.53	-	-	18X11X125 A	25.1-27.7-32.9-36.4-41.1-45.5-50.7-56.2
							14X9X100 A	65.1-72.0-81.3-90.0-100.3-111.0-124.7
	4	-	M20X50	126.6X3.53	-	-	12X8X100 A	141.6-160.0-177.0-197.3-225.0-250.8-277.5
							10X8X70 A	315.9-349.6-401.6-444.4-495.3

HDP 100 ... 140

HDP 100 ... HDP 140



	V160					V180					
	180	210	250-280-320-360-400	440	180	210	250	280	320-360-400	440	315
	HDP 100	M16X50	M16X50	M16X50	-	M12X40	M12X40	M16X45	M16X50	M16X55	-
HDP 110	M16X50	M16X50	M16X50	-	M12X40	M12X40	M16X45	M16X50	M16X55	-	M20X70
HDP 120	-	M16X50	M16X50	M24X60	-	M12X40	M16X45	M16X50	M16X55	M20X55	-
HDP 125	-	M16X50	M16X50	M24X60	-	M12X40	M16X45	M16X50	M16X55	M20X55	-
HDP 130	-	-	M16X50	M24X60	-	-	M16X45	M16X50	M16X55	M20X55	-
HDP 140	-	-	M16X50	M24X60	-	-	M16X45	M16X50	M16X55	M20X55	-



	V190					V220			
	180	210	250-280	320-360-400	440	180	210	250-280-320-360-400	440
	HDP 100	M5X10	M5X10	M5X10	M5X20	-	M24X100	M24X100	M24X100
HDP 110	M5X10	M5X10	M5X10	M5X20	-	M24X100	M24X100	M24X100	-
HDP 120	-	M5X10	M5X10	M5X20	M5X20	-	M30X100	M30X100	M30X100
HDP 125	-	M5X10	M5X10	M5X20	M5X20	-	M30X100	M30X100	M30X100
HDP 130	-	-	M5X10	M5X20	M5X20	-	-	M36X110	M36X110
HDP 140	-	-	M5X10	M5X20	M5X20	-	-	M36X110	M36X110

HDP 100 ... 140

HDP 100 ... HDP 140



	V230				V290				
	180	210	250-280-320-360-400	440	180	210	250-280	320-360-400	440
	HDP 100	M24X140	M24X140	M24X140	-	1/2-13X1-1/4" UNC	1/2-13X1-1/4" UNC	1/2-13X1-1/4" UNC	5/8-11X1-1/2" UNC
HDP 110	M24X140	M24X140	M24X140	-	1/2-13X1-1/4" UNC	1/2-13X1-1/4" UNC	1/2-13X1-1/4" UNC	5/8-11X1-1/2" UNC	-
HDP 120	-	M30X150	M30X150	M30X150	-	1/2-13X1-1/4" UNC	1/2-13X1-1/4" UNC	5/8-11X1-1/2" UNC	5/8-11X1-1/2" UNC
HDP 125	-	M30X150	M30X150	M30X150	-	1/2-13X1-1/4" UNC	1/2-13X1-1/4" UNC	5/8-11X1-1/2" UNC	5/8-11X1-1/2" UNC
HDP 130	-	-	M36X220	M36X220	-	-	1/2-13X1-1/4" UNC	5/8-11X1-1/2" UNC	5/8-11X1-1/2" UNC
HDP 140	-	-	M36X220	M36X220	-	-	1/2-13X1-1/4" UNC	5/8-11X1-1/2" UNC	5/8-11X1-1/2" UNC

HDP 100 ... 140

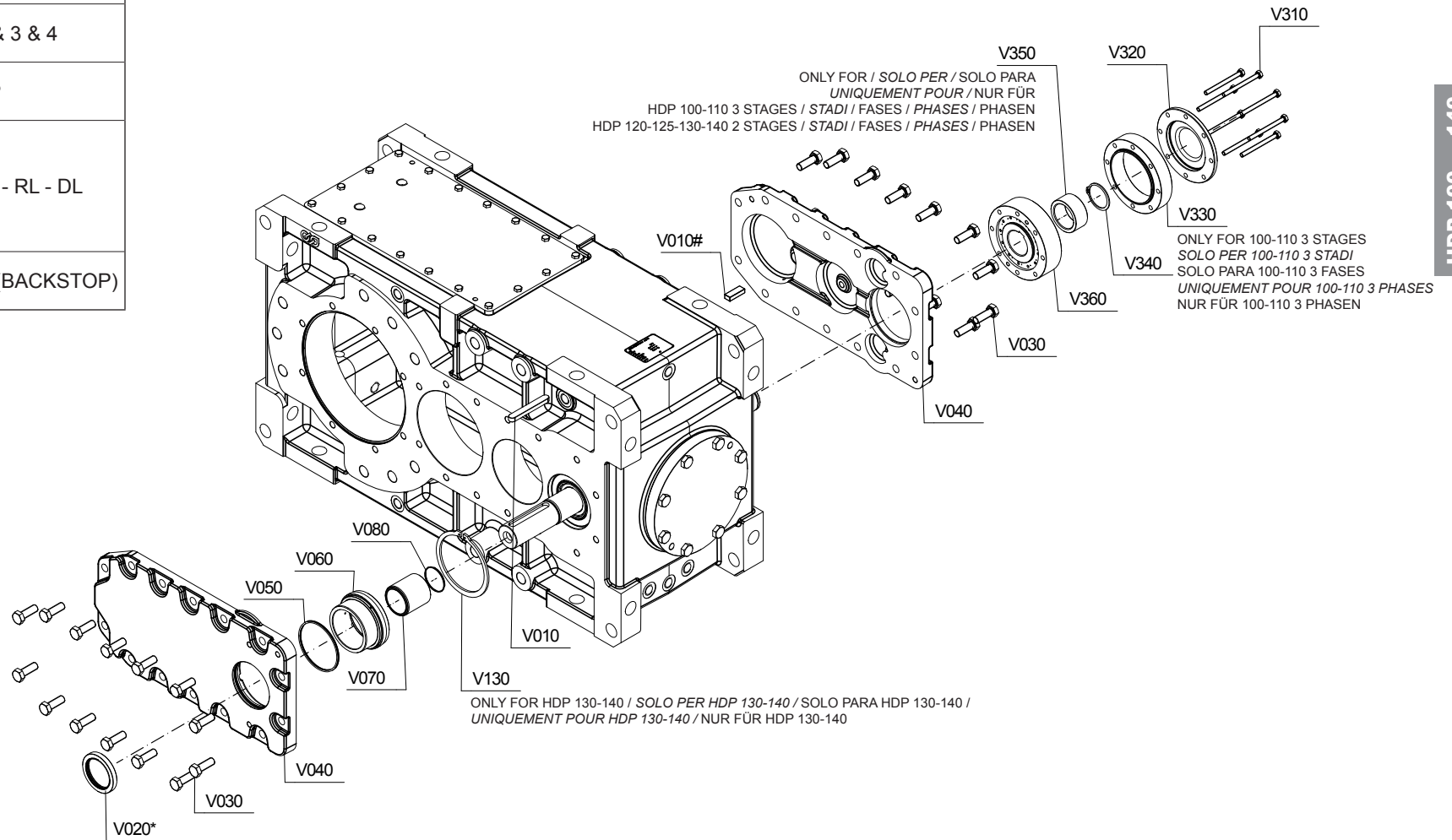
	V270				V280			
	180	210	250-280-320-360-400	440	180	210	250-280-320-360-400	440
	HDP 100	24	24	24	-	M24	M24	M24
HDP 110	24	24	24	-	M24	M24	M24	-
HDP 120	-	30	30	30	-	M30	M30	M30
HDP 125	-	30	30	30	-	M30	M30	M30
HDP 130	-	-	36X52X7	36X52X7	-	-	M36	M36
HDP 140	-	-	36X52X7	36X52X7	-	-	M36	M36

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NOTE: V020* Refer page no: 149 / NOTA: V020* Vedere pagina n°: 149 / NOTAS: V020* Consultar página n.º: 149 / NOTE : V020* Se référer à la page n° : 149 / HINWEIS: V020* Siehe Seite: 149

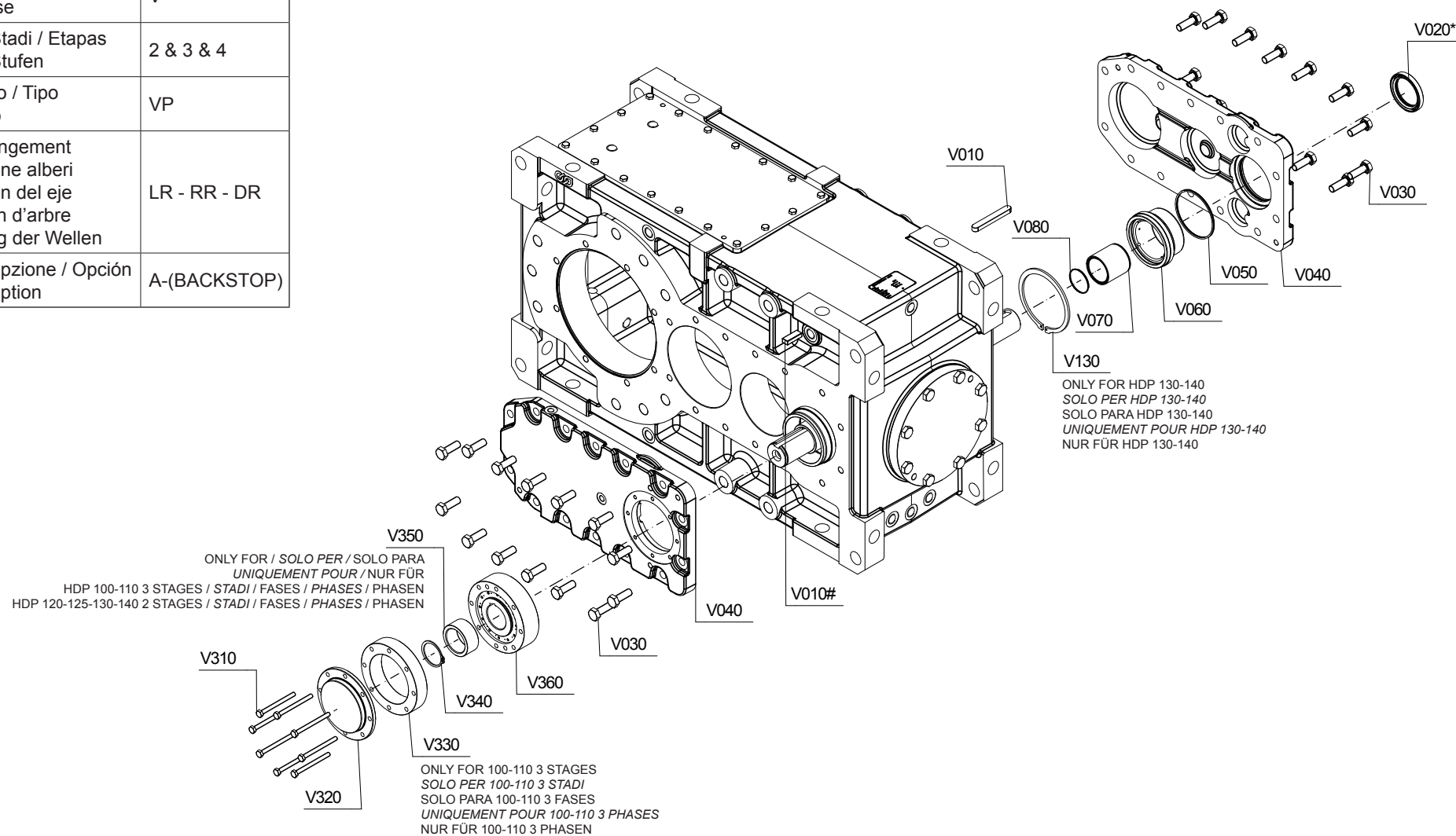
HDP 100 ... HDP 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LL - RL - DL
Option / Opzione / Opción Option / Option	A-(BACKSTOP)



HDP 100 ... HDP 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LR - RR - DR
Option / Opzione / Opción Option / Option	A-(BACKSTOP)






HDP 100 ... HDP 140

Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V010#	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V020*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V030	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEISCHRAUBE
V040	PLAIN COVER	COPERCHIO CHIU	TAPA DE CIERRE	COUV.FERMETURE	SCHLUSSDECKEL
V050	ORING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT ORING	ORING GASKET
V060	OILSEAL BUSHING	BOCC PER ANEL TEN	CASQUILLO PARA RETEN	MANCHON DE JOI.ETAN.	ORINGBUCHSE
V070	OILSEAL BUSHING	BOCC PER ANEL TEN	CASQUILLO PARA RETEN	MANCHON DE JOI.ETAN.	ORINGBUCHSE
V080	ORING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT ORING	ORING GASKET
V130	SHAFT CIRCLIP	AN.ELASTICOALBERO	AN.ELASTICOEJE	BAGUE ELAST.ARBRE	SEEGERRING WELLE
V310	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V320	PLAIN CAP	CAPPEL CHIUSO	SOMBRETERE	CAPUCHON FERME	SCHLUCDECKEL
V330	SPACER RING	DISTANZIALE	DISTANCIADOR	ENTRETOISE	DISTANZRING
V340	SHAFT CIRCLIP	AN.ELASTICOALBERO	AN.ELASTICOEJE	BAGUE ELAST.ARBRE	SEEGERRING WELLE
V350	SPACER RING	DISTANZIALE	DISTANCIADOR	ENTRETOISE	DISTANZRING
V360	FREEWHEEL (BACKSTOP)	RUOTA LIBERAANTIRETRO	RUEDA LIBREANTIRETOR.	ANTIDEVIREUR	RÜCKLAUFFREIS RAD






NOTE: V020* Refer page no: 149 / NOTA: V020* Vedere pagina n°: 149 / NOTAS: V020* Consultar página n.º: 149 / NOTE : V020* Se référer à la page n° : 149 / HINWEIS: V020* Siehe Seite: 149

HDP 100 ... HDP 140

	Stages Stadi Etapas Étages Stufen			 OR		RATIO
		V010	V030	V050	V080	
HDP 100	2	18X11X125 A	M14X40	126.6X3.53	-	-
	3	14X9X100 A		94.84X3.53	47.35X1.78	22.8-25.3-28.1-31.3-35.4-39.3-45.0-50.0
	4	10X8X70 A		94.84X3.53	-	-
HDP 110	2	18X11X125 A	M14X40	126.6X3.53	-	-
	3	14X9X100 A		94.84X3.53	47.35X1.78	24.9-27.6-30.7-34.0-38.7-42.8-49.2-54.5
	4	10X8X70 A		94.84X3.53	-	-
HDP 120	2	20X12X125 A	M16X40	145.64X3.53	72.69X2.62	ALL
	3	14X9X100 A		94.84X3.53	47.35X1.78	25.8-28.0-32.5-35.4-39.9-43.5-51.6-56.1
	4	10X8X70 A		94.84X3.53	-	-
HDP 125	2	20X12X125 A	M16X40	145.64X3.53	72.69X2.62	ALL
	3	14X9X100 A		94.84X3.53	47.35X1.78	29.1-31.3-36.7-39.5-45.1-48.5-58.2-62.6
	4	10X8X70 A		94.84X3.53	-	-

HDP 100 ... 140

HDP 100 ... HDP 140

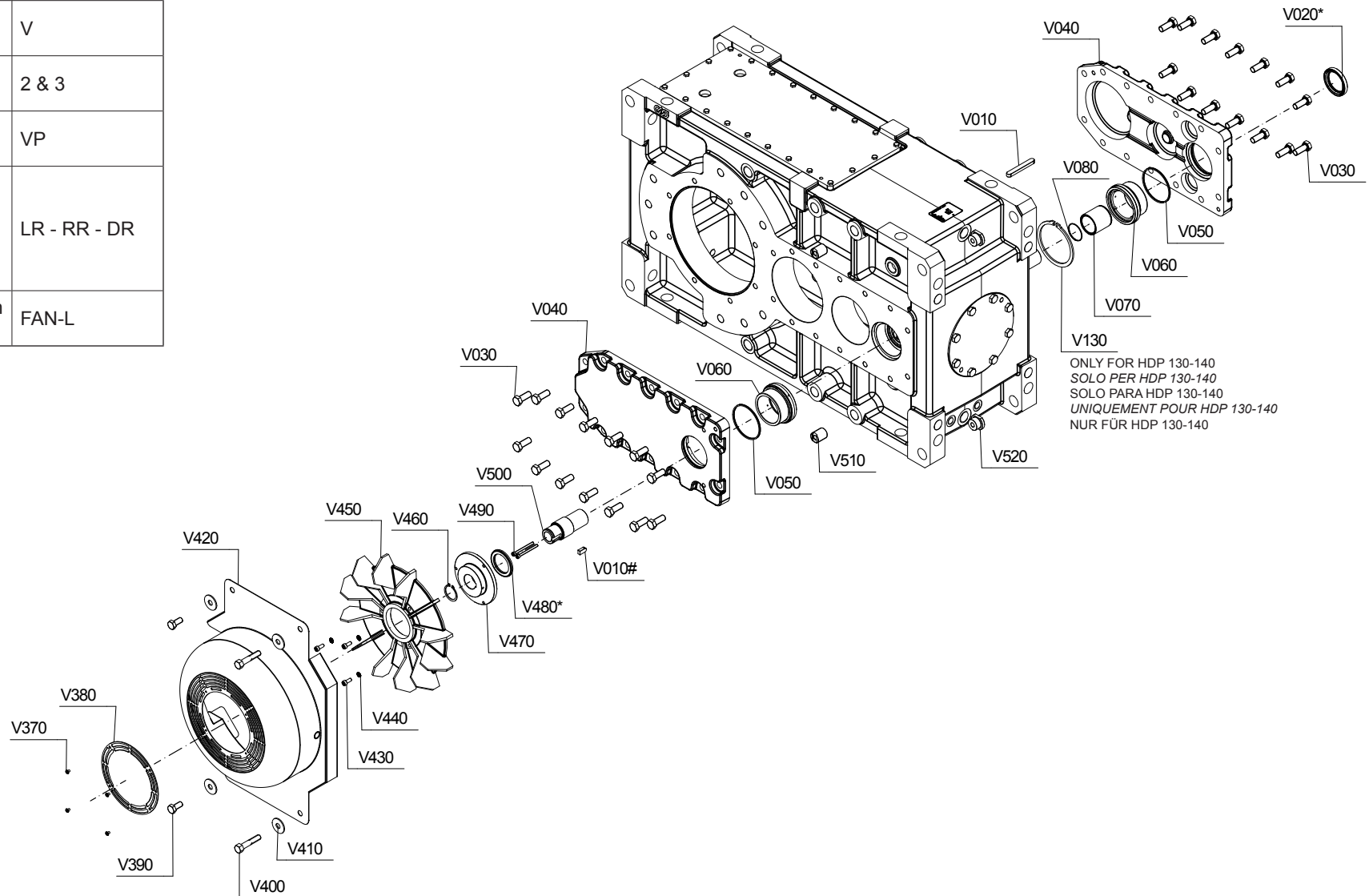
	Stages Stadi Etapas Étages Stufen			 OR				RATIO
		V030	V030	V050	V080	V130	V010	
HDP 130	2	M20X45	-	177.4X3.53	-	-	25X14X160 A	7.3-7.9-8.6-9.4-11.3-12.3
					123.42X3.53	120X4	20X12X125 A	14.1-15.4-17.4-19.0-21.7
	3	-	M20X50	126.6X3.53	-	-	18X11X125 A	21.8-23.8-28.6-31.2-35.7-39.0-44.1-48.1
							14X9X100 A	56.5-61.7-70.7-77.1-87.2-95.1-108.3
	4	-	M20X50	126.6X3.53	-	-	12X8X100 A	111.2-121.4-139.0-151.7-176.7-192.9-217.9-237.9
							10X8X70 A	274.5-299.6-348.9-380.9-469.8-534.5
HDP 140	2	M20X45	-	177.4X3.53	-	-	25X14X160 A	8.4-9.3-9.9-11.0-13.0-14.4
					123.42X3.53	120X4	20X12X125 A	16.3-18.0-20.1-22.2-24.9
	3	-	M20X50	126.6X3.53	-	-	18X11X125 A	25.1-27.7-32.9-36.4-41.1-45.5-50.7-56.2
							14X9X100 A	65.1-72.0-81.3-90.0-100.3-111.0-124.7
	4	-	M20X50	126.6X3.53	-	-	12X8X100 A	141.6-160.0-177.0-197.3-225.0-250.8-277.5
							10X8X70 A	315.9-349.6-401.6-444.4-495.3

HDP 100 ... HDP 140

	Stages Stadi Etapas Étages Stufen				RATIO
		V010#	V310	V340	
HDP 100	2	18X11X60 B	M10X85	60X2.15	ALL
	3	14X9X39 B	M8X90	50X2.15	22.8-25.3-28.1-31.3-35.4-39.3-45.0-50.0
		12X8X32 B		40X1.85	55.5-61.7-69.9-77.7-88.9-98.8-107.6
4	8X7X38 C	M6X55	25X1.2	ALL	
HDP 110	2	18X11X60 B	M10X85	60X2.15	ALL
	3	14X9X39 B	M8X90	50X2.15	24.9-27.6-30.7-34.0-38.7-42.8-49.2-54.5
		12X8X32 B		40X1.85	60.7-67.2-76.4-84.6-97.1-107.6-123.4
4	8X7X38 C	M6X55	25X1.2	ALL	
HDP 120	2	20X12X60 B	M10X80	70X2.5	ALL
	3	14X9X39 B	M8X60	50X2.15	25.8-28.0-32.5-35.4-39.9-43.5-51.6-56.1
		12X8X32 B		40X1.85	64.3-70.0-78.9-85.9-101.8-110.9-125.2
4	8X7X38 C	M6X55	25X1.2	ALL	
HDP 125	2	20X12X60 B	M10X80	70X2.5	ALL
	3	14X9X39 B	M8X60	50X2.15	29.1-31.3-36.7-39.5-45.1-48.5-58.2-62.6
		12X8X32 B		40X1.85	72.5-78.0-89.0-95.8-114.9-123.6
4	8X7X38 C	M6X55	25X1.2	ALL	
HDP 130	2	25X14X90 C	M12X100	90X3.15	7.3-7.9-8.6-9.4-11.3-12.3
		22X14X69 B	M10X90	80X2.5	14.1-15.4-17.4-19.0-21.7
	3	20X12X60 B	M10X80	70X2.5	21.8-23.8-28.6-31.2-35.7-39.0-44.1-48.1
		18X11X60 B		60X2.15	56.5-61.7-70.7-77.1-87.2-95.1-108.3
4	10X8X35 B	M6X55	35X1.5	ALL	
HDP 140	2	25X14X90 C	M12X100	90X3.15	8.4-9.3-9.9-11.0-13.0-14.4
		22X14X69 B	M10X90	80X2.5	16.3-18.0-20.1-22.2-24.9
	3	20X12X60 B	M10X80	70X2.5	25.1-27.7-32.9-36.4-41.1-45.5-50.7-56.2
		18X11X60 B		60X2.15	65.1-72.0-81.3-90.0-100.3-111.0-124.7
	4	10X8X35 B	M6X55	35X1.5	ALL

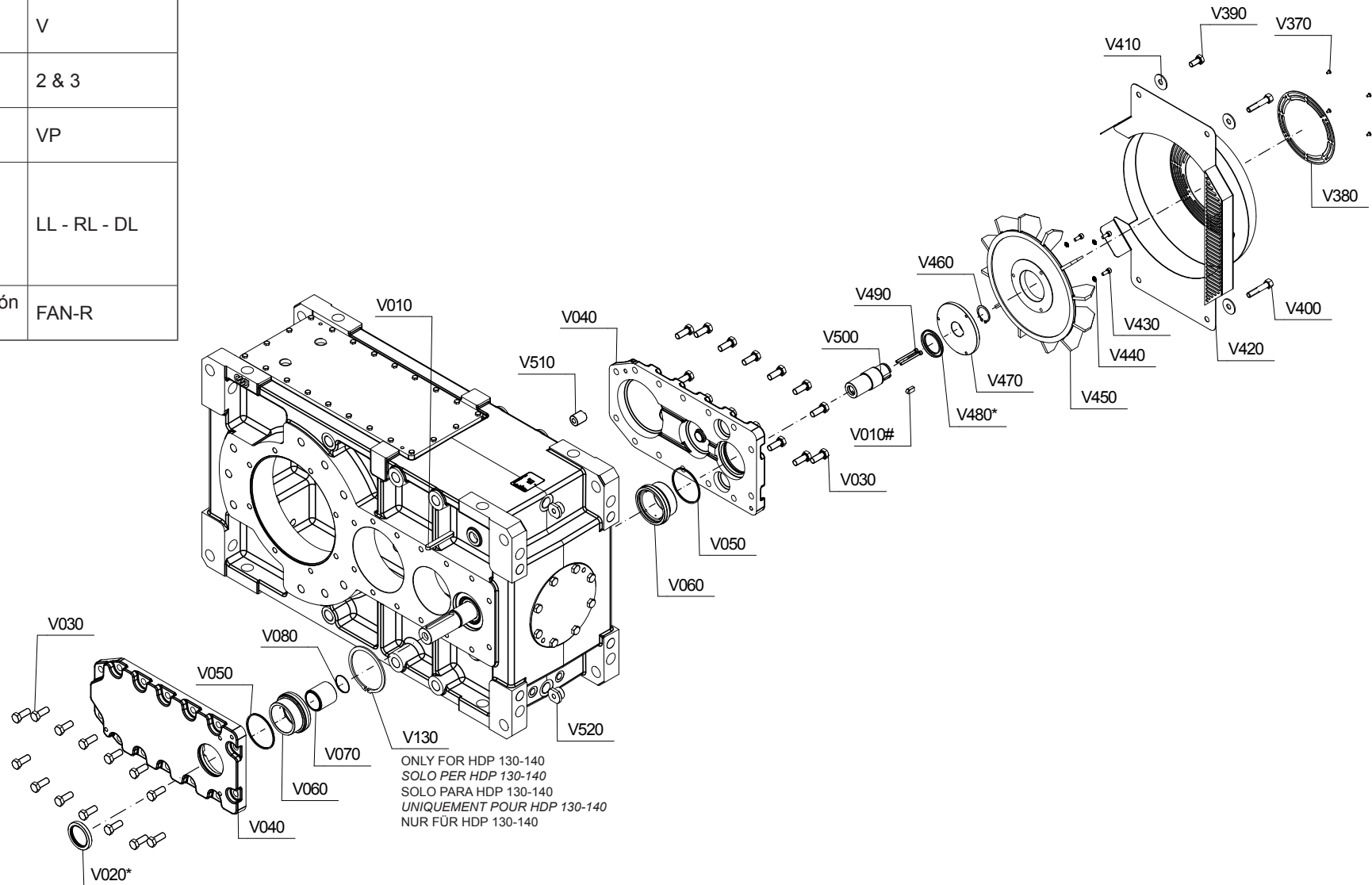
HDP 100 ... HDP 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LR - RR - DR
Option / Opzione / Opción Option / Option	FAN-L



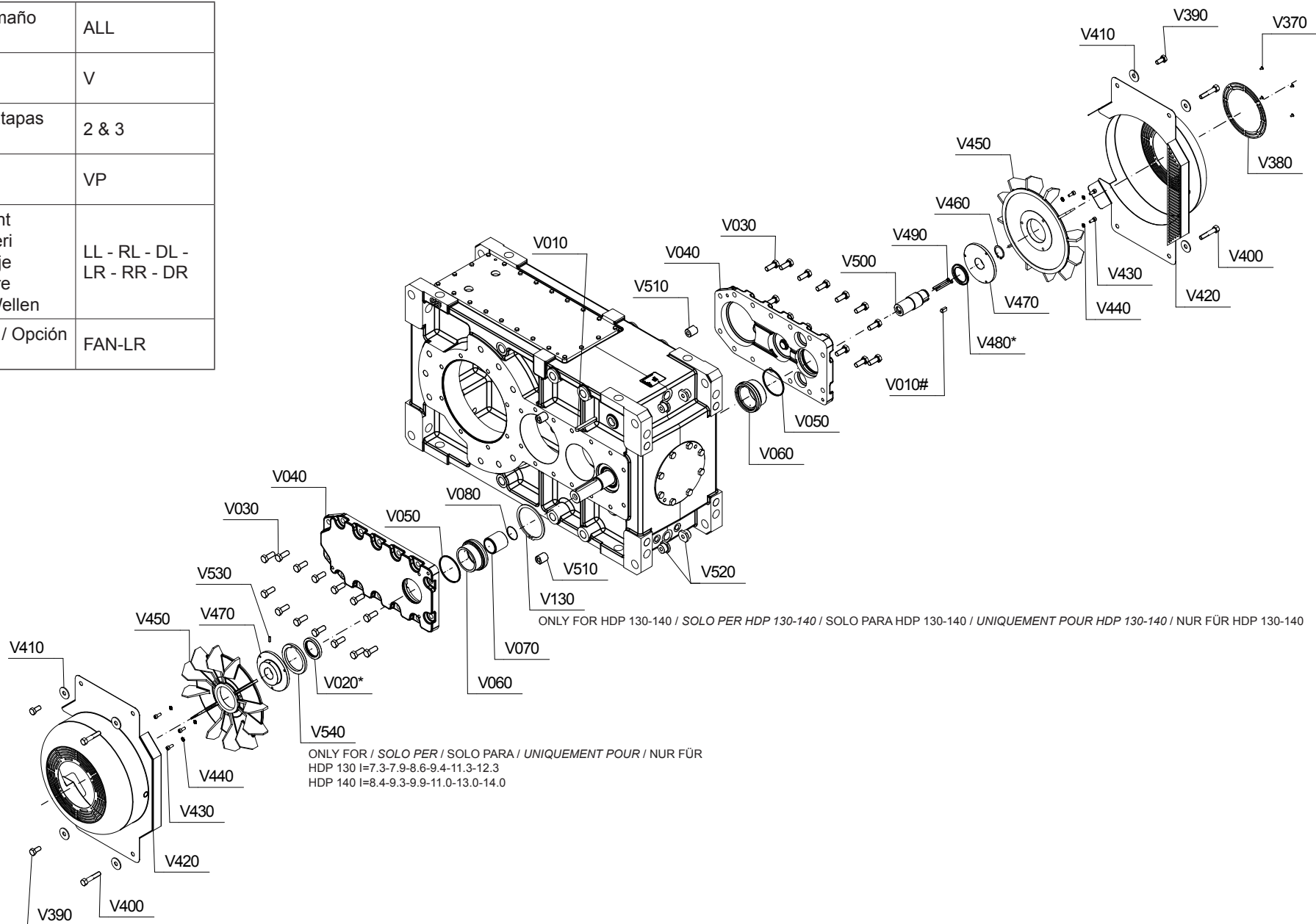
HDP 100 ... HDP 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LL - RL - DL
Option / Opzione / Opción Option / Option	FAN-R



HDP 100 ... HDP 140




Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LL - RL - DL - LR - RR - DR
Option / Opzione / Opción Option / Option	FAN-LR








HDP 100 ... HDP 140

Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V010#	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V020*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V030	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEISCHRAUBE
V040	PLAIN COVER	COPERCHIO CHIU	TAPA DE CIERRE	COUV.FERMETURE	SCHLUSSDECKEL
V050	ORING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT ORING	ORING GASKET
V060	OILSEAL BUSHING	BOCC PER ANEL TEN	CASQUILLO PARA RETEN	MANCHON DE JOI.ETAN.	ORINGBUCHSE
V070	OILSEAL BUSHING	BOCC PER ANEL TEN	CASQUILLO PARA RETEN	MANCHON DE JOI.ETAN.	ORINGBUCHSE
V080	ORING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT ORING	ORING GASKET
V130	SHAFT CIRCLIP	AN.ELASTICOALBERO	AN.ELASTICOEJE	BAGUE ELAST.ARBRE	SEEGERRING WELLE
V370	RIVET	RIVET A STRAPPO	REMACHE A DESGARRO	RIVET D'ARRACHAGE	RISSNIET
V380	PLAIN COVER	COPERCHIO CHIU	TAPA DE CIERRE	COUV.FERMETURE	SCHLUSSDECKEL
V390	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V400	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V410	WASHER	RONDELLA PIANA	ARANDELA PLANA	RONDELLE PLATE	FLACHSCHEIBE
V420	FAN COVER	COPRIVENT	TAPA VENTIL.	CACHE VENTILAT	LÜFTERHAUBE
V430	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEISCHRAUBE
V440	KNURLED WASHER	ROSETTA ZIGRINATA	ARANDELA PLANA GRANEADA	RONDELLE MOLETEE	GERANDELTE SCHEIBE
V450	FAN	VENTOLA	VENTILADOR	VENTILATEUR	LÜFTERRAD
V460	SHAFT CIRCLIP	AN.ELASTICOALBERO	AN.ELASTICOEJE	BAGUE ELAST.ARBRE	SEEGERRING WELLE
V470	FAN BUSHING	BOCC PER VENT	CASQUIL PARA VENTIL	MANCHON P/VENTILAT	LAUFRADBUCHESE
V480*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V490	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEISCHRAUBE
V500	OILSEAL BUSHING	BOCC PER ANEL TEN	CASQUILLO PARA RETEN	MANCHON DE JOI.ETAN.	ORINGBUCHSE
V510	DRWG.SCREW	VITE DISEGNO	TORNILLO DISE?O	VIS SELON PLAN	ZEICHN.SCHRAUBE
V520	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V530	STEI.CN SCREW	VITE S.T.E.I.CN	TORNILLO STEICN	VIS S.T.H.C	STEICNSCHRAUBE
V540	SPACER RING	DISTANZIALE	DISTANCIADOR	ENTRETOISE	DISTANZRING

HDP 100 ... HDP 140

	Stages Stadi Etapas Étages Stufen			OR 		RATIO
		V010	V030	V050	V080	
HDP 100	2	18X11X125 A	M14X40	126.6X3.53	-	-
	3	14X9X100 A	M14X40	94.84X3.53	47.35X1.78	22.8-25.3-28.1-31.3-35.4-39.3-45.0-50.0
HDP 110	2	18X11X125 A	M14X40	126.6X3.53	-	-
	3	14X9X100 A	M14X40	94.84X3.53	47.35X1.78	24.9-27.6-30.7-34.0-38.7-42.8-49.2-54.5
HDP 120	2	20X12X125 A	M16X40	145.64X3.53	72.69X2.62	ALL
	3	14X9X100 A	M16X40	94.84X3.53	47.35X1.78	25.8-28.0-32.5-35.4-39.9-43.5-51.6-56.1
HDP 125	2	20X12X125 A	M16X40	145.64X3.53	72.69X2.62	ALL
	3	14X9X100 A	M16X40	94.84X3.53	47.35X1.78	29.1-31.3-36.7-39.5-45.1-48.5-58.2-62.6

HDP 100 ... 140

	Stages Stadi Etapas Étages Stufen			OR 				RATIO
		V030	V030	V050	V080	V130	V010	
HDP 130	2	M20X45	-	177.4X3.53	-	-	25X14X160 A	7.3-7.9-8.6-9.4-11.3-12.3
					123.42X3.53	120X4	20X12X125 A	14.1-15.4-17.4-19.0-21.7
	3	-	M20X50	126.6X3.53	-	-	18X11X125 A	21.8-23.8-28.6-31.2-35.7-39.0-44.1-48.1
							14X9X100 A	56.5-61.7-70.7-77.1-87.2-95.1-108.3
HDP 140	2	M20X45	-	177.4X3.53	-	-	25X14X160 A	8.4-9.3-9.9-11.0-13.0-14.4
					123.42X3.53	120X4	20X12X125 A	16.3-18.0-20.1-22.2-24.9
	3	-	M20X50	126.6X3.53	-	-	18X11X125 A	25.1-27.7-32.9-36.4-41.1-45.5-50.7-56.2
							14X9X100 A	65.1-72.0-81.3-90.0-100.3-111.0-124.7

HDP 100 ... HDP 140

	Stages Stadi Etapas Étages Stufen										
		V010#	V370	V390	V400	V430	V490	V410	V440	V460	V530
HDP 100	2	14X9X27 C	4.8X8	M14X30	M 14X60	M8X20	M6X70	15.5X44X3	8.4	50X2.15	M6X10
	3										M6X20
HDP 110	2	14X9X27 C	4.8X8	M14X30	M 14X60	M8X20	M6X70	15.5X44X3	8.4	50X2.15	M6X10
	3										M6X20
HDP 120	2	20X12X33 C	4.8X8	M14X30	M 14X70	M8X20	M6X70	15.5X44X3	8.4	70X2.65	M6X10
	3	12X8X25 C								42X1.85	M6X20
HDP 125	2	20X12X33 C	4.8X8	M14X30	M 14X70	M8X20	M6X70	15.5X44X3	8.4	70X2.65	M6X10
	3	12X8X25 C								42X1.85	M6X20
HDP 130	2	20X12X33 C	4.8X8	M14X30	M14X120	M8X20	M6X60	15.5X44X3	8.4	70X2.65	M6X10
	3	18X11X33 C								60X2.15	M6X20
HDP 140	2	20X12X33 C	4.8X8	M14X30	M14X120	M8X20	M6X60	15.5X44X3	8.4	70X2.65	M6X10
	3	18X11X33 C								60X2.15	M6X20

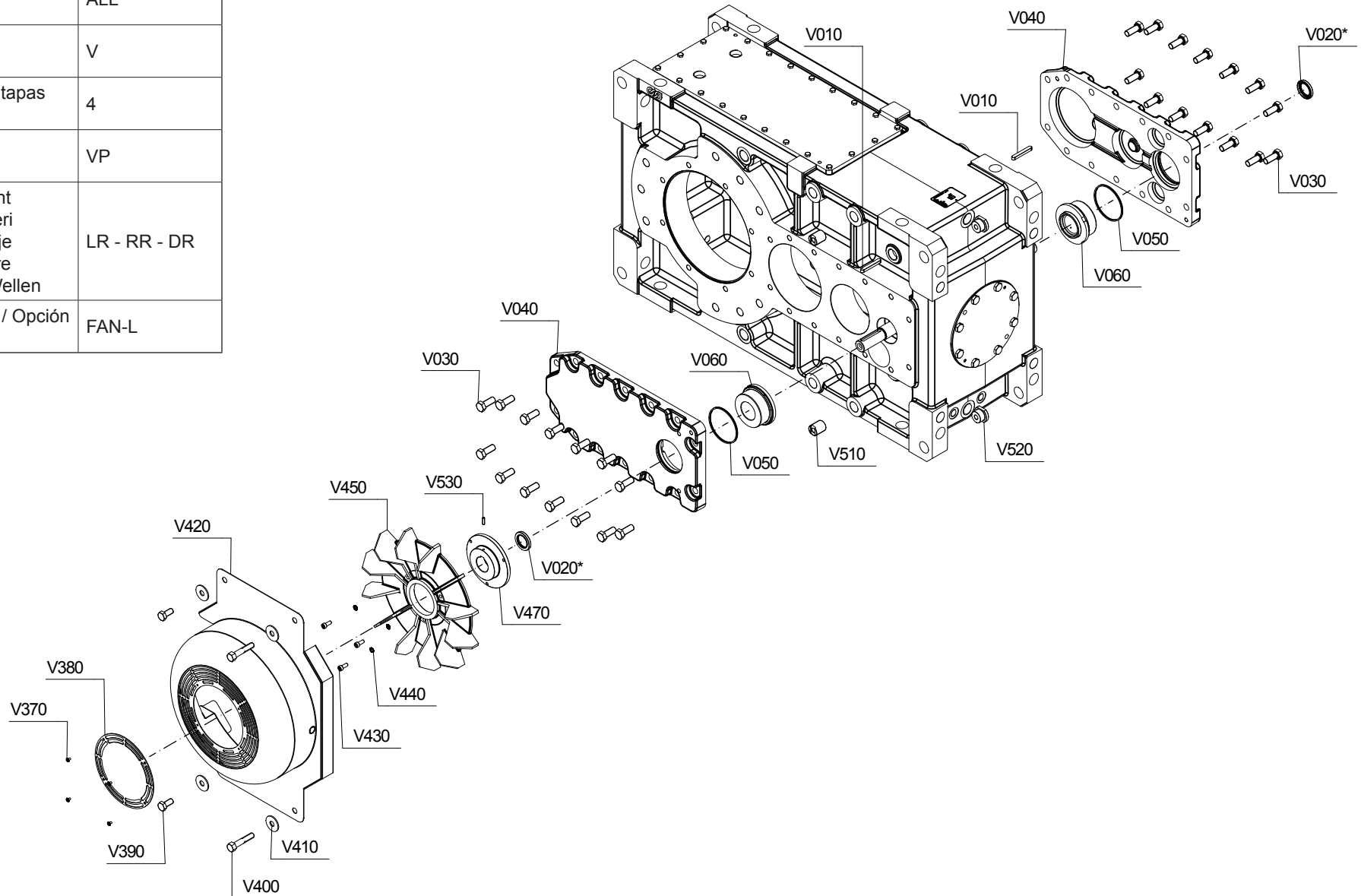
HDP 100 ... 140

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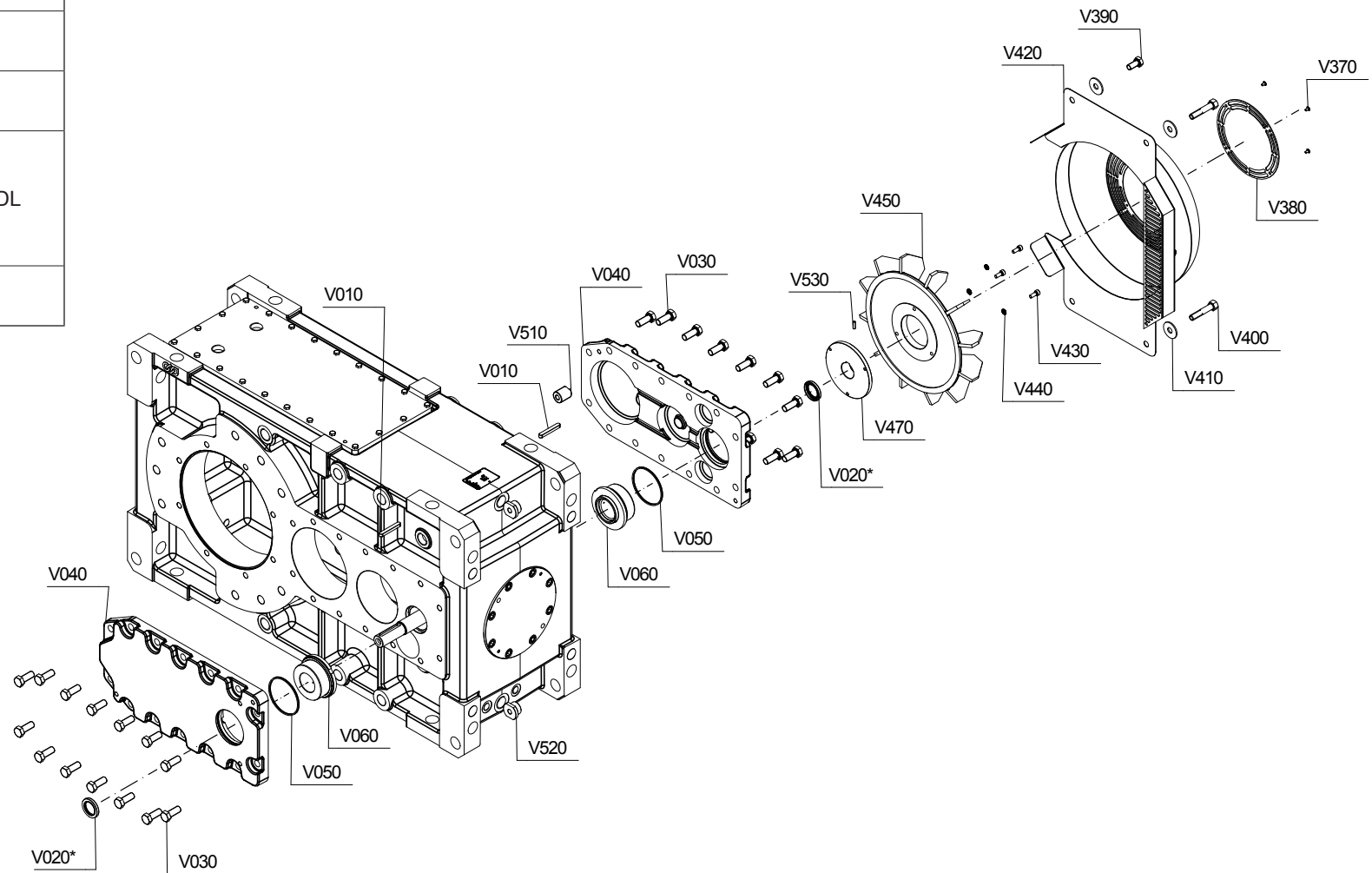
HDP 100 ... HDP 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	4
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LR - RR - DR
Option / Opzione / Opción Option / Option	FAN-L



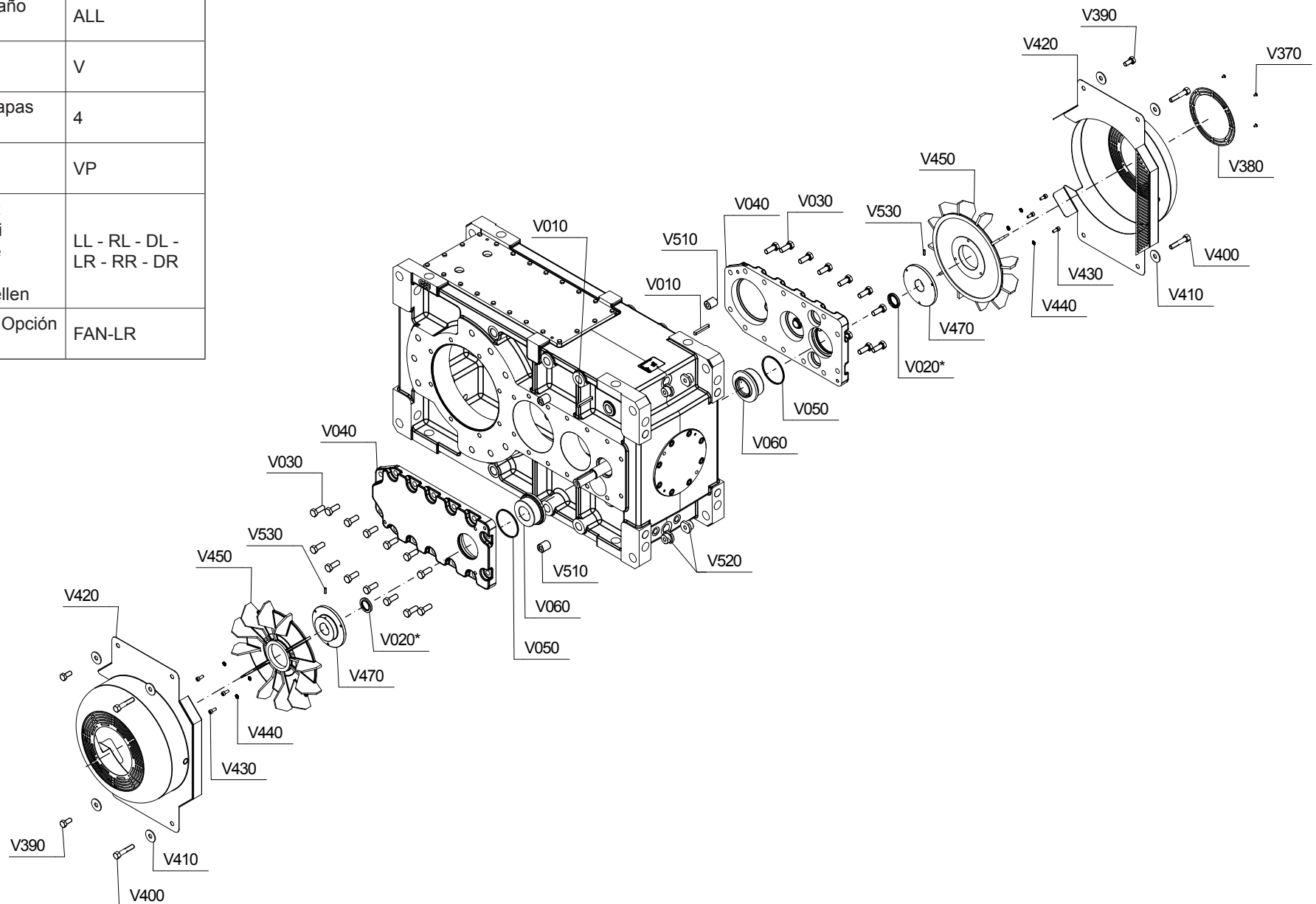
HDP 100 ... HDP 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	4
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LL - RL - DL
Option / Opzione / Opción Option / Option	FAN-R



HDP 100 ... HDP 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	4
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LL - RL - DL - LR - RR - DR
Option / Opzione / Opción Option / Option	FAN-LR












HDP 100 ... HDP 140

Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V020*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V040	PLAIN COVER	COPERCHIO CHIU	TAPA DE CIERRE	COUV.FERMETURE	SCHLUSSDECKEL
V050	ORING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT ORING	ORING GASKET
V060	OILSEAL BUSHING	BOCC PER ANEL TEN	CASQUILLO PARA RETEN	MANCHON DE JOI.ETAN.	ORINGBUCHSE
V370	RIVET	RIVET A STRAPPO	REMACHE A DESGARRO	RIVET D'ARRACHAGE	RISSNIET
V380	PLAIN COVER	COPERCHIO CHIU	TAPA DE CIERRE	COUV.FERMETURE	SCHLUSSDECKEL
V390	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V400	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V410	WASHER	RONDELLA PIANA	ARANDELA PLANA	RONDELLE PLATE	FLACHSCHEIBE
V420	FAN COVER	COPRIVENT	TAPA VENTIL.	CACHE VENTILAT	LÜFTERHAUBE
V430	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEISCHRAUBE
V440	KNURLED WASHER	ROSETTA ZIGRINATA	ARANDELA PLANA GRANEADA	RONDELLE MOLETEE	GERANDELTE SCHEIBE
V450	FAN	VENTOLA	VENTILADOR	VENTILATEUR	LÜFTERRAD
V470	FAN BUSHING	BOCC PER VENT	CASQUIL PARA VENTIL	MANCHON P/VENTILAT	LAUFRADBUCHESE
V510	DRWG.SCREW	VITE DISEGNO	TORNILLO DISE?O	VIS SELON PLAN	ZEICHN.SCHRAUBE
V520	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V530	STEI.CN SCREW	VITE S.T.E.I.CN	TORNILLO STEICN	VIS S.T.H.C	STEICNSCHRAUBE
V540	SPACER RING	DISTANZIALE	DISTANCIADOR	ENTRETOISE	DISTANZRING

NOTE: V020* Refer page no: 149 / NOTA: V020* Vedere pagina n°: 149 / NOTAS: V020* Consultar página n.º: 149 / NOTE : V020* Se référer à la page n° : 149 / HINWEIS: V020* Siehe Seite: 149

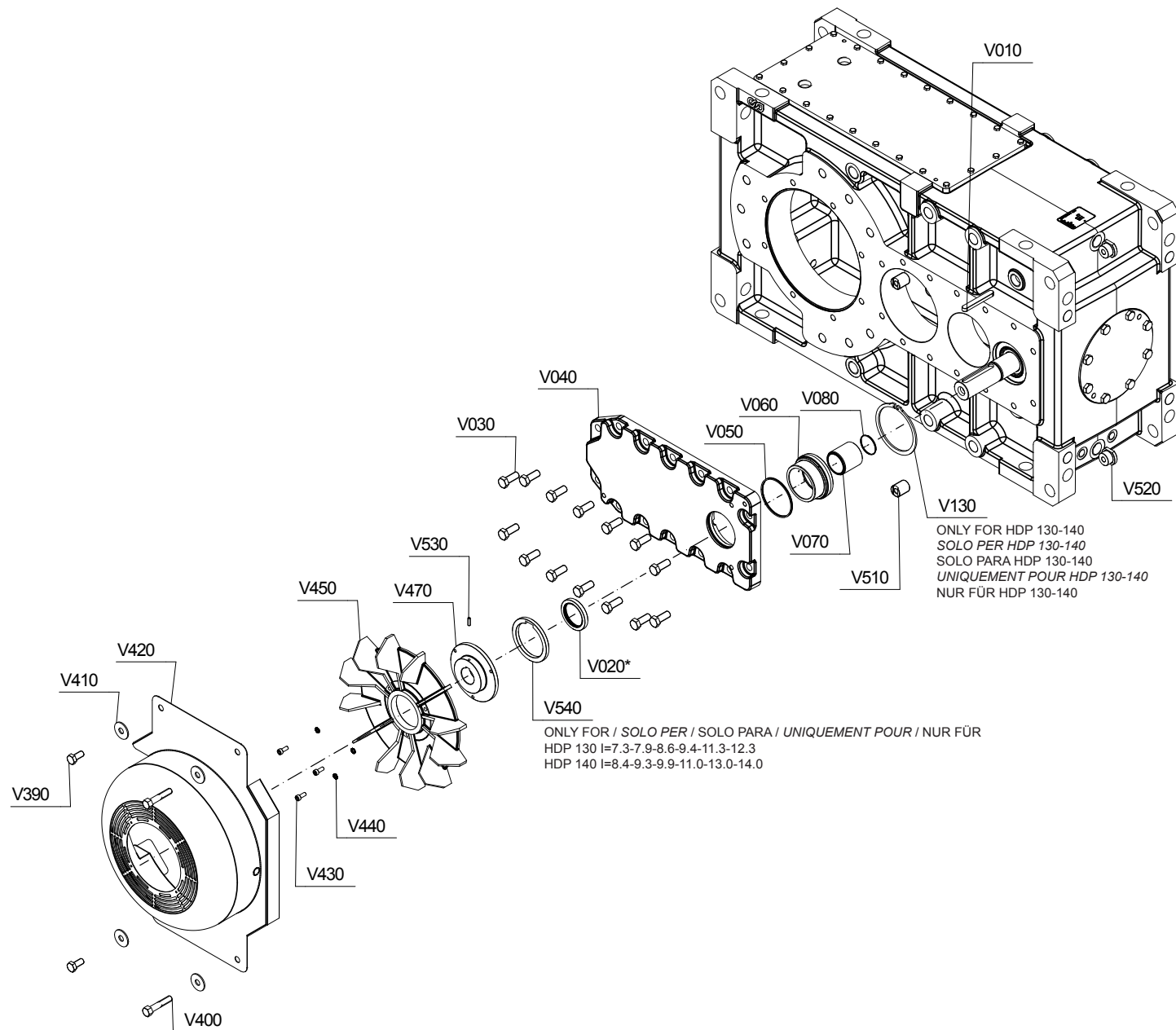
HDP 100 ... HDP 140

			 OR	
	V010	V030	V050	RATIO
HDP 100	10X8X70 A	M14X40	94.84X3.53	ALL
HDP 110	10X8X70 A	M14X40	94.84X3.53	ALL
HDP 120	10X8X70 A	M16X40	94.84X3.53	ALL
HDP 125	10X8X70 A	M16X40	94.84X3.53	ALL
HDP 130	12X8X100 A	M20X50	126.6X3.53	111.2-121.4-139.0-151.7-176.7-192.9-217.9-237.9
	10X8X70 A			274.5-299.6-348.9-380.9-469.8-534.5
HDP 140	12X8X100 A	M20X50	126.6X3.53	141.6-160.0-177.0-197.3-225.0-250.8-277.5
	10X8X70 A			315.9-349.6-401.6-444.4-495.3

							
	V370	V390	V400	V430	V410	V440	V530
HDP 100	4.8X8	M14X30	M14X60	M8X20	15.5X44X3	8.4	M6X20
HDP 110	4.8X8	M14X30	M14X60	M8X20	15.5X44X3	8.4	M6X20
HDP 120	4.8X8	M14X30	M14X70	M8X20	15.5X44X3	8.4	M6X20
HDP 125	4.8X8	M14X30	M14X70	M8X20	15.5X44X3	8.4	M6X20
HDP 130	4.8X8	M14X30	M14X120	M8X20	15.5X44X3	8.4	M6X20
HDP 140	4.8X8	M14X30	M14X120	M8X20	15.5X44X3	8.4	M6X20

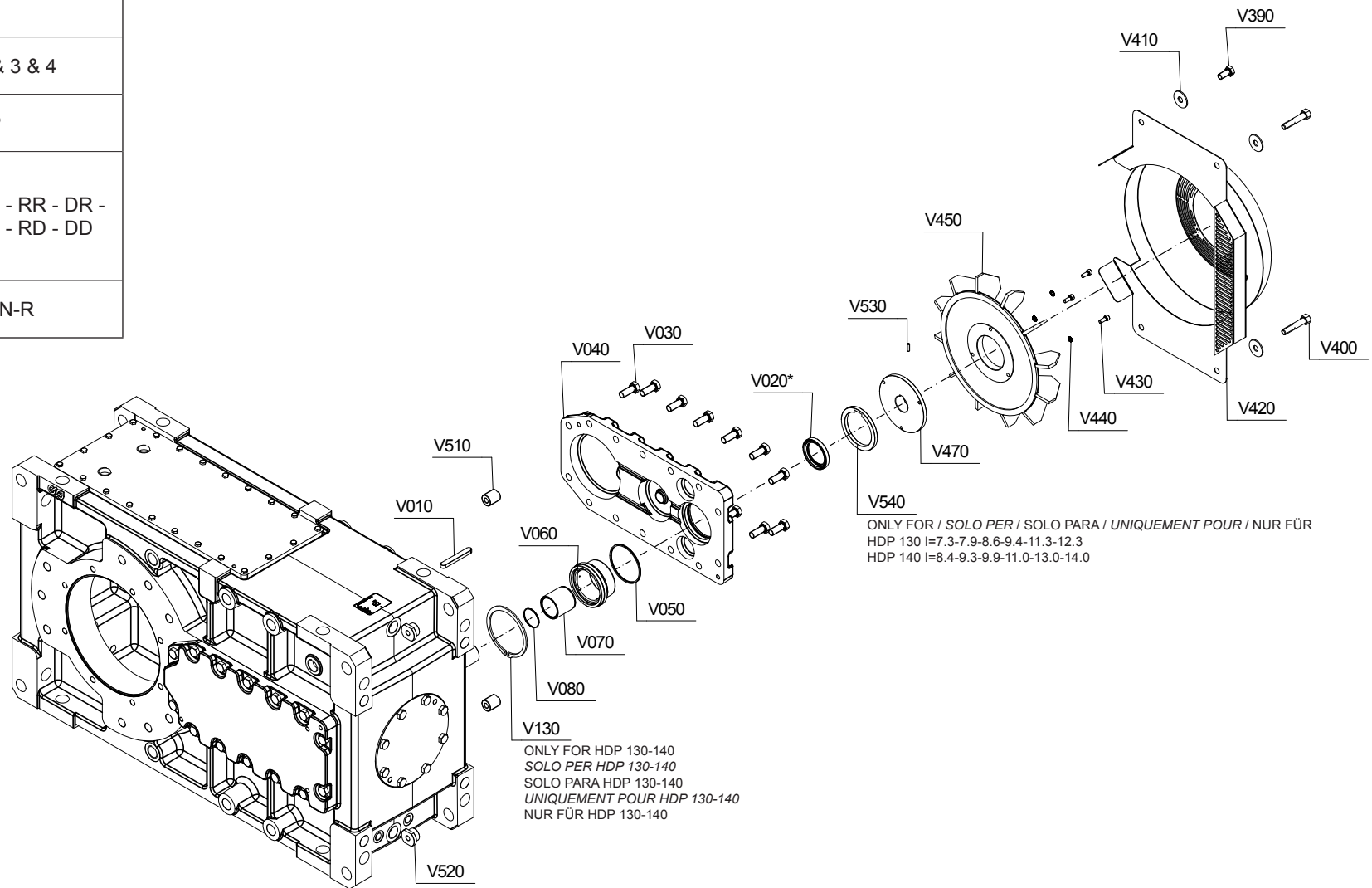
HDP 100 ... HDP 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LL - RL - DL - LD - RL - DD
Option / Opzione / Opción Option / Option	FAN-L



HDP 100 ... HDP 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LR - RR - DR - LD - RD - DD
Option / Opzione / Opción Option / Option	FAN-R






HDP 100 ... HDP 140

Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V020*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V030	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEISCHRAUBE
V040	PLAIN COVER	COPERCHIO CHIU	TAPA DE CIERRE	COUV.FERMETURE	SCHLUSSDECKEL
V050	ORING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT ORING	ORING GASKET
V060	OILSEAL BUSHING	BOCC PER ANEL TEN	CASQUILLO PARA RETEN	MANCHON DE JOI.ETAN.	ORINGBUCHSE
V070	OILSEAL BUSHING	BOCC PER ANEL TEN	CASQUILLO PARA RETEN	MANCHON DE JOI.ETAN.	ORINGBUCHSE
V080	ORING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT ORING	ORING GASKET
V130	SHAFT CIRCLIP	AN.ELASTICOALBERO	AN.ELASTICOEJE	BAGUE ELAST.ARBRE	SEEGERRING WELLE
V390	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V400	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V410	WASHER	RONDELLA PIANA	ARANDELA PLANA	RONDELLE PLATE	FLACHSCHEIBE
V420	FAN COVER	COPRIVENT	TAPA VENTIL.	CACHE VENTILAT	LÜFTERHAUBE
V430	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEISCHRAUBE
V440	KNURLED WASHER	ROSETTA ZIGRINATA	ARANDELA PLANA GRANEADA	RONDELLE MOLETEE	GERANDELTE SCHEIBE
V450	FAN	VENTOLA	VENTILADOR	VENTILATEUR	LÜFTERRAD
V470	FAN BUSHING	BOCC PER VENT	CASQUIL PARA VENTIL	MANCHON P/VENTILAT	LAUFRADBUCHESE
V510	DRWG.SCREW	VITE DISEGNO	TORNILLO DISE?O	VIS SELON PLAN	ZEICHN.SCHRAUBE
V520	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V530	STEI.CN SCREW	VITE S.T.E.I.CN	TORNILLO STEICN	VIS S.T.H.C	STEICNSCHRAUBE
V540	SPACER RING	DISTANZIALE	DISTANCIADOR	ENTRETOISE	DISTANZRING






NOTE: V020* Refer page no: 149 / NOTA: V020* Vedere pagina n°: 149 / NOTAS: V020* Consultar página n.º: 149 / NOTE : V020* Se référer à la page n° : 149 / HINWEIS: V020* Siehe Seite: 149

HDP 100 ... HDP 140

	Stages Stadi Etapas Étages Stufen			 OR		RATIO
		V010	V030	V050	V080	
HDP 100	2	18X11X125 A	M14X40	126.6X3.53	-	-
	3	14X9X100 A		94.84X3.53	47.35X1.78	22.8-25.3-28.1-31.3-35.4-39.3-45.0-50.0
	4	10X8X70 A		94.84X3.53	-	-
HDP 110	2	18X11X125 A	M14X40	126.6X3.53	-	-
	3	14X9X100 A		94.84X3.53	47.35X1.78	24.9-27.6-30.7-34.0-38.7-42.8-49.2-54.5
	4	10X8X70 A		94.84X3.53	-	-
HDP 120	2	20X12X125 A	M16X40	145.64X3.53	72.69X2.62	ALL
	3	14X9X100 A		94.84X3.53	47.35X1.78	25.8-28.0-32.5-35.4-39.9-43.5-51.6-56.1
	4	10X8X70 A		94.84X3.53	-	-
HDP 125	2	20X12X125 A	M16X40	145.64X3.53	72.69X2.62	ALL
	3	14X9X100 A		94.84X3.53	47.35X1.78	29.1-31.3-36.7-39.5-45.1-48.5-58.2-62.6
	4	10X8X70 A		94.84X3.53	-	-

HDP 100 ... 140

HDP 100 ... HDP 140

	Stages Stadi Etapas Étages Stufen			 OR				RATIO
		V030	V030	V050	V080	V130	V010	
HDP 130	2	M20X45	-	177.4X3.53	-	-	25X14X160 A	7.3-7.9-8.6-9.4-11.3-12.3
					123.42X3.53	120X4	20X12X125 A	14.1-15.4-17.4-19.0-21.7
	3	-	M20X50	126.6X3.53	-	-	18X11X125 A	21.8-23.8-28.6-31.2-35.7-39.0-44.1-48.1
							14X9X100 A	56.5-61.7-70.7-77.1-87.2-95.1-108.3
	4	-	M20X50	126.6X3.53	-	-	12X8X100 A	111.2-121.4-139.0-151.7-176.7-192.9-217.9-237.9
							10X8X70 A	274.5-299.6-348.9-380.9-469.8-534.5
HDP 140	2	M20X45	-	177.4X3.53	-	-	25X14X160 A	8.4-9.3-9.9-11.0-13.0-14.4
					123.42X3.53	120X4	20X12X125 A	16.3-18.0-20.1-22.2-24.9
	3	-	M20X50	126.6X3.53	-	-	18X11X125 A	25.1-27.7-32.9-36.4-41.1-45.5-50.7-56.2
							14X9X100 A	65.1-72.0-81.3-90.0-100.3-111.0-124.7
	4	-	M20X50	126.6X3.53	-	-	12X8X100 A	141.6-160.0-177.0-197.3-225.0-250.8-277.5
							10X8X70 A	315.9-349.6-401.6-444.4-495.3

HDP 100 ... 140

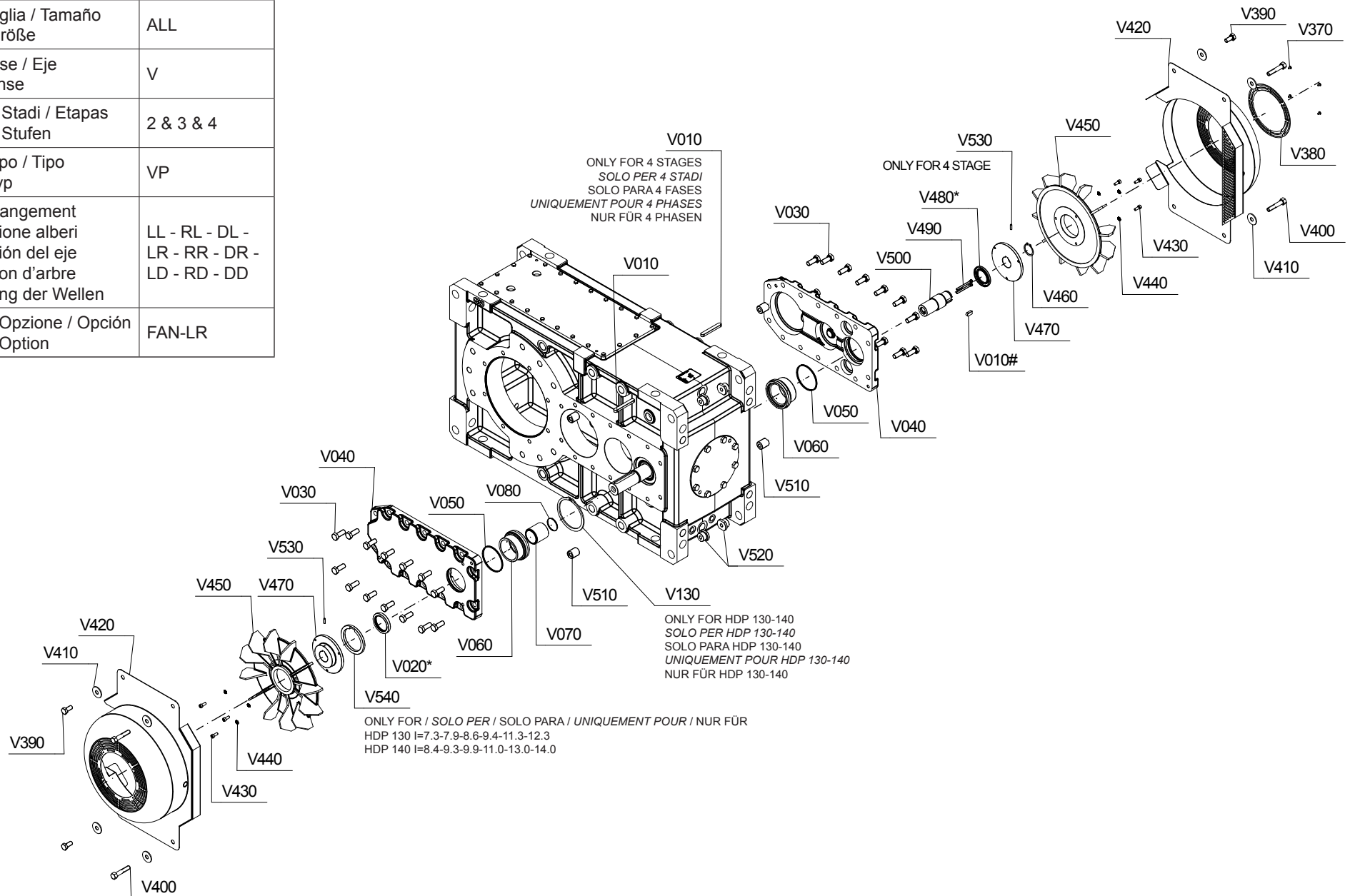
HDP 100 ... HDP 140

	Stages Stadi Etapas Étages Stufen						
		V390	V400	V430	V440	V530	V530
HDP 100	2	M14X30	M14X60	M8X20	15.5X44X3	8.4	M6X10
	3 & 4						M6X20
HDP 110	2	M14X30	M14X60	M8X20	15.5X44X3	8.4	M6X10
	3 & 4						M6X20
HDP 120	2	M14X30	M14X70	M8X20	15.5X44X3	8.4	M6X10
	3 & 4						M6X20
HDP 125	2	M14X30	M14X70	M8X20	15.5X44X3	8.4	M6X10
	3 & 4						M6X20
HDP 130	2	M14X30	M14X120	M8X20	15.5X44X3	8.4	M6X10
	3 & 4						M6X20
HDP 140	2	M14X30	M14X120	M8X20	15.5X44X3	8.4	M6X10
	3 & 4						M6X20

HDP 100 ... 140

HDP 100 ... HDP 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LL - RL - DL - LR - RR - DR - LD - RD - DD
Option / Opzione / Opción Option / Option	FAN-LR






HDP 100 ... 140

HDP 100 ... HDP 140






Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V010#	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V020*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V030	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEISCHRAUBE
V040	PLAIN COVER	COPERCHIO CHIU	TAPA DE CIERRE	COUV.FERMETURE	SCHLUSSDECKEL
V050	ORING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT ORING	ORING GASKET
V060	OILSEAL BUSHING	BOCC PER ANEL TEN	CASQUILLO PARA RETEN	MANCHON DE JOI.ETAN.	ORINGBUCHSE
V070	OILSEAL BUSHING	BOCC PER ANEL TEN	CASQUILLO PARA RETEN	MANCHON DE JOI.ETAN.	ORINGBUCHSE
V080	ORING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT ORING	ORING GASKET
V370	RIVET	RIVET A STRAPPO	REMACHE A DESGARRO	RIVET D'ARRACHAGE	RISSNIET
V380	PLAIN COVER	COPERCHIO CHIU	TAPA DE CIERRE	COUV.FERMETURE	SCHLUSSDECKEL
V390	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V400	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V410	WASHER	RONDELLA PIANA	ARANDELA PLANA	RONDELLE PLATE	FLACHSCHEIBE
V420	FAN COVER	COPRIVENT	TAPA VENTIL.	CACHE VENTILAT	LÜFTERHAUBE
V430	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEISCHRAUBE
V440	KNURLED WASHER	ROSETTA ZIGRINATA	ARANDELA PLANA GRANEADA	RONDELLE MOLETEE	GERANDELTE SCHEIBE
V450	FAN	VENTOLA	VENTILADOR	VENTILATEUR	LÜFTERRAD
V460	SHAFT CIRCLIP	AN.ELASTICOALBERO	AN.ELASTICOEJE	BAGUE ELAST.ARBRE	SEEGERRING WELLE
V470	FAN BUSHING	BOCC PER VENT	CASQUIL PARA VENTIL	MANCHON P/VENTILAT	LAUFRADBUCHESE
V480*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V490	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEISCHRAUBE
V500	OILSEAL BUSHING	BOCC PER ANEL TEN	CASQUILLO PARA RETEN	MANCHON DE JOI.ETAN.	ORINGBUCHSE
V510	DRWG.SCREW	VITE DISEGNO	TORNILLO DISE?O	VIS SELON PLAN	ZEICHN.SCHRAUBE
V520	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V530	STEI.CN SCREW	VITE S.T.E.I.CN	TORNILLO STEICN	VIS S.T.H.C	STEICNSCHRAUBE
V540	SPACER RING	DISTANZIALE	DISTANCIADOR	ENTRETOISE	DISTANZRING

HDP 100 ... HDP 140

	Stages Stadi Etapas Étages Stufen			 OR		RATIO
		V010	V030	V050	V080	
HDP 100	2	18X11X125 A	M14X40	126.6X3.53	-	-
	3	14X9X100 A		94.84X3.53	47.35X1.78	22.8-25.3-28.1-31.3-35.4-39.3-45.0-50.0
	4	10X8X70 A		94.84X3.53	-	-
HDP 110	2	18X11X125 A	M14X40	126.6X3.53	-	-
	3	14X9X100 A		94.84X3.53	47.35X1.78	24.9-27.6-30.7-34.0-38.7-42.8-49.2-54.5
	4	10X8X70 A		94.84X3.53	-	-
HDP 120	2	20X12X125 A	M16X40	145.64X3.53	72.69X2.62	ALL
	3	14X9X100 A		94.84X3.53	47.35X1.78	25.8-28.0-32.5-35.4-39.9-43.5-51.6-56.1
	4	10X8X70 A		94.84X3.53	-	-
HDP 125	2	20X12X125 A	M16X40	145.64X3.53	72.69X2.62	ALL
	3	14X9X100 A		94.84X3.53	47.35X1.78	29.1-31.3-36.7-39.5-45.1-48.5-58.2-62.6
	4	10X8X70 A		94.84X3.53	-	-

HDP 100 ... 140

HDP 100 ... HDP 140

	Stages Stadi Etapas Étages Stufen			 OR				RATIO
		V030	V030	V050	V080	V130	V010	
HDP 130	2	M20X45	-	177.4X3.53	-	-	25X14X160 A	7.3-7.9-8.6-9.4-11.3-12.3
					123.42X3.53	120X4	20X12X125 A	14.1-15.4-17.4-19.0-21.7
	3	-	M20X50	126.6X3.53	-	-	18X11X125 A	21.8-23.8-28.6-31.2-35.7-39.0-44.1-48.1
							14X9X100 A	56.5-61.7-70.7-77.1-87.2-95.1-108.3
	4	-	M20X50	126.6X3.53	-	-	12X8X100 A	111.2-121.4-139.0-151.7-176.7-192.9-217.9-237.9
							10X8X70 A	274.5-299.6-348.9-380.9-469.8-534.5
HDP 140	2	M20X45	-	177.4X3.53	-	-	25X14X160 A	8.4-9.3-9.9-11.0-13.0-14.4
					123.42X3.53	120X4	20X12X125 A	16.3-18.0-20.1-22.2-24.9
	3	-	M20X50	126.6X3.53	-	-	18X11X125 A	25.1-27.7-32.9-36.4-41.1-45.5-50.7-56.2
							14X9X100 A	65.1-72.0-81.3-90.0-100.3-111.0-124.7
	4	-	M20X50	126.6X3.53	-	-	12X8X100 A	141.6-160.0-177.0-197.3-225.0-250.8-277.5
							10X8X70 A	315.9-349.6-401.6-444.4-495.3

HDP 100 ... HDP 140

	Stages Stadi Etapas Étages Stufen										
		V370	V390	V400	V410	V440	V460	V430	V490	V530	V530
HDP 100	2	4.8X8	M14X30	M14X60	15.5X44X3	8.4	8.4	50X2.15	M8X20	M6X70	M6X10
	3										M6X20
	4										-
HDP 110	2	4.8X8	M14X30	M14X60	15.5X44X3	8.4	8.4	50X2.15	M8X20	M6X70	M6X10
	3										M6X20
	4										-
HDP 120	2	4.8X8	M14X30	M14X70	15.5X44X3	8.4	8.4	70X2.65	M8X20	M6X70	M6X10
	3							42X1.85			M6X20
	4							-			-
HDP 125	2	4.8X8	M14X30	M14X70	15.5X44X3	8.4	8.4	70X2.65	M8X20	M6X70	M6X10
	3							42X1.85			M6X20
	4							-			-
HDP 130	2	4.8X8	M14X30	M14X120	15.5X44X3	8.4	8.4	70X2.65	M8X20	M6X60	M6X10
	3							60X2.15			M6X20
	4							-			-
HDP 140	2	4.8X8	M14X30	M14X120	15.5X44X3	8.4	8.4	70X2.65	M8X20	M6X60	M6X10
	3							60X2.15			M6X20
	4							-			-

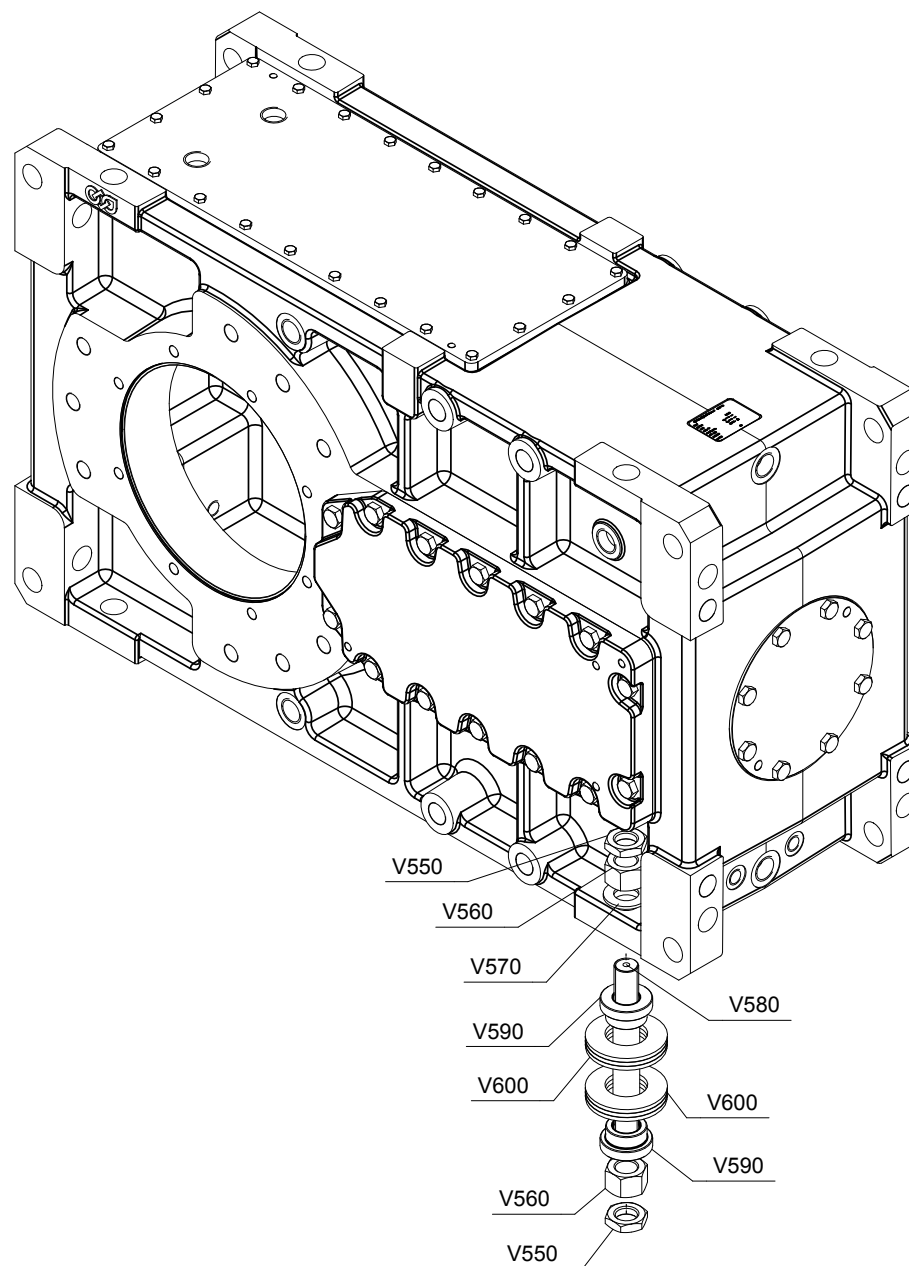
HDP 100 ... 140

NOTE: V020* Refer page no: 149 / NOTA: V020* Vedere pagina n°: 149 / NOTAS: V020* Consultar página n.º: 149 / NOTE : V020* Se référer à la page n° : 149 / HINWEIS: V020* Siehe Seite: 149

NOTE: V480* Refer page no: 154 / NOTA: V480* Vedere pagina n°: 154 / NOTAS: V480* Consultar página n.º: 154 / NOTE : V480* Se référer à la page n° : 154 / HINWEIS: V480* Siehe Seite: 154




HDP 100 ... HDP 140

Size / Taglia / Tamaño Taille / Größe	ALL
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Option / Opzione / Opción Option / Option	TA

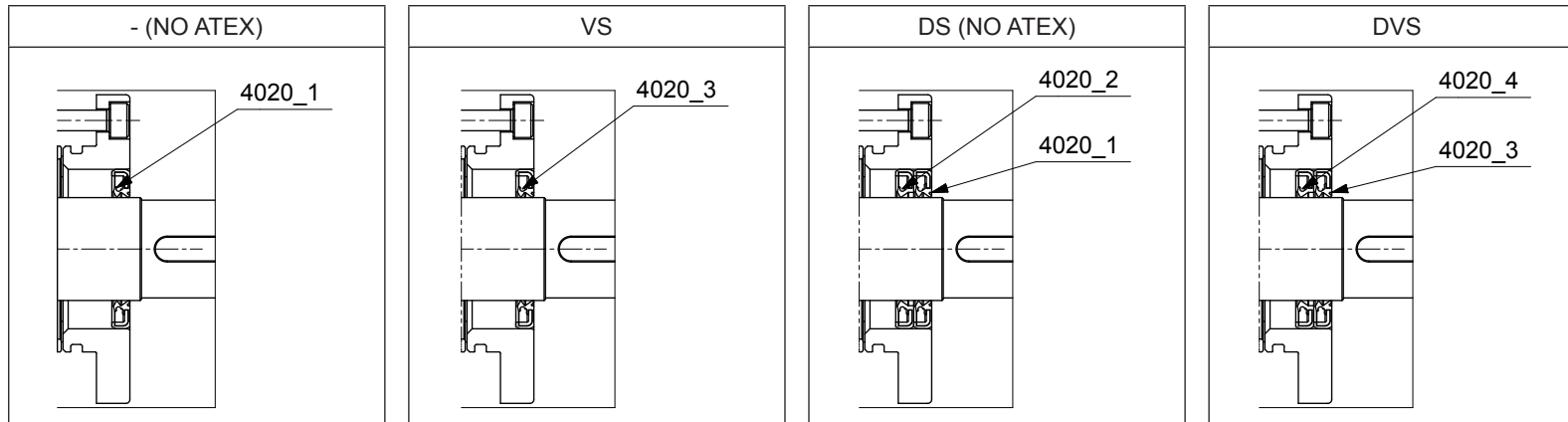


HDP 100 ... HDP 140

Pos	Description	Descrizione	Descripción	Description	Beschreibung
V550	SMALL NUT	DADO BASSO	TUERCA BAJO	ECROU BAS	TIEFMUTTER
V560	LARGE NUT	DADO ALTO	TUERCA	ECROU HAUT	HOCHMUTTER
V570	WASHER	RONDELLA PIANA	ARANDELA PLANA	RONDELLE PLATE	FLACHSCHEIBE
V580	PIN	PERNO	BRAZO	PIVOT	BOLZEN
V590	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V600	SPRING	MOLLA A TAZZA	MUELLE/DISCO	ROND.BELLEVL.	TELLERFEDER

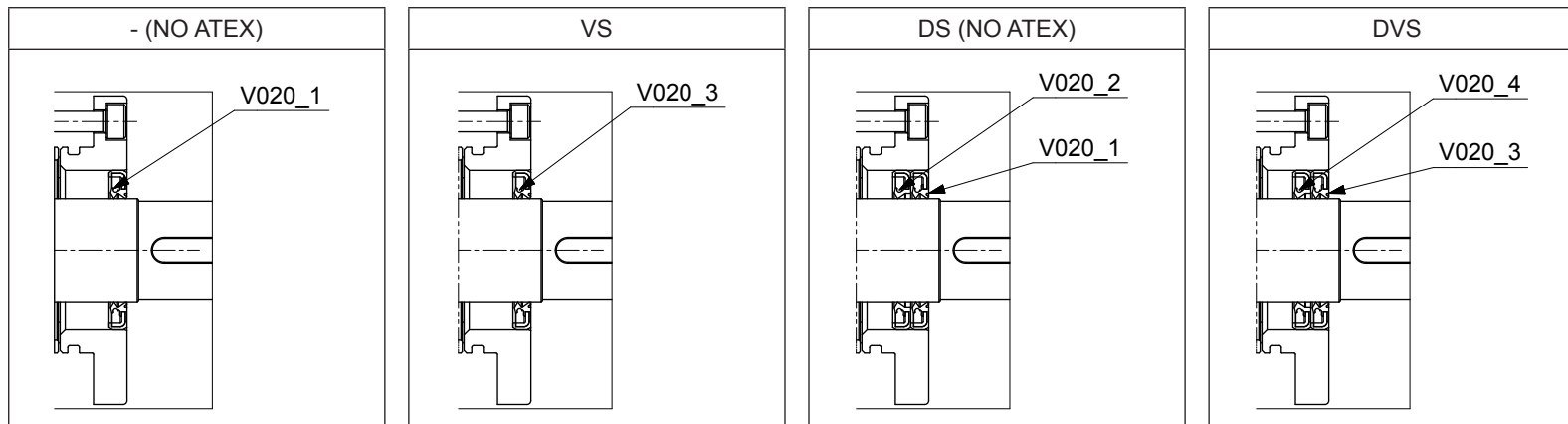
				
	V550	V560	V570	V600
HDP 100	M27	M27	28X50X4	100X51X6
HDP 110	M27	M27	28X50X4	100X51X6
HDP 120	M30	M30	30	100X51X6
HDP 125	M30	M30	30	100X51X6
HDP 130	M36	M36	36	125X64X8
HDP 140	M36	M36	36	125X64X8

HDP 100 ... HDP 140



4020*	OILSEAL - 4020*			
	4020_1	4020_2	4020_3	4020_4
HDP 100	160X190X15 DL	160X190X15 L	160X190X15 DL	160X190X15 L
HDP 110	170X200X15 DL	170X200X15 L	170X200X15 DL	170X200X15 L
HDP 120	180X210X15 DL	180X210X15 L	180X210X15 DL	180X210X15 L
HDP 125	200X230X15 DL	200X230X15 L	200X230X15 DL	200X230X15 L
HDP 130	220X250X16 DL	220X250X16 L	220X250X15 DL	220X250X15 L
HDP 140	240X270X15 DL	240X270X15 L	240X270X15 DL	240X270X15 L

HDP 100 ... HDP 140



V020*	Stages / Stadi / Etapas Étages / Stufen	OILSEAL - V020*				
		V020_1	V020_2	V020_3	V020_3	RATIO
HDP 100	2	65X90X10 DL	65X90X10 L	65X90X10 DL	65X90X10 L	ALL
	3	60X80X10 DL	60X80X10 L	60X80X8 DL	60X80X10 L	22.8-25.3-28.1-31.3-35.4-39.3-45.0-50.0
		50X80X10 DL	50X80X10 L	50X80X8 DL	50X80X8 L	55.5-61.7-69.9-77.7-88.9-98.8-107.6
4	35X52X7 DL	35X52X7 L	35X52X7 DL	35X52X7 DL	ALL	
HDP 110	2	65X90X10 DL	65X90X10 L	65X90X10 DL	65X90X10 L	ALL
	3	60X80X10 DL	60X80X10 DL	60X80X8 DL	60X80X10 L	24.9-27.6-30.7-34.0-38.7-42.8-49.2-54.5
		50X80X10 DL	50X80X10 L	50X80X8 DL	50X80X8 L	60.7-67.2-76.4-84.6-97.1-107.6-123.4
4	35X52X7 DL	35X52X7 DL	35X52X7 DL	35X52X7 DL	ALL	
HDP 120	2	90X110X12 DL	90X110X12 L	90X110X12 DL	90X110X12 L	ALL
	3	60X80X10 DL	60X80X10 L	60X80X8 DL	60X80X10 L	25.8-28.0-32.5-35.4-39.9-43.5-51.6-56.1
		50X80X8 DL	50X80X8 L	50X80X8 DL	50X80X8 L	64.3-70.0-78.9-85.9-101.8-110.9-125.2
4	35X52X7 DL	35X52X7 DL	35X52X7 DL	35X52X7 L	ALL	
HDP 125	2	90X110X12 DL	90X110X12 L	90X110X12 DL	90X110X12 L	ALL
	3	60X80X10 DL	60X80X10 DL	60X80X8 DL	60X80X10 L	29.1-31.3-36.7-39.5-45.1-48.5-58.2-62.6
		50X80X8 DL	50X80X8 L	50X80X8 DL	50X80X8 L	72.5-78.0-89.0-95.8-114.9-123.6
4	35X52X7 DL	35X52X7 DL	35X52X7 DL	35X52X7 L	ALL	

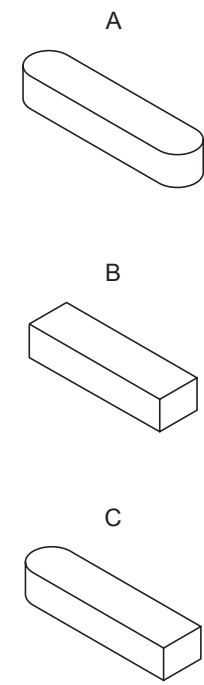
HDP 100 ... HDP 140

	Stages Stadi Etapas Étages Stufen	OILSEAL - V020*					
		V020_1	V020_2	V020_3	V020_3	RATIO	SHAFT ARRANGEMENT
HDP 130	2	100X130X12 DL	100X130X12 L	100X130X12 DL	100X130X12 L	7.3-7.9-8.6-9.4-11.3-12.3	LL - RL - DL - LR - RR - DR - LD - RD - DD
		75X100X10 DL	75X100X10 L	75X100X10 DL	75X100X10 L	14.1-15.4-17.4-19.0-21.7	
	3	70X90X10 DL	70X90X10 L	70X90X10 DL	70X90X10 L	21.8-23.8-28.6-31.2-35.7-39.0-44.1-48.1	
		60X90X8 DL	60X90X10 L	60X90X8 DL	60X90X10 L	56.5-61.7-70.7-77.1-87.2-95.1-108.3	
	4	50X72X8 DL	50X72X8 L	50X72X8 DL	50X72X8 L	111.2-121.4-139.0-151.7-176.7-192.9-217.9-237.9	
		35X72X10 L	35X72X10 L	35X72X10 DL	35X72X10 L	274.5-299.6-348.9-380.9-469.8-534.5	
	40X72X7 DL	40X72X10 L	40X72X7 DL	40X72X7 L	LD - RD - DD		
HDP 140	2	100X130X12 DL	100X130X12 L	100X130X12 DL	100X130X12 L	8.4-9.3-9.9-11.0-13.0-14.4	LL - RL - DL - LR - RR - DR - LD - RD - DD
		75X100X10 DL	75X100X10 L	75X100X10 DL	75X100X10 L	16.3-18.0-20.1-22.2-24.9	
	3	70X90X10 DL	70X90X10 L	70X90X10 DL	70X90X10 L	25.1-27.7-32.9-36.4-41.1-45.5-50.7-56.2	
		60X90X8 DL	60X90X10 L	60X90X8 DL	60X90X10 L	65.1-72.0-81.3-90.0-100.3-111.0-124.7	
	4	50X72X8 DL	50X72X8 L	50X72X8 DL	50X72X8 L	141.6-160.0-177.0-197.3-225.0-250.8-277.5	
		35X72X10 L	35X72X10 L	35X72X10 DL	35X72X10 L	315.9-349.6-401.6-444.4-495.3	
	40X72X7 DL	40X72X10 L	40X72X7 DL	40X72X7 L			

HDP 100 ... 140

HDP 100 ... HDP 140

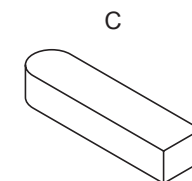
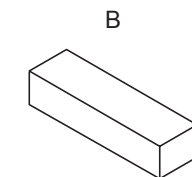
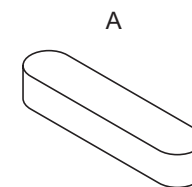
V010*	KEY - V010*		
	NG SIZE / TAGLIA NG / TAMAÑO NG TAILLE NG / NG-BAUGRÖSSE	Size / Taglia / Tamaño Taille / Größe	RATIO
HDP 100	180	10X8X70 A	ALL
	210	10X8X70 A	110.6-507.9
	250	14X9X91 C	55.5-107.6
		10X8X70 A	110.6-507.9
	280	14X9X100 A	55.5-107.6
		10X8X70 A	110.6-507.9
	320	14X9X85 C	22.8-50
		14X9X91 C	55.5-107.6
		10X8X70 A	110.6-507.9
	360	18X11X107 B	7.4-21.8
		14X9X100 A	22.8-50
		14X9X91 C	55.5-107.6
	400	18X11X125 A	7.4-21.8
		14X9X100 A	22.8-50
HDP 110	180	10X8X70 A	ALL
	210	10X8X70 A	120.9-499.4
	250	14X9X91 C	60.7-123.4
		10X8X70 A	120.9-499.4
	280	14X9X100 A	60.7-123.4
		10X8X70 A	120.9-499.4
	320	14X9X85 C	24.9-54.5
		14X9X91 C	60.7-123.4
		10X8X70 A	120.9-499.4
	360	18X11X107 B	8.1-25.0
		14X9X100 A	24.9-54.5
		14X9X91 C	60.7-123.4
	400	18X11X125 A	8.1-25.0
		14X9X100 A	24.9-54.5



HDP 100 ... 140

HDP 100 ... HDP 140

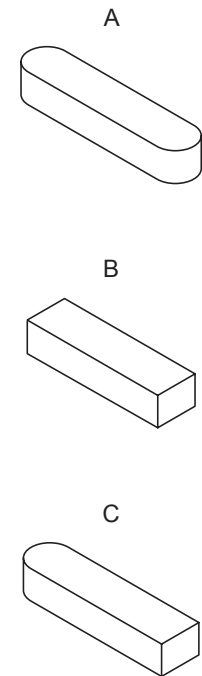
V010*	KEY - V010*		
	NG SIZE / TAGLIA NG / TAMAÑO NG TAILLE NG / NG-BAUGRÖSSE	Size / Taglia / Tamaño Taille / Größe	RATIO
HDP 120	210	10X8X70 A	128-523.7
	250	10X8X70 A	128-523.7
	280	14X9X100 A	64.3-125.2
		10X8X70 A	128-523.7
	320	14X9X85 C	25.8-56.1
		14X9X91 C	64.3-125.2
		10X8X70 A	128-523.7
	360	14X9X100 A	25.8-56.1
		14X9X91 C	64.3-125.2
		10X8X70 A	128-523.7
	400	20X12X85 B	7.9-25.4
		20X12X85 B	25.8-56.1
	440	20X12X125 A	7.9-25.4
		14X9X100 A	25.8-56.1
HDP 125	210	10X8X70 A	144.4-506.5
	250	10X8X70 A	144.4-506.5
	280	14X9X100 A	72.5-123.6
		10X8X70 A	144.4-506.5
	320	14X9X85 C	29.1-62.6
		14X9X91 C	72.5-123.6
		10X8X70 A	144.4-506.5
	360	14X9X100 A	29.1-62.6
		14X9X91 C	72.5-123.6
		10X8X70 A	144.4-506.5
	400	20X12X85 B	8.9-25.0
		20X12X85 B	29.1-62.6
	440	20X12X125 A	8.9-25.0
		14X9X100 A	29.1-62.6



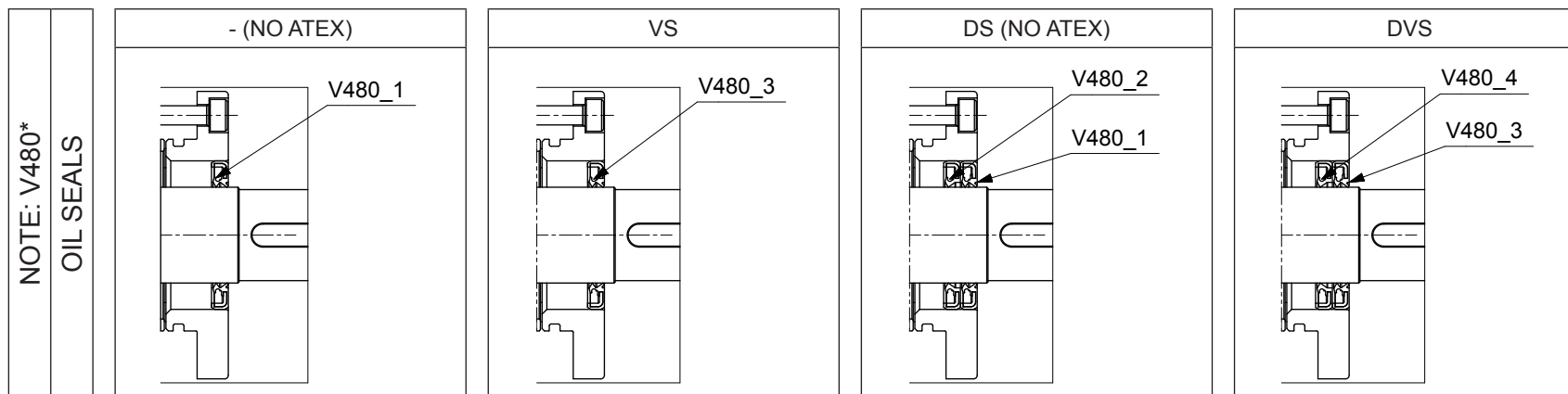
HDP 100 ... 140

HDP 100 ... HDP 140

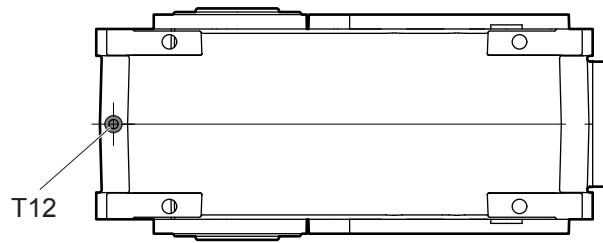
V010*	KEY - V010*		
	NG SIZE / TAGLIA NG / TAMAÑO NG TAILLE NG / NG-BAUGRÖSSE	Size / Taglia / Tamaño Taille / Größe	RATIO
HDP 130	250	12X8X100 A	111.2-237.9
		10X8X70 A	274.5-534.5
	280	12X8X100 A	111.2-237.9
		10X8X70 A	274.5-534.5
	320	14X9X100 A	56.5-108.3
		12X8X100 A	111.2-237.9
		10X8X70 A	274.5-534.5
	360	14X9X100 A	56.5-108.3
		12X8X77 C	111.2-237.9
	400	18X11X125 A	21.8-48.1
		14X9X100 A	56.5-108.3
	440	25X14X100 B	7.3-12.3
		20X12X125 A	14.1-21.7
		18X11X125 A	21.8-48.1
		14X9X100 A	56.5-108.3
	HDP 140	250	12X8X100 A
10X8X70 A			315.9-495.3
280		12X8X100 A	141.6-277.5
		10X8X70 A	315.9-495.3
320		14X9X100 A	65.1-124.7
		12X8X100 A	141.6-277.5
		10X8X70 A	315.9-495.3
360		14X9X100 A	65.1-124.7
		12X8X77 C	141.6-277.5
400		18X11X125 A	25.1-56.2
		14X9X100 A	65.1-124.7
440		25X14X100 B	8.4-14.4
		20X12X125 A	16.3-24.9
		18X11X125 A	25.1-56.2
		14X9X100 A	65.1-124.7



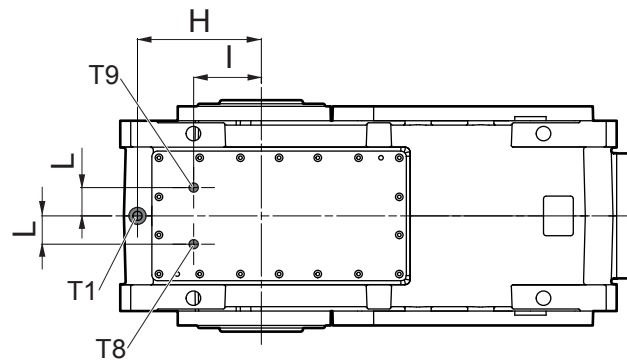
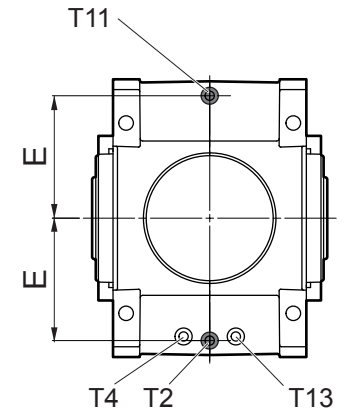
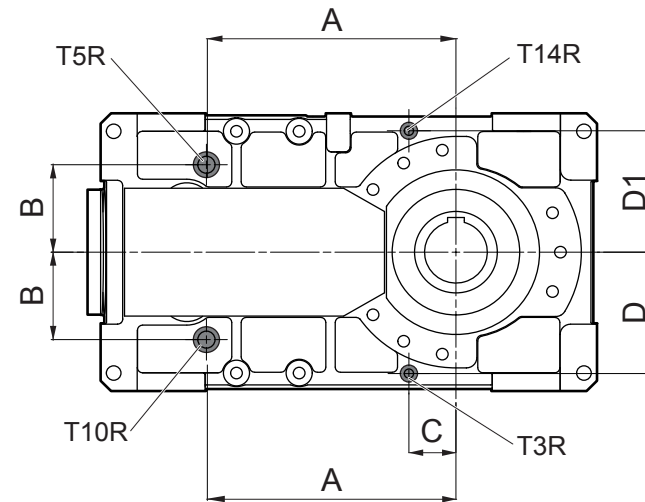
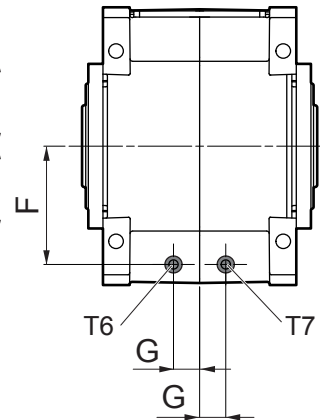
HDP 100 ... HDP 140



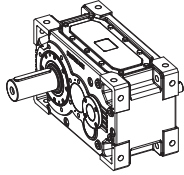


V480*	Stages / Stadi / Etapas Étages / Stufen	OILSEAL FAN - V480*			
		V480_1	V480_2	V480_3	V480_3
HDO 100	2	65X90X10 DL	65X90X10 L	65X90X10 DL	65X90X10 L
	3	60X80X10 DL	60X80X10 L	50X80X8 DL	50X80X8 L
	4	35X52X7 DL	35X52X7 L	35X52X7 DL	35X52X7 DL
HDO 110	2	65X90X10 DL	65X90X10 L	65X90X10 DL	65X90X10 L
	3	60X80X10 DL	60X80X10 DL	50X80X8 DL	50X80X8 L
	4	35X52X7 DL	35X52X7 DL	35X52X7 DL	35X52X7 DL
HDO 120	2	90X110X12 DL	90X110X12 L	90X110X12 DL	90X110X12 L
	3	50X80X8 DL	50X80X8 L	50X80X8 DL	50X80X8 L
	4	35X52X7 DL	35X52X7 DL	35X52X7 DL	35X52X7 L
HDO 125	2	90X110X12 DL	90X110X12 L	90X110X12 DL	90X110X12 L
	3	50X80X8 DL	50X80X8 L	50X80X8 DL	50X80X8 L
	4	35X52X7 DL	35X52X7 DL	35X52X7 DL	35X52X7 L
HDO 130	2	100X130X12 DL	100X130X12 L	100X130X12 DL	100X130X12 L
	3	70X90X10 DL	70X90X10 L	70X90X10 DL	70X90X10 L
	4	50X72X8 DL	50X72X8 L	50X72X8 DL	50X72X8 L
HDO 140	2	100X130X12 DL	100X130X12 L	100X130X12 DL	100X130X12 L
	3	70X90X10 DL	70X90X10 L	70X90X10 DL	70X90X10 L
	4	50X72X8 DL	50X72X8 L	50X72X8 DL	50X72X8 L

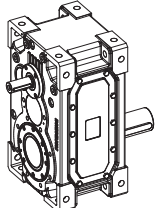


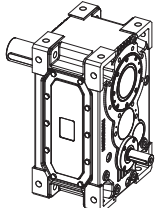
	A	B	C	D	D1	E	F	G	H	I	L
HDP 100 2	385	170	90	236	236	238	230	50	237	129.5	55
HDP 110 2	400	170	105	236	236	238	230	50	222	114.5	55
HDP 120 2	410	185	115	261	255	261	258	50	261	127.5	66
HDP 125 2	460	185	125	282	282	300	288	50	300	161	66

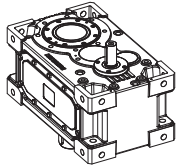


	A	B	C	D	D1	E	F	G	H	I	L
HDP 100 3 HDP 100 4	477.5	170	90	236	236	238	230	50	237	129.5	55
HDP 110 3 HDP 110 4	492.5	170	105	236	236	238	230	50	222	114.5	55
HDP 120 3 HDP 120 4	580	185	115	261	255	261	258	50	261	127.5	66
HDP 125 3 HDP 125 4	610	185	125	282	282	300	268	50	300	161	66

	B3											
	T1	T2	T3L	T3R	T5R - T5L T7 - T10 - T10L T11 - T12	T6	T8		T9		T14L	T14R
	Shaft configuration / Configurazione albero Configuración del eje / Configuration arbre / Wellenkonfiguration											
	L	S	T	T	T	T	2/3x 	LR, RR, LD, DR, DD	RL, LL, RD, DL	LR, RR, LD, DR, DD	RL, LL, RD, DL	T
						4x 	LD, RL, LL, DL	LR, RR, DR, DD, RD	LD, RL, LL, DL	LR, RR, DR, DD, RD		
							C	T	T	C		

	B6											
	T1	T2	T3L	T3R	T5R - T5L T7 - T10 - T10L T11 - T12	T6	T8		T9		T14L	T14R
S	L/C	T	T	T	T	T	T		T		T	T

	B7										
	T1	T2	T3L	T3R	T5R - T5L T7 - T10 - T10L T11 - T12	T6	T8		T9		T14L
T	S	L	L	T	C	T		T		T	T


	V5 (*)										
	T1	T2	T3L	T3R	T5R - T5L T7 - T10 - T10L T11 - T12	T6	T8		T9		T14L
T	T	S	C	T	T	T		T		T	T

C = Filler plug with air vent / *Tappo riempimento con sfiato* / Tapón de llenado con ventilación / *Bouchon de remplissage avec purge d'air* / Einfüllschraube mit Entlüftungsöffnung

L = Level plug / *Tappo di livello* / Tapón de nivel / Bouchon de niveau / Ölstandsschraube

S = Drain plug / *Tappo di scarico* / Tapón de drenaje / Bouchon de vidange / Ablassschraube

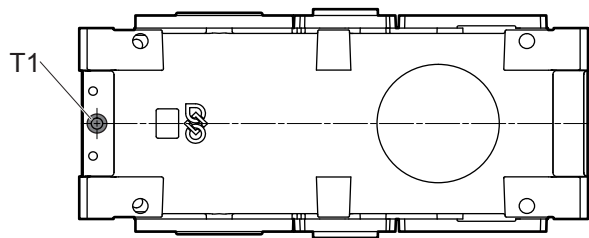
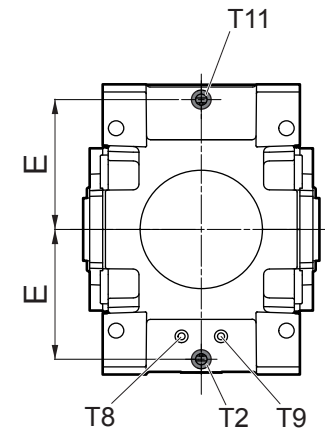
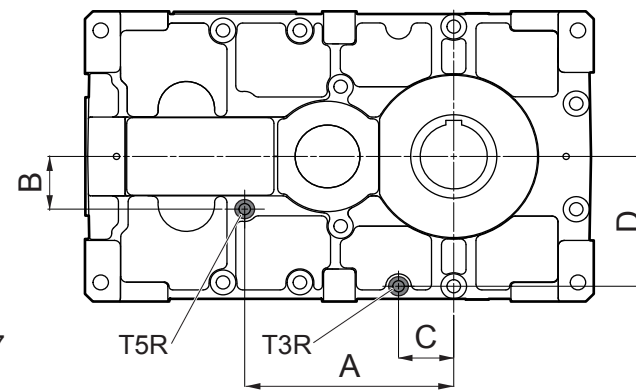
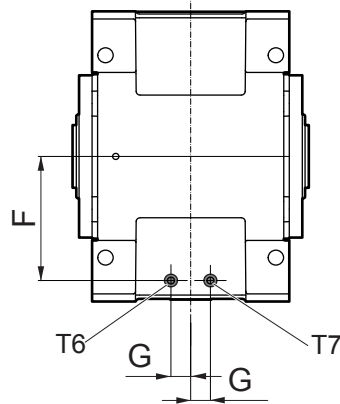
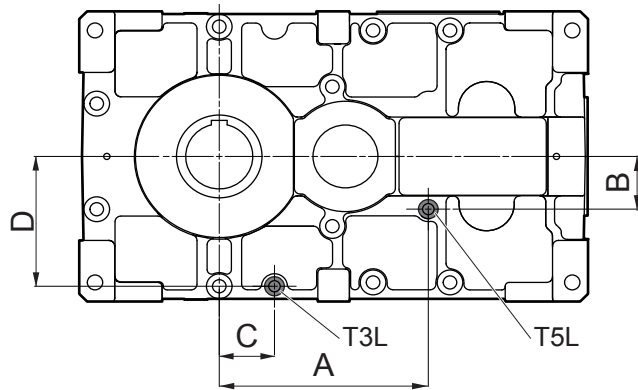
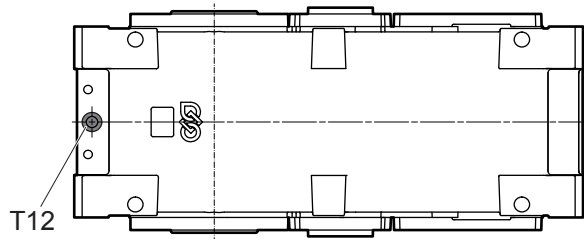
T = Blank plug / *Tappo cieco* / Tapón ciego / Bouchon aveugle / Blindstopfen

 = No plug present / *Nessun tappo presente* / No dispone de *tapón* / *Aucun bouchon présent* / Kein Verschluss vorhanden

L = Overflow level plug / *Tappo controllo livello di troppo pieno* / Tapón de rebose / Bouchon contrôle niveau de trop-plein / Überlaufpegelschraube

(*) = Excluding DW / *DW escluso* / Excepto DW / À l'exclusion de DW / Unter Ausschluss von DW

	A	B	C	D	E	F	G	H
HDP 130 2	555	180	140	340	340	325	50	310
HDP 140 2	595	180	150	340	340	325	50	335



	A	B	C	D	E	F	G	H
HDP 130 3 HDP 130 4	530	138	140	340	340	325	50	310
HDP 140 3 HDP 140 4	560	195	150	340	340	325	50	335

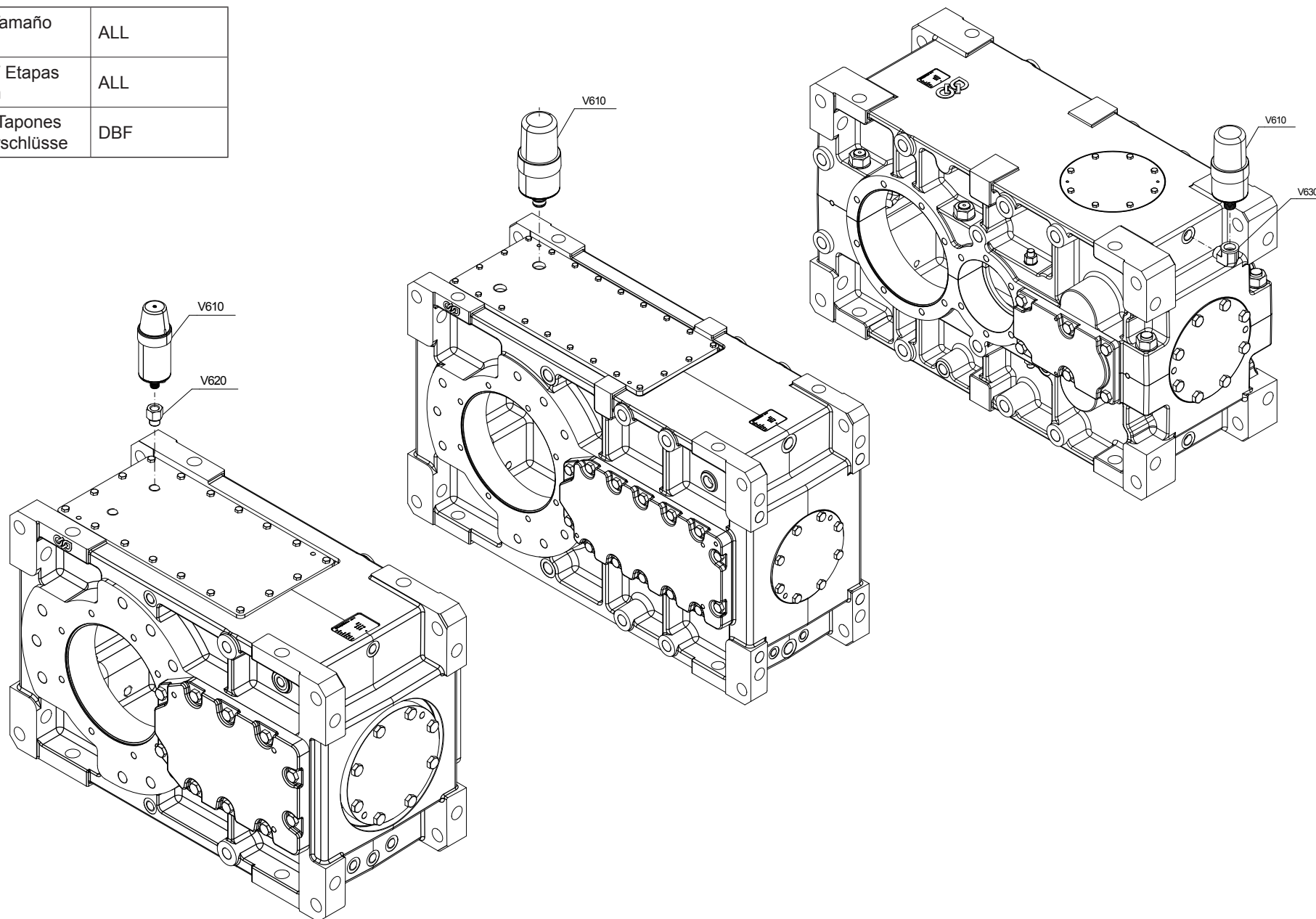
	B3					
	T1	T2	T3L	T3R	T5R - T5L - T7 T12 - T13	T6
	L/C	S	T	T	T	T
	B6					
	T1	T2	T3L	T3R	T5R - T5L - T7 T12 - T13	T6
	S	L/C	T	T	T	T
	B7					
	T1	T2	T3L	T3R	T5R - T5L - T7 T12 - T13	T6
	T	S	L	L	T	C
	V5(*)					
	T1	T2	T3L	T3R	T5R - T5L - T7 T12 - T13	T6
	T	T	S	L	T	T

C = Filler plug with air vent / *Tappo riempimento con sfiato* / Tapón de llenado con ventilación / *Bouchon de remplissage avec purge d'air* / Einfüllschraube mit Entlüftungsöffnung
L = Level plug / *Tappo di livello* / Tapón de nivel / Bouchon de niveau / Ölstandsschraube
S = Drain plug / *Tappo di scarico* / Tapón de drenaje / Bouchon de vidange / Ablassschraube
T = Blank plug / *Tappo cieco* / Tapón ciego / *Bouchon aveugle* / Blindstopfen

⊖ = No plug present / *Nessun tappo presente* / No dispone de *tapón* / *Aucun bouchon présent* / Kein Verschluss vorhanden
L = Overflow level plug / *Tappo controllo livello di troppo pieno* / *Tapón de rebose* / *Bouchon contrôle niveau de trop-plein* / Überlaufpegelschraube
 (*) = Excluding DW / *DW escluso* / Excepto DW / *À l'exclusion de DW* / Unter Ausschluss von DW

HDP 100 ... HDP 140

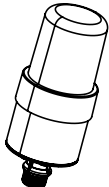

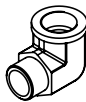
Size / Taglia / Tamaño Taille / Größe	ALL
Stages / Stadi / Etapas Étages / Stufen	ALL
Plugs / Tappi / Tapones Bouchons / Verschlüsse	DBF



HDP 100 ... 140

HDP 100 ... HDP 140

Pos	Description	Descrizione	Descripción	Description	Beschreibung
V610	BREATHER PLUG	TAPPO SFIATO	TAPON RESPIR.	BOUCHON RENIFL	ENTLUEFTER
V620	REDUCTION FILL	RACCORDO RIDUZ	EMPALME REDUC	RACCORD REDUC	REDUZIERSTUECK
V630	ELBOW PIPE	RACCORDO	EMPALME	RACCORD	ANSCHLU

					
	V610		V620		V630
HDP 100-110	DC-HG-1 DES		M-F 1/2-3/8		-
HDP 120-125	DC-HG-8 DES		-		-
HDP 130-140	DC-HG-8 DES		-		M-F 1-1

HDP 100 ... HDP 140

Size / Taglia / Tamaño Taille / Größe	ALL
Stages / Stadi / Etapas Étages / Stufen	2
Bearing Position / Posizione del cuscinetto Posición de rodamiento / Position roulement Lagerposition	

4 L

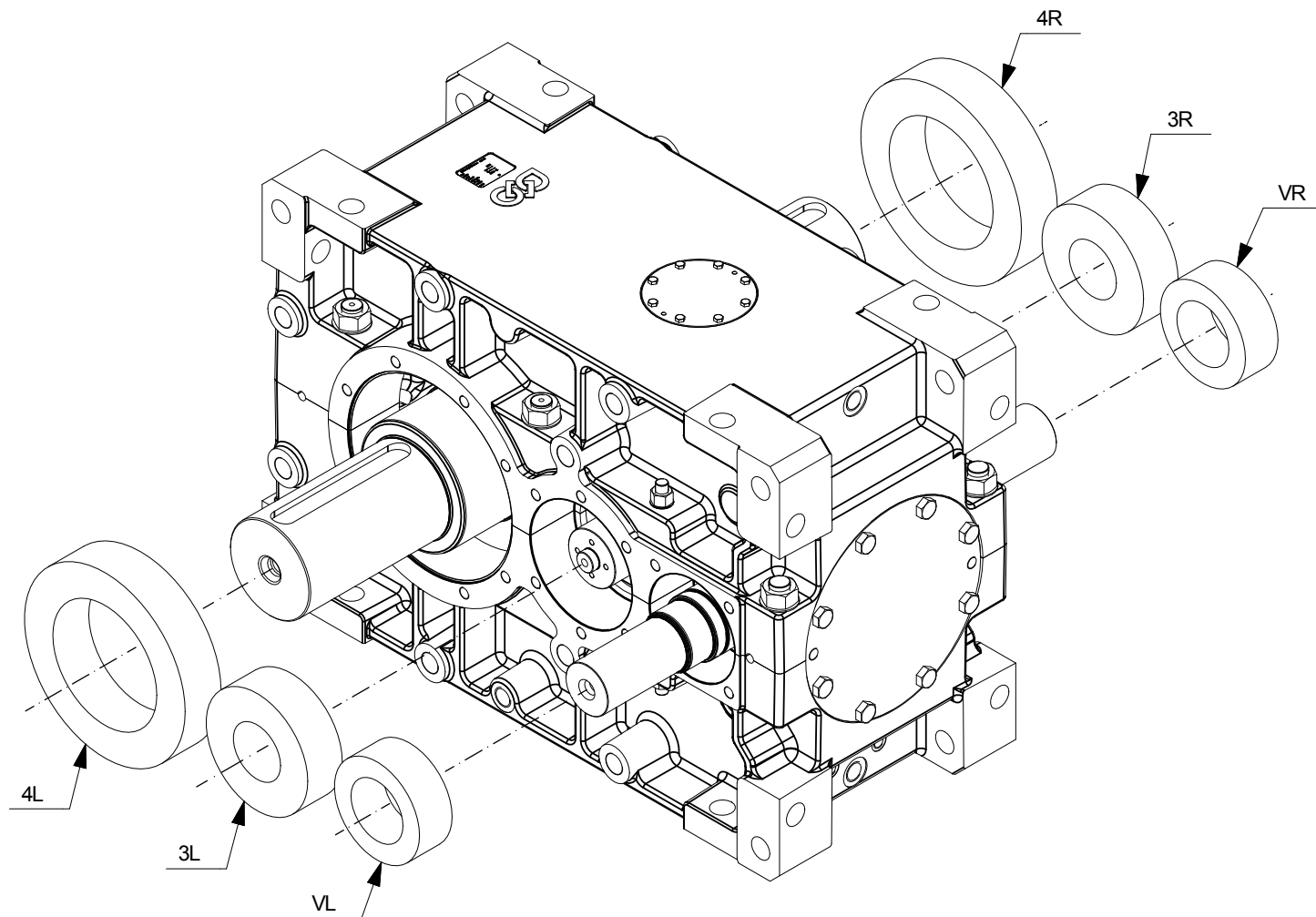
Side / Lato / Lado / Côté / Seite

L Left / *Sinistra* / Izquierdo /
Gauche / Links

R Right / *Destra* / Derecho /
Droite / Rechts

AXIS / ASSE / EJE / AXE / ACHSE

4, 3, 2, 1, V



HDP 100 ... HDP 140

Size / Taglia / Tamaño Taille / Größe	ALL
Stages / Stadi / Etapas Étages / Stufen	3
Bearing Position / Posizione del cuscinetto Posición de rodamiento / Position roulement Lagerposition	

4 L

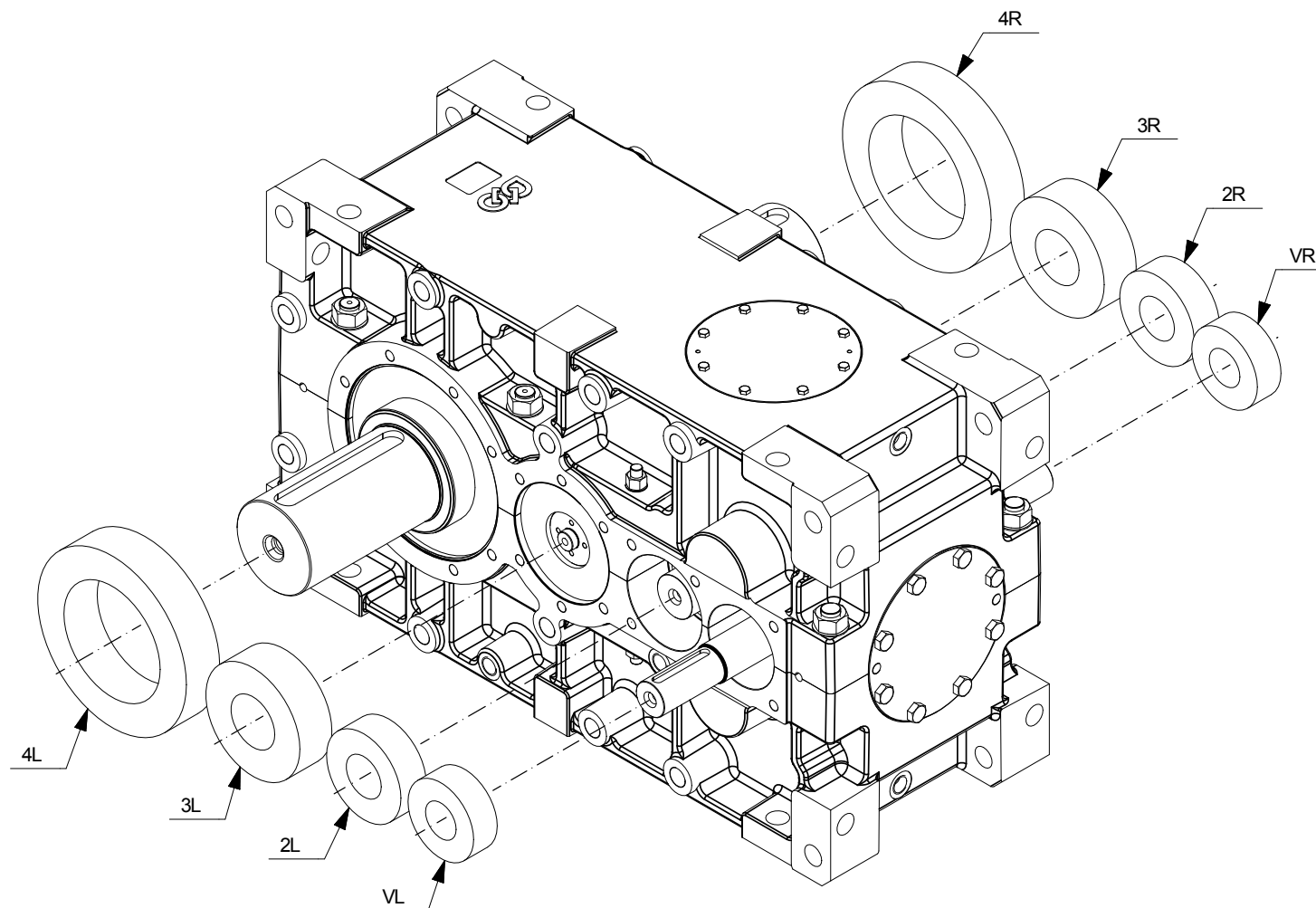
Side / Lato / Lado / Côté / Seite

L Left / *Sinistra* / Izquierdo /
Gauche / Links

R Right / *Destra* / Derecho /
Droite / Rechts

AXIS / ASSE / EJE / AXE / ACHSE

4, 3, 2, 1, V



HDP 100 ... 140

HDP 100 ... HDP 140

Size / Taglia / Tamaño Taille / Größe	ALL
Stages / Stadi / Etapas Étages / Stufen	4
Bearing Position / Posizione del cuscinetto Posición de rodamiento / Position roulement Lagerposition	

4 L

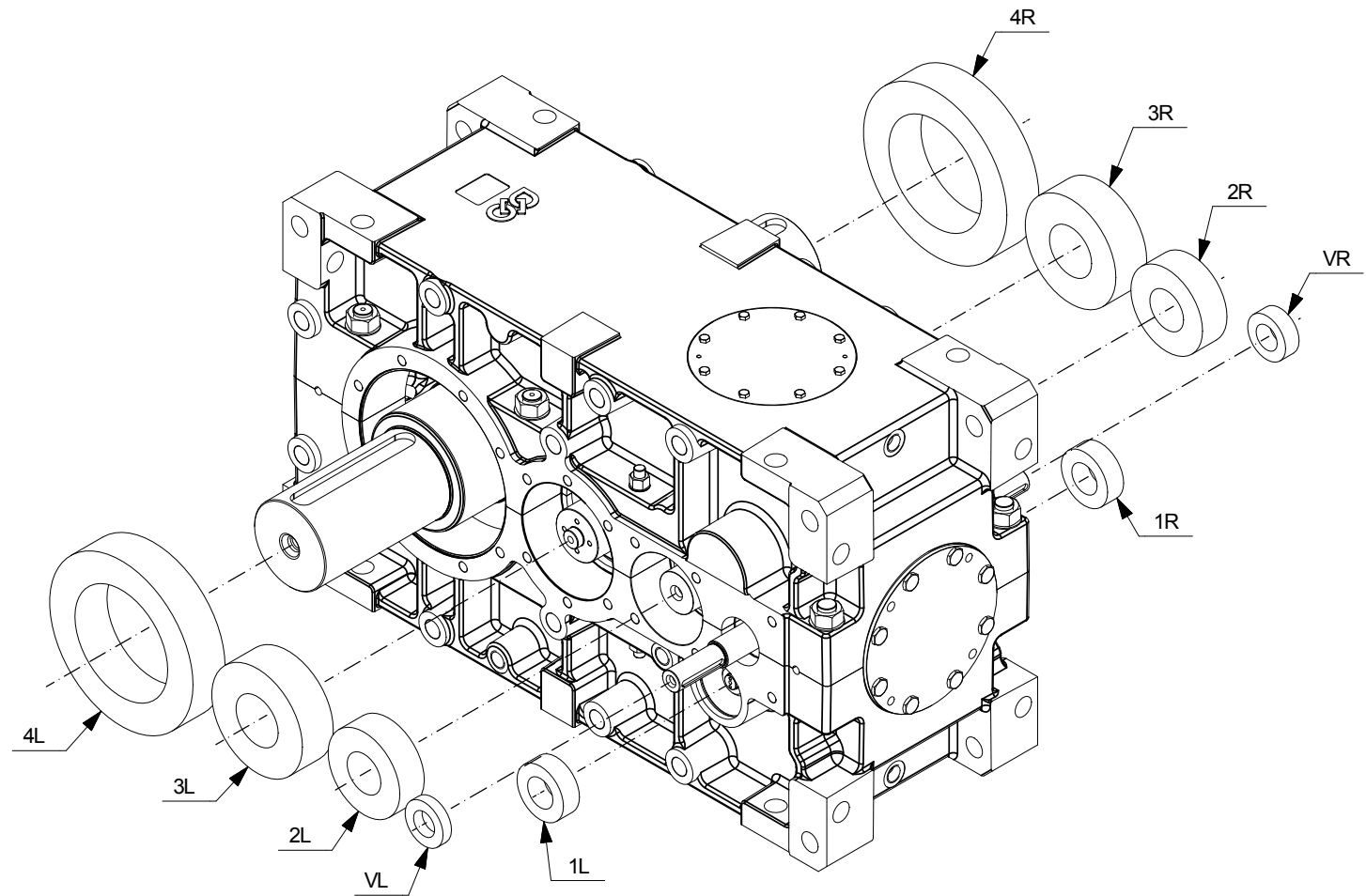
Side / Lato / Lado / Côté / Seite

L Left / *Sinistra* / Izquierdo /
Gauche / Links

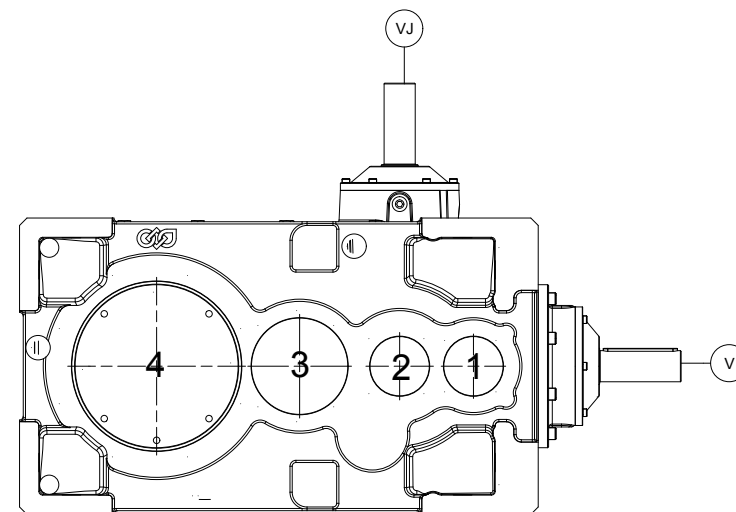
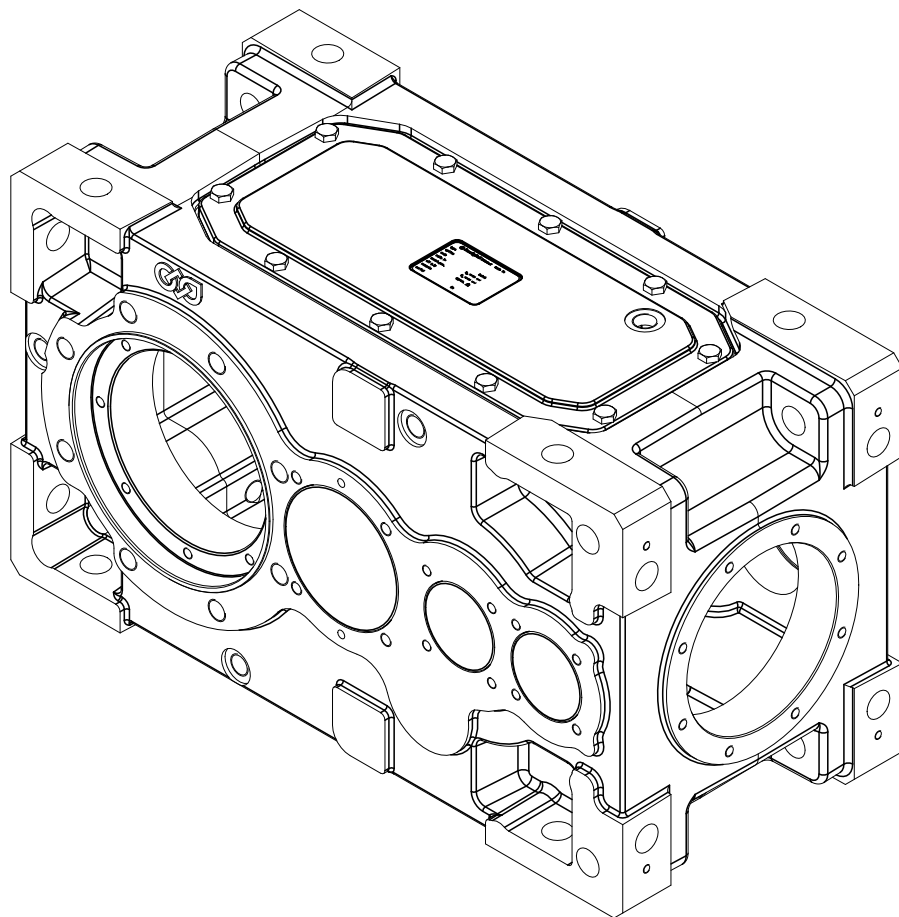
R Right / *Destra* / Derecho /
Droite / Rechts

AXIS / ASSE / EJE / AXE / ACHSE

4, 3, 2, 1, V



HDO 71 ... HDO 95

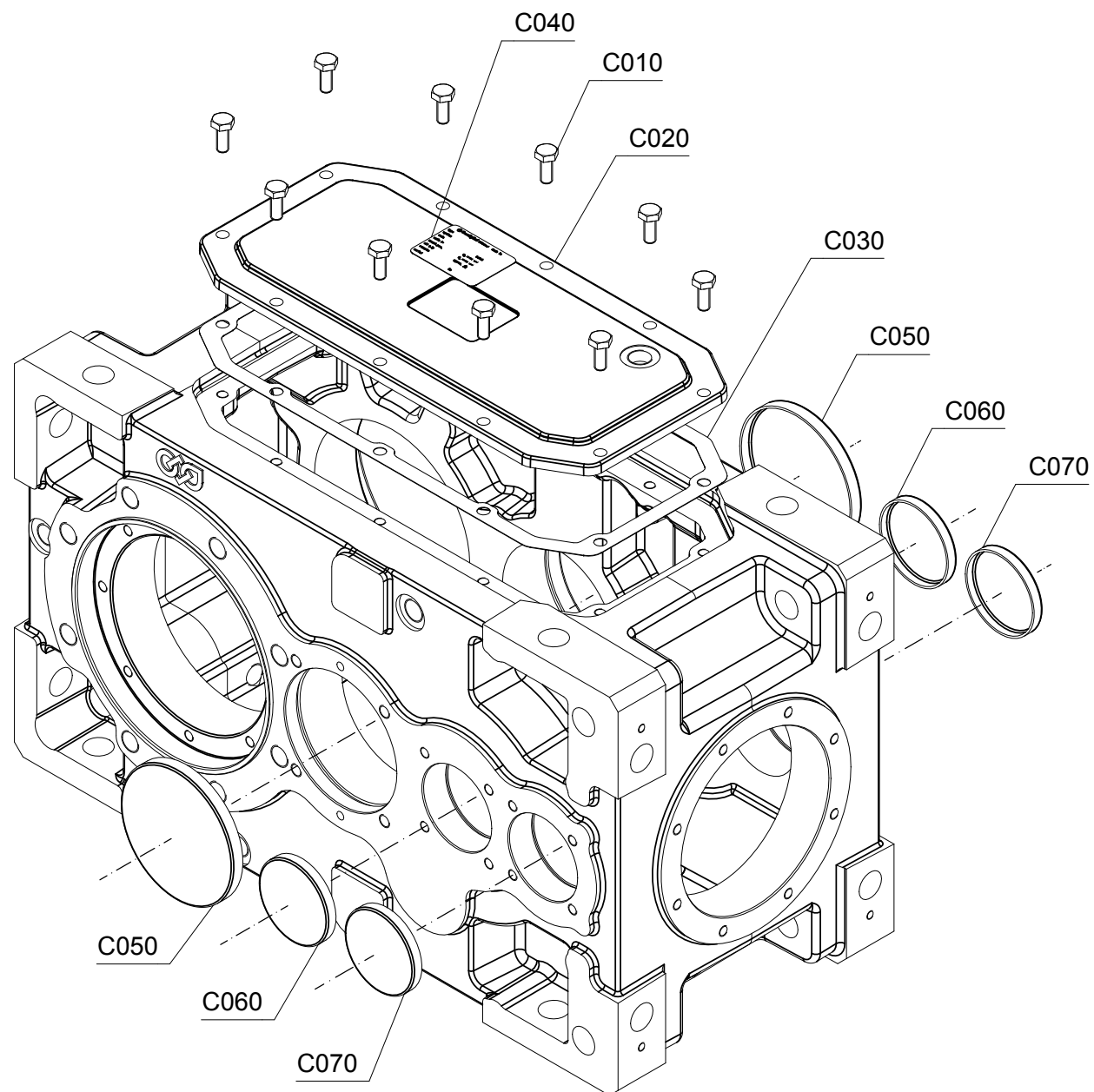


HDO 71 ... 95

Stages / Stadi Etapas / Étages / Stufen	AXIS / ASSE / EJE / AXE / ACHSE				
	Input / Ingresso / Entrada / Entrée / Eingang	-	-	-	Output / Uscita / Salida / Sortie / Ausgang
4	V	1	2	3	4
3	V	-	2	3	4
2	V	-	-	3	4

HDO 71 ... HDO 95

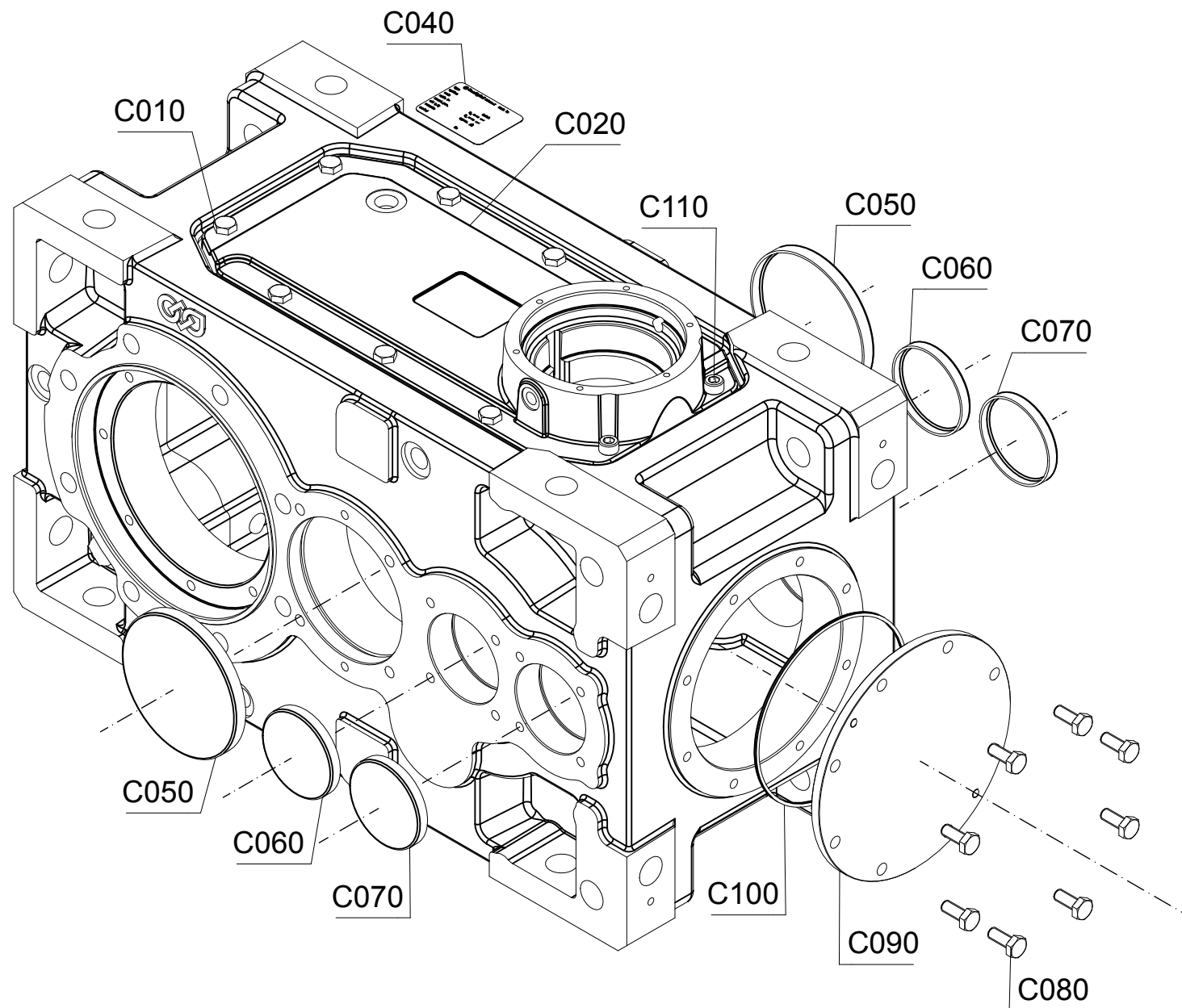
Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	COMMON



HDO 71 ... 95




HDO 71 ... HDO 95

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	VJ
Stages / Stadi / Etapas Étages / Stufen	3
Type / Tipo / Tipo Type / Typ	COMMON



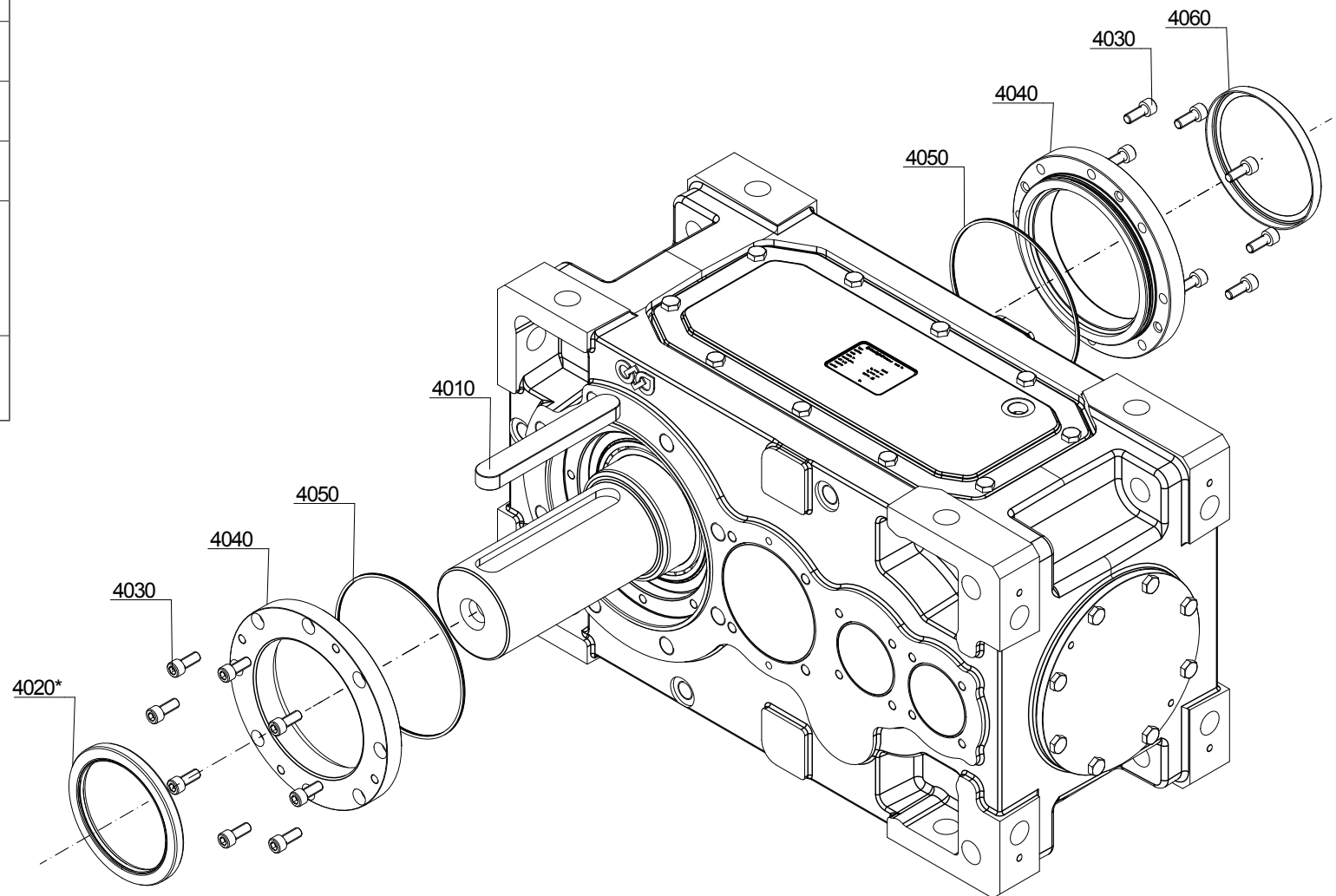
HDO 71 ... HDO 95

Pos	Description	Descrizione	Descripción	Description	Beschreibung
C010	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
C020	PLAIN COVER	COPERCHIO CHIU	TAPA DE CIERRE	COUV.FERMETURE	SCHLUßDECKEL
C030	COVER GASKET	GUARN COPER	JUNTA TAPA	JOINT D'ET. COUVERCLE	DECKELDICHTUNG
C040	NAME PLATE	TARG VUOTA	TARJETA VIRGEN	PLAQUE VIDE	TYPENSCHILD
C050	RUBBER CAP	CAPPEL GOMMA	SOMBRE. /GOMA	CAP.CAOUTCHOUC	GUMMIDECKEL
C060	RUBBER CAP	CAPPEL GOMMA	SOMBRE. /GOMA	CAP.CAOUTCHOUC	GUMMIDECKEL
C070	RUBBER CAP	CAPPEL GOMMA	SOMBRE. /GOMA	CAP.CAOUTCHOUC	GUMMIDECKEL
C080	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
C090	PLAIN COVER	COPERCHIO CHIU	TAPA DE CIERRE	COUV.FERMETURE	SCHLUßDECKEL
C100	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
C110	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE

				
	C010	C080	OR C100	C110
HDO 71	M10X25	M10X25	132.90x3.53	-
HDO 81	M10X25	M10X25	164.69x3.53	M10X25
HDO 91	M10X25	M12X30	158.3x3.53	-
HDO 95	M10X25	M12X30	158.3x3.53	-

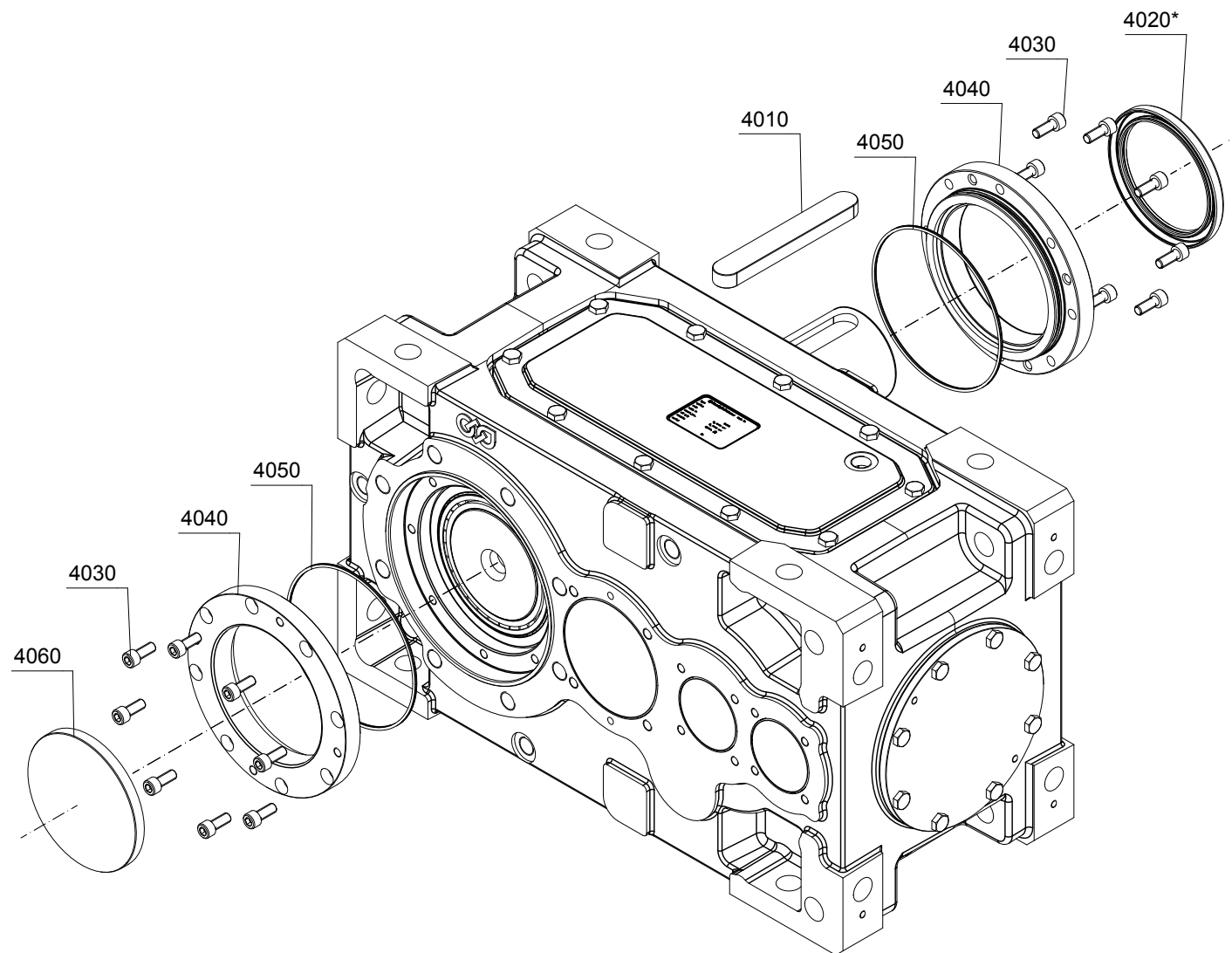
HDO 71 ... HDO 95

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	4
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	LP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-LJ-LD
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2



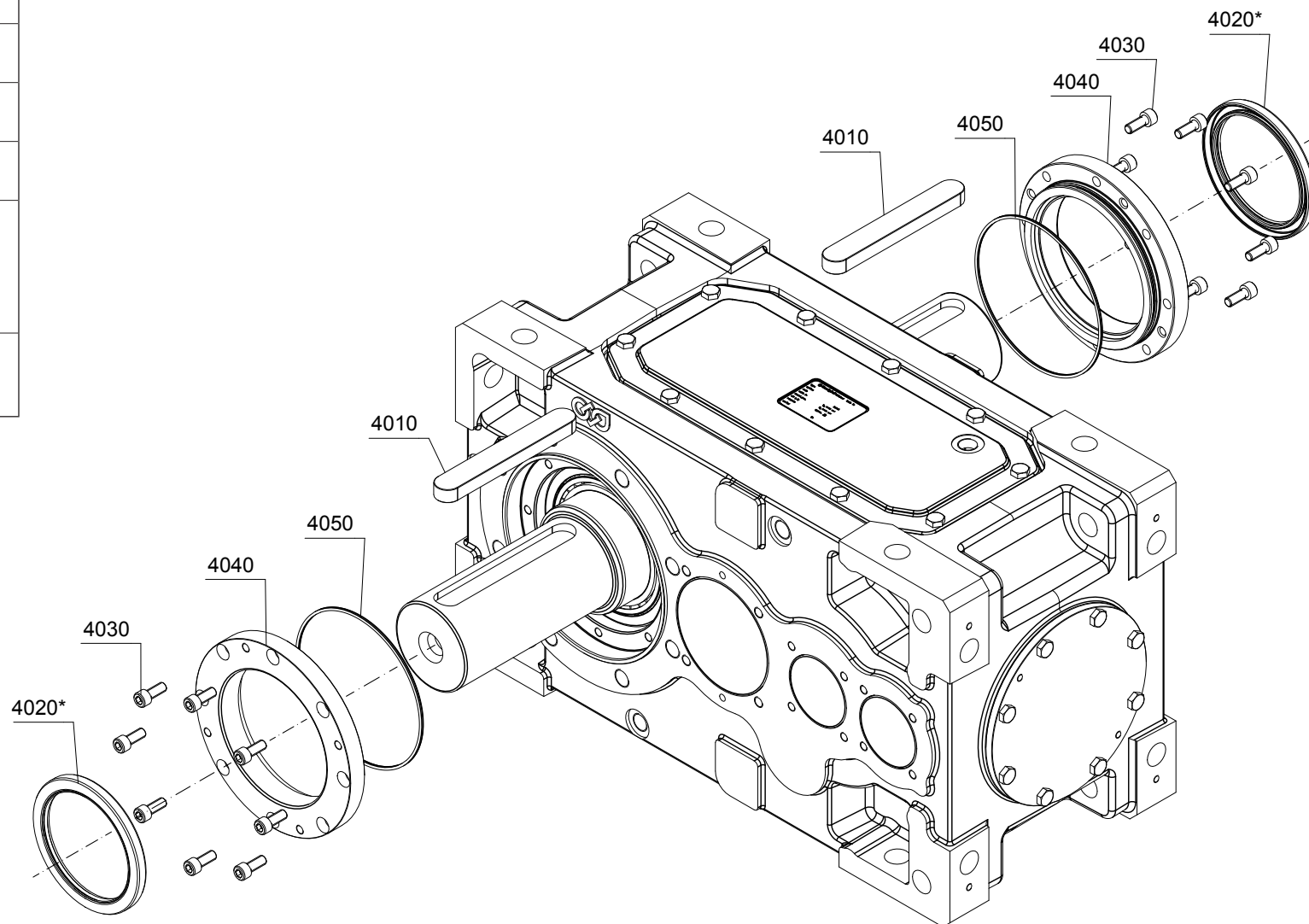
HDO 71 ... HDO 95

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	4
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	LP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	R-RJ-RD
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2






HDO 71 ... HDO 95

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	4
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	LP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	D-DJ-DD
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2



HDO 71 ... HDO 95

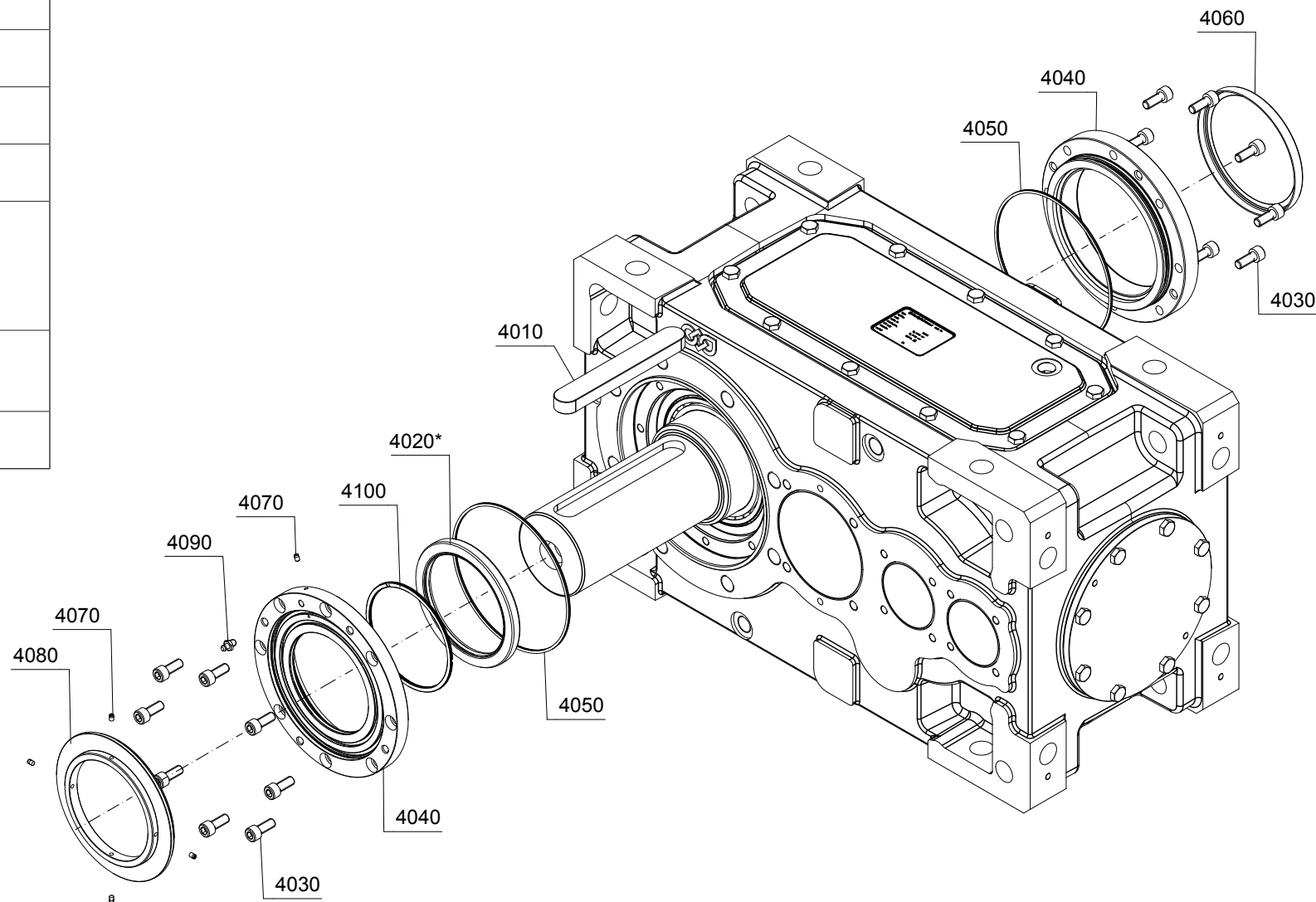
Pos	Description	Descrizione	Descripción	Description	Beschreibung
4010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
4020*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
4030	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
4040	OPEN CAP	CAPPEL APERTO	SOMBRETE ABIERTO	CAPUCHON OUVERT	OFFENE DECKEL
4050	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
4060	RUBBER CAP	CAPPEL GOMMA	SOMBRETE./GOMA	CAP.CAOUTCHOUC	GUMMIDECKEL

			
	4010	4030	4050
HDO 71	22X14X150 A	M8X22	151.99X3.53
HDO 81	28X16X190 A	M10X25	171.04X3.53
HDO 91	28X16X190 A	M12X30	202.79X3.53
HDO 95	32X18X195 A	M14X35	228.2X3.53

NOTE: 4020* Refer page no: 282 / NOTA: 4020* Vedere pagina n°: 282 / NOTAS: 4020* Consultar página n.º: 282 / NOTE : 4020* Se référer à la page n° : 282 / HINWEIS: 4020* Siehe Seite: 282

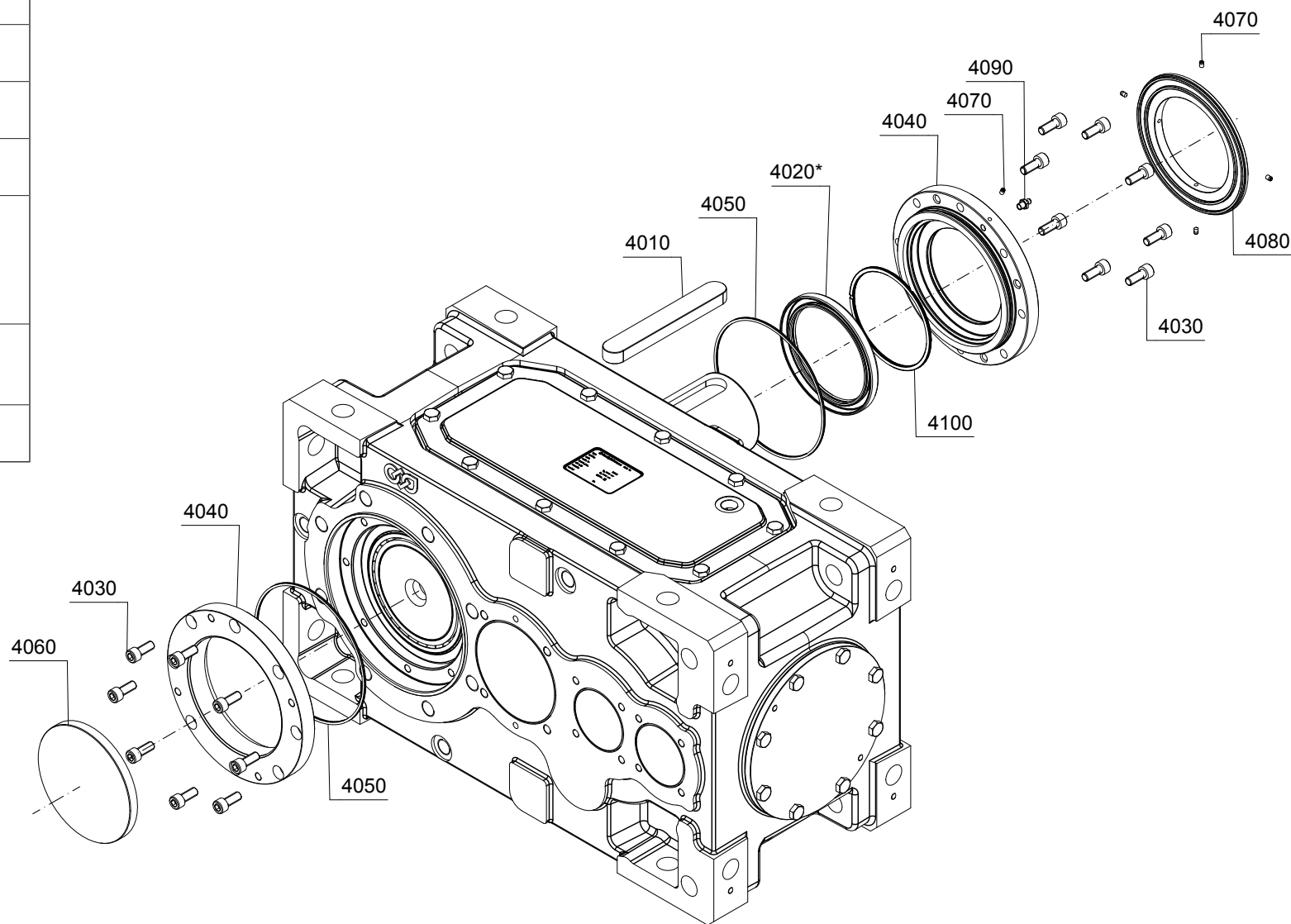
HDO 71 ... HDO 95

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	4
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	LP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-LJ-LD
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Option / Opzione / Opción Option / Option	TK



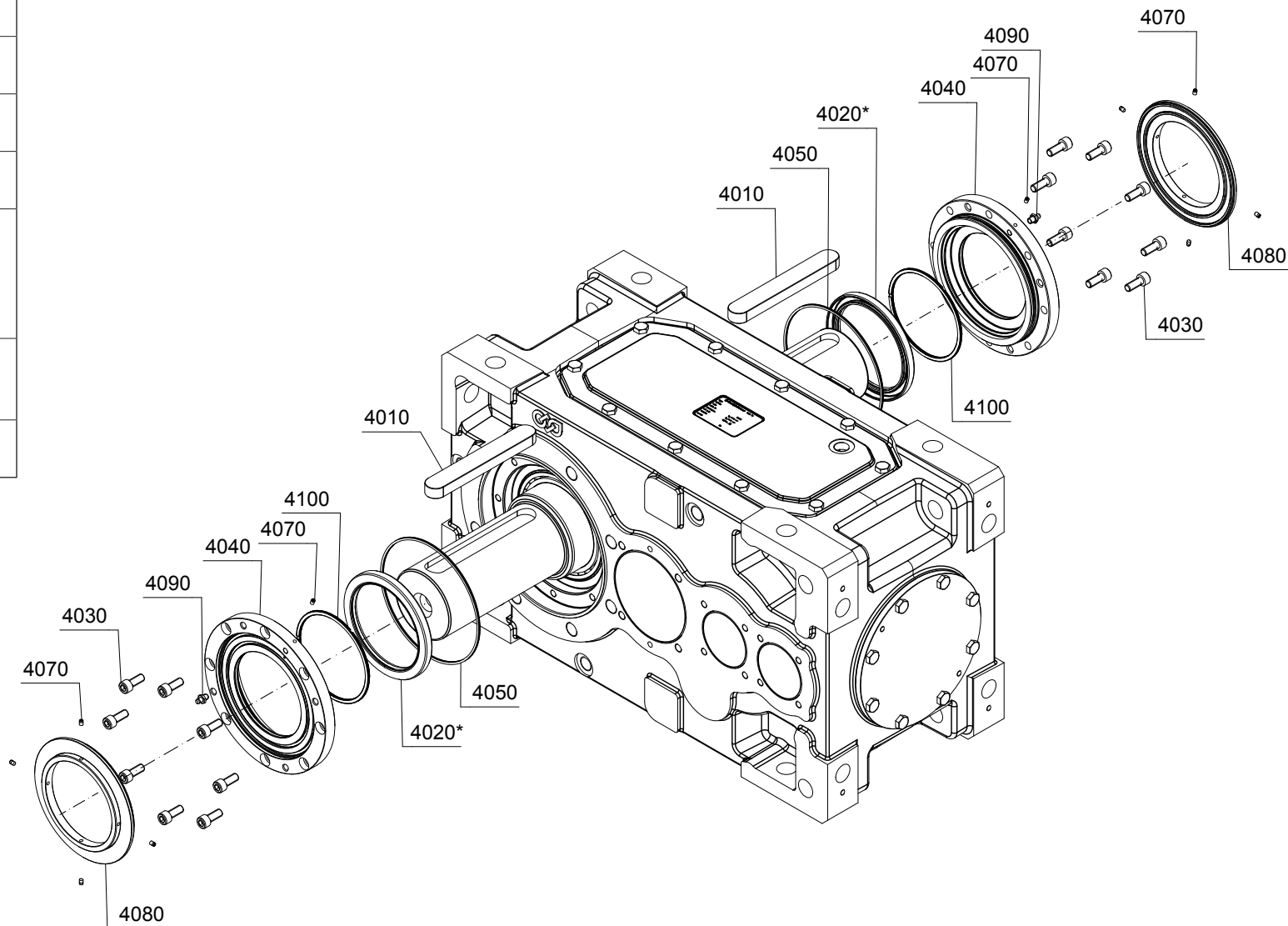
HDO 71 ... HDO 95

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	4
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	LP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	R-RJ-RD
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Option / Opzione / Opción Option / Option	TK









HDO 71 ... HDO 95

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	4
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	LP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	D-DJ-DD
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Option / Opzione / Opción Option / Option	TK



HDO 71 ... HDO 95

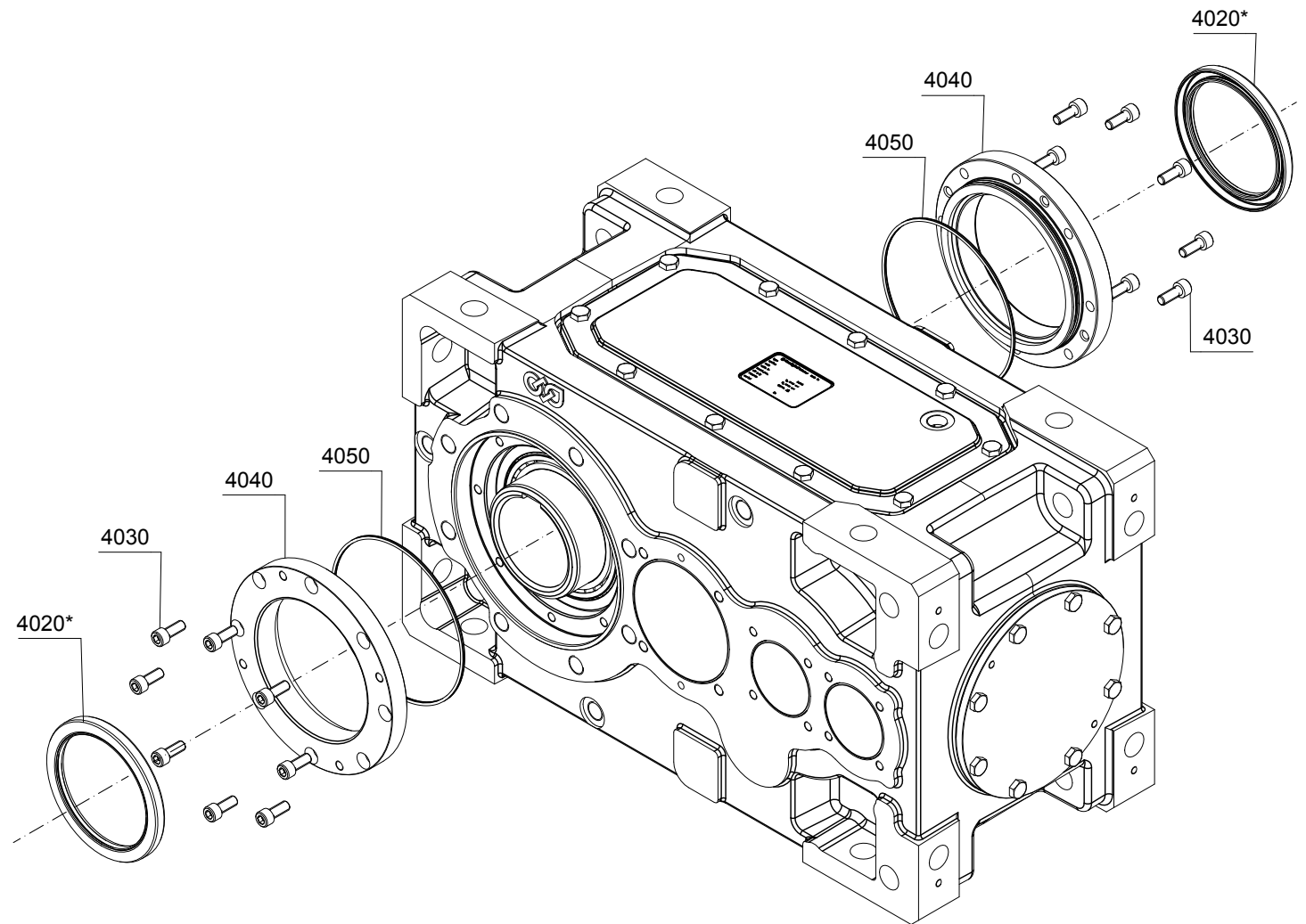
Pos	Description	Descrizione	Descripción	Description	Beschreibung
4010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
4020*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
4030	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
4040	OPEN CAP	CAPPEL APERTO	SOMBRETERE ABIERTO	CAPUCHON OUVERT	OFFENE DECKEL
4050	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
4060	RUBBER CAP	CAPPEL GOMMA	SOMBRETER./GOMA	CAP.CAOUTCHOUC	GUMMIDECKEL
4070	STEI.-CN SCREW	VITE S.T.E.I.-CN	TORNILLO STEI-CN	VIS S.T.H.C	STEI-CN-SCHRAUBE
4080	BUSHIN	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
4090	GREASE NIPPLE	INGRASSATORE DIRITTO	ENGRASADOR RECTO	GRAISSEUR DROIT	GERADE FETTBUSCHE
4100	LAMELLAR OILSEAL	ANELLO TENUTA LAM	RETEN LAMINAR	JOINT ET.LAMELL	LAM.DICHTRING

			 OR			
	4010	4030	4050	4070	4090	4100
HDO 71	22X14X150 A	M8X22	151.99X3.53	M4X8	M8X1	105X4.3X0.98
HDO 81	28X16X190 A	M10X25	171.04X3.53	M5X8	M8X1	120X5.0X0.98
HDO 91	28X16X190 A	M12X30	202.79X3.53	M5X8	M8X1	140X5.5X0.98
HDO 95	32X18X195 A	M14X35	228.2X3.53	M6X10	1/8 " GAS	150X6X1

NOTE: 4020* Refer page no: 282 / NOTA: 4020* Vedere pagina n°: 282 / NOTAS: 4020* Consultar página n.º: 282 / NOTE : 4020* Se référer à la page n° : 282 / HINWEIS: 4020* Siehe Seite: 282



HDO 71 ... HDO 95

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	4
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	H
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-LJ-LD
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2



HDO 71 ... HDO 95

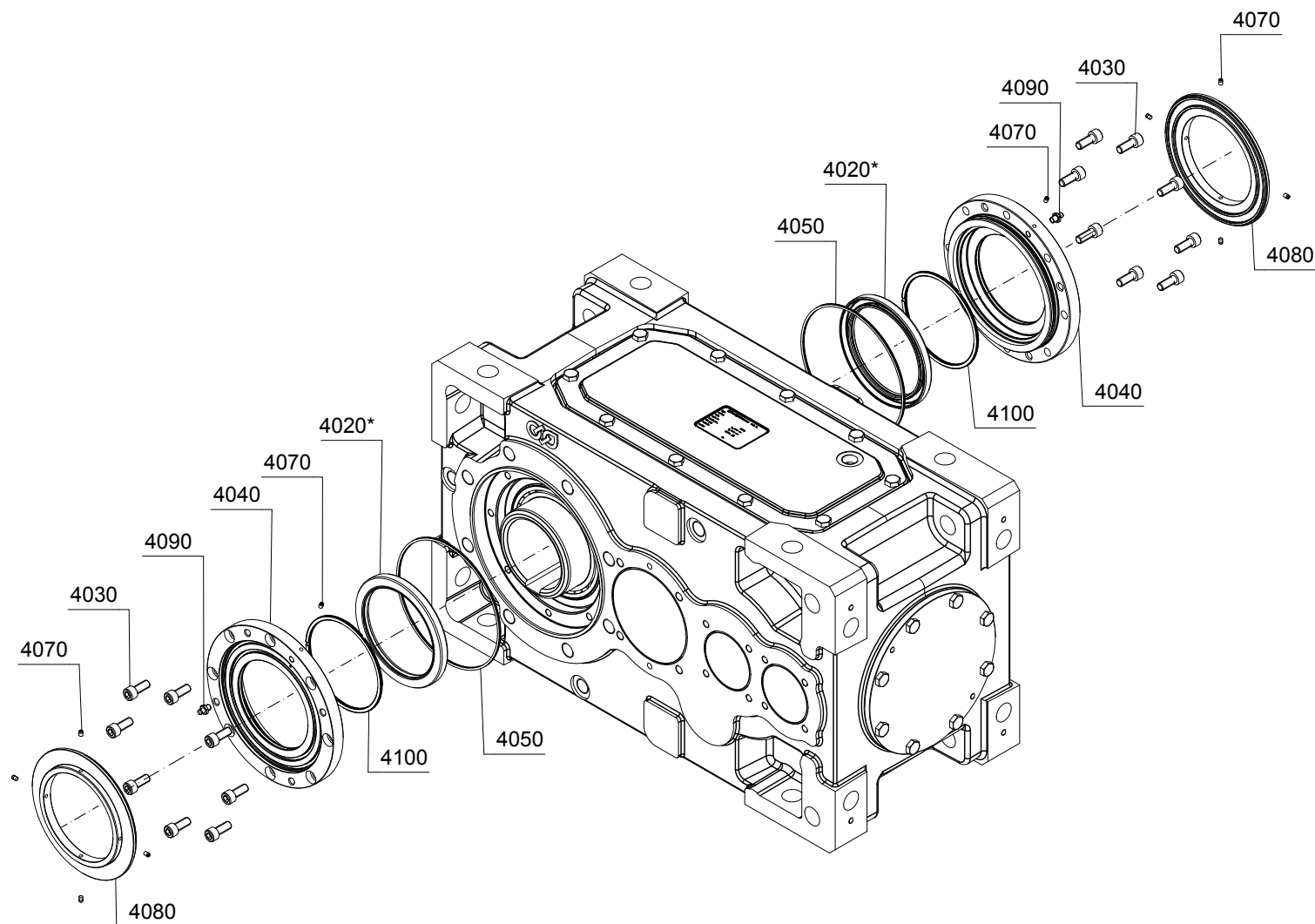
Pos	Description	Descrizione	Descripción	Description	Beschreibung
4020*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
4030	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
4040	OPEN CAP	CAPPEL APERTO	SOMBRETE ABIERTO	CAPUCHON OUVERT	OFFENE DECKEL
4050	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET

		
	4030	4050
HDO 71	M8X22	151.99X3.53
HDO 81	M10X25	171.04X3.53
HDO 91	M12X30	202.79X3.53
HDO 95	M14X35	228.2X3.53

NOTE: 4020* Refer page no: 282 / NOTA: 4020* Vedere pagina n°: 282 / NOTAS: 4020* Consultar página n.º: 282 / NOTE : 4020* Se référer à la page n° : 282 / HINWEIS: 4020* Siehe Seite: 282






HDO 71 ... HDO 95

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	4
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	H
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-LJ-LD
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Option / Opzione / Opción Option / Option	TK



HDO 71 ... HDO 95

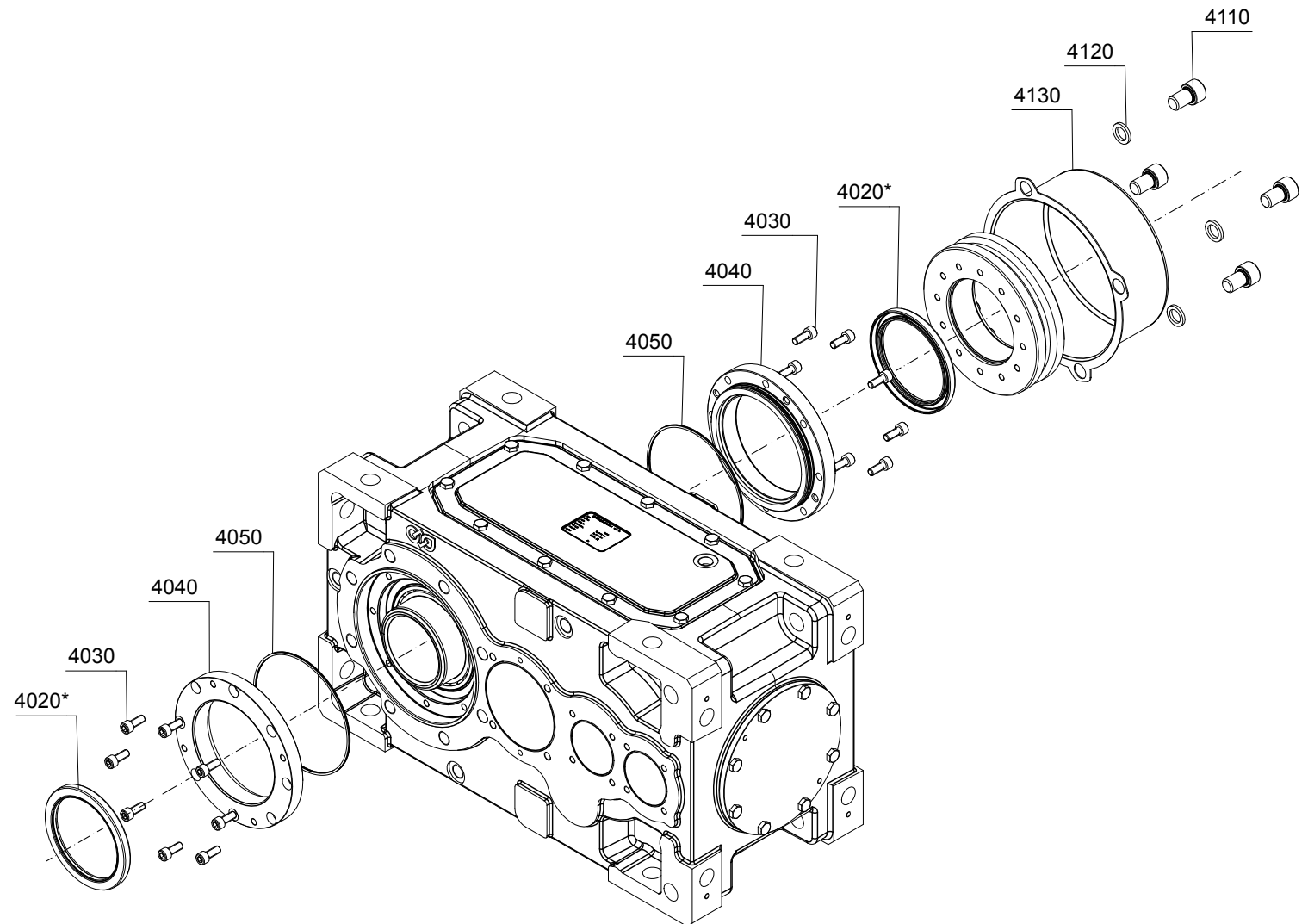
Pos	Description	Descrizione	Descripción	Description	Beschreibung
4020*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
4030	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
4040	OPEN CAP	CAPPEL APERTO	SOMBRETE ABIERTO	CAPUCHON OUVERT	OFFENE DECKEL
4050	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
4070	STEI.-CN SCREW	VITE S.T.E.I.-CN	TORNILLO STEI-CN	VIS S.T.H.C	STEI-CN-SCHRAUBE
4080	BUSHIN	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
4090	GREASE NIPPLE	INGRASSATORE DIRITTO	ENGRASADOR RECTO	GRAISSEUR DROIT	GERADE FETTBUSCHE
4100	LAMELLAR OILSEAL	ANELLO TENUTA LAM	RETEN LAMINAR	JOINT ET.LAMELL	LAM.DICHTRING

		 OR			
	4030	4050	4070	4090	4100
HDO 71	M8X22	151.99X3.53	M4X8	M8X1	105X4.3X0.98
HDO 81	M10X25	171.04X3.53	M5X8	M8X1	120X5.0X0.98
HDO 91	M12X30	202.79X3.53	M5X8	M8X1	140X5.5X0.98
HDO 95	M14X35	228.2X3.53	M6X10	1/8 " GAS	150X6X1

NOTE: 4020* Refer page no: 282 / NOTA: 4020* Vedere pagina n°: 282 / NOTAS: 4020* Consultar página n.º: 282 / NOTE : 4020* Se référer à la page n° : 282 / HINWEIS: 4020* Siehe Seite: 282

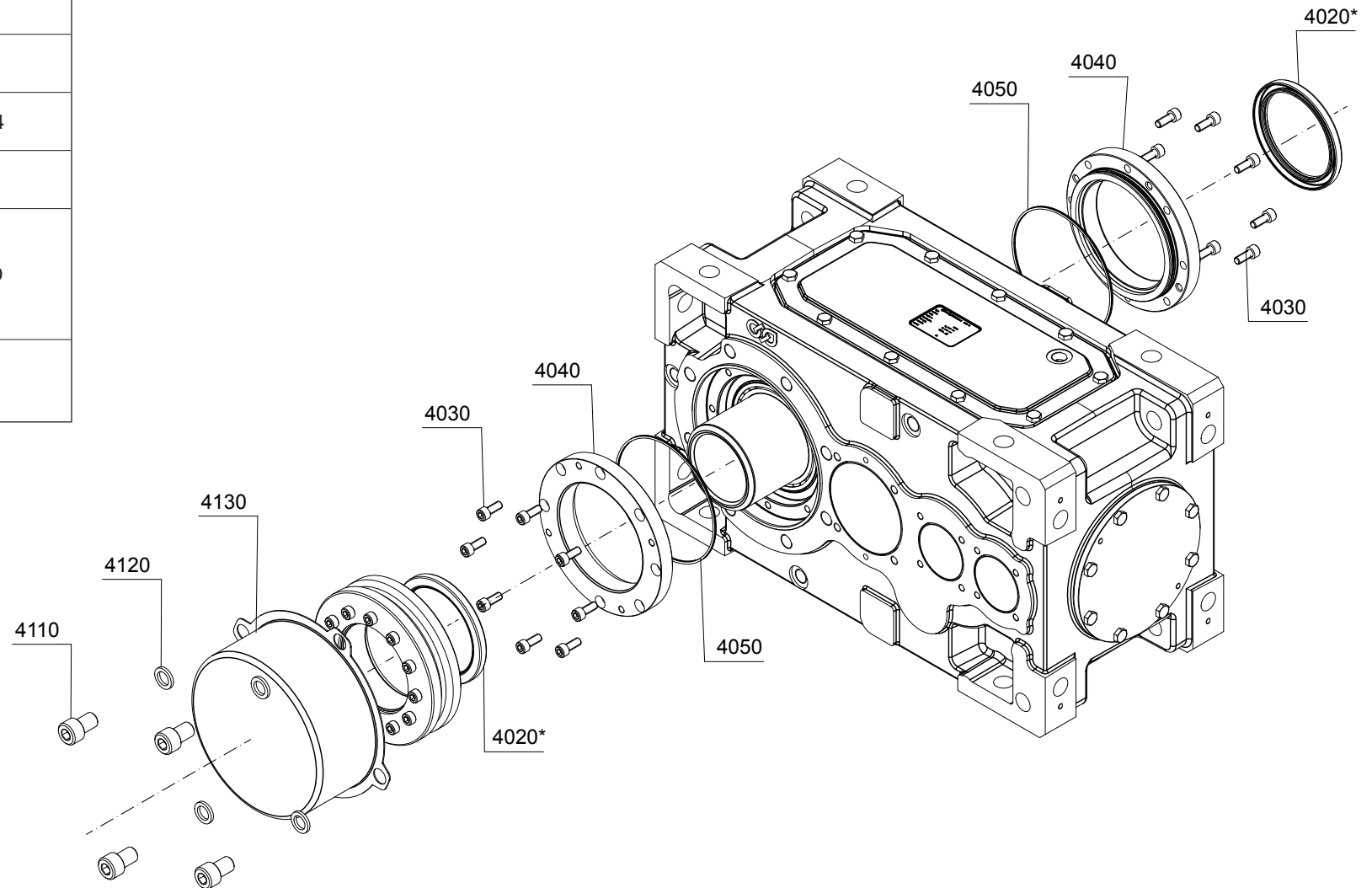
HDO 71 ... HDO 95

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	4
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	S
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-LJ-LD
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2






HDO 71 ... HDO 95

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	4
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	S
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	R-RJ-RD
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2



HDO 71 ... HDO 95

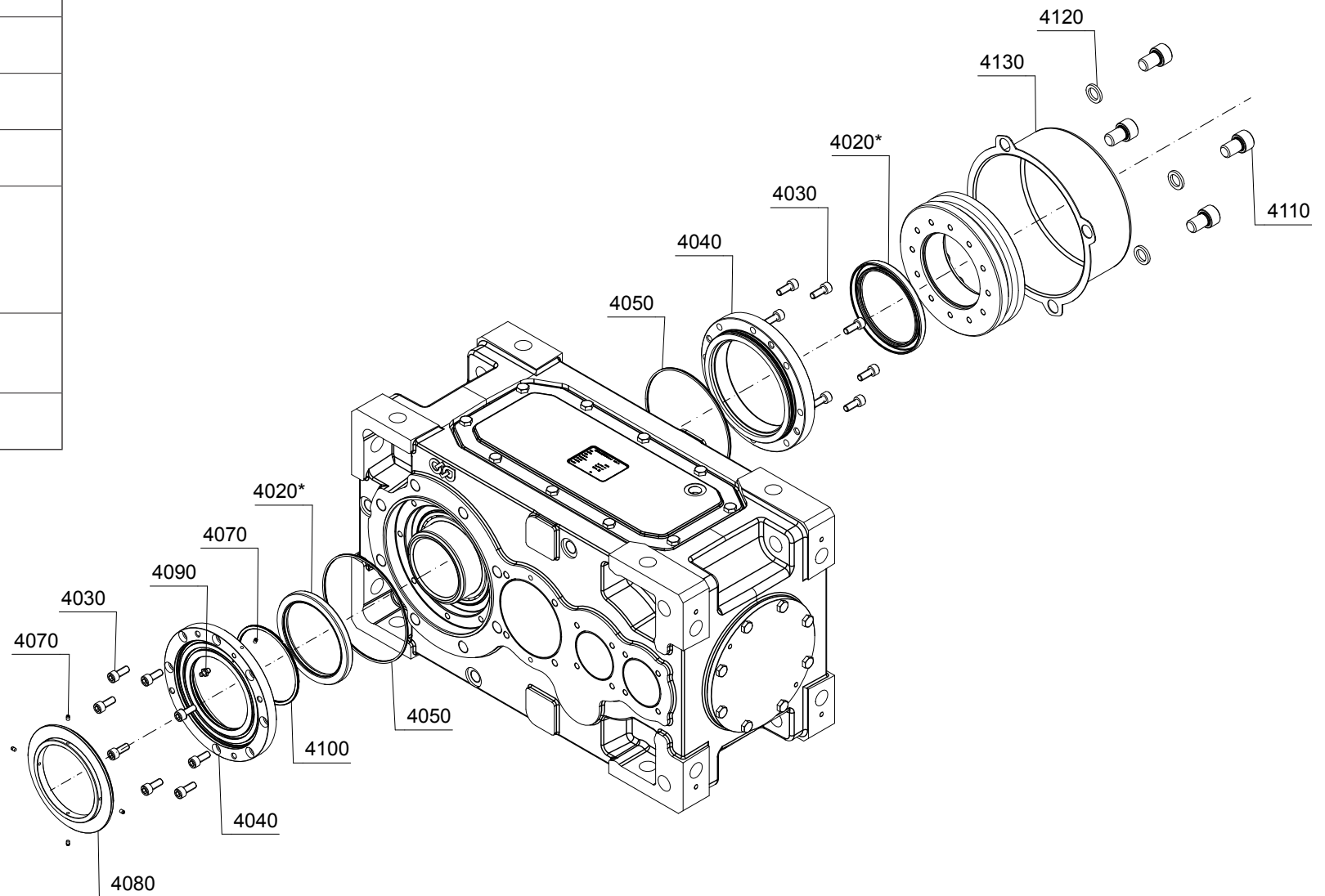
Pos	Description	Descrizione	Descripción	Description	Beschreibung
4020*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
4030	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
4040	OPEN CAP	CAPPEL APERTO	SOMBRETE ABIERTO	CAPUCHON OUVERT	OFFENE DECKEL
4050	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
4110	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	ZYLINDERKOPFSCHR
4120	WASHER	RONDELLA PIANA	ARANDELA PLANA	RONDELLE PLATE	FLACHSCHEIBE
4130	SHRINK DISC PROTECTION	PROT CALET	PROT CALET	PROT FRET SERRAGE	PROT FRET SERRAGE

			 OR	
	4030	4110	4050	4120
HDO 60	M8X22	M16X25	151.99X3.53	16X24X3
HDO 70	M10X25	M20X30	171.04X3.53	20X30X4
HDO 80	M12X30	M24X40	202.79X3.53	24X36X4
HDO 90	M14X35	M24X40	228.2X3.53	24X36X4

NOTE: 4020* Refer page no: 282 / NOTA: 4020* Vedere pagina n°: 282 / NOTAS: 4020* Consultar página n.º: 282 / NOTE : 4020* Se référer à la page n° : 282 / HINWEIS: 4020* Siehe Seite: 282

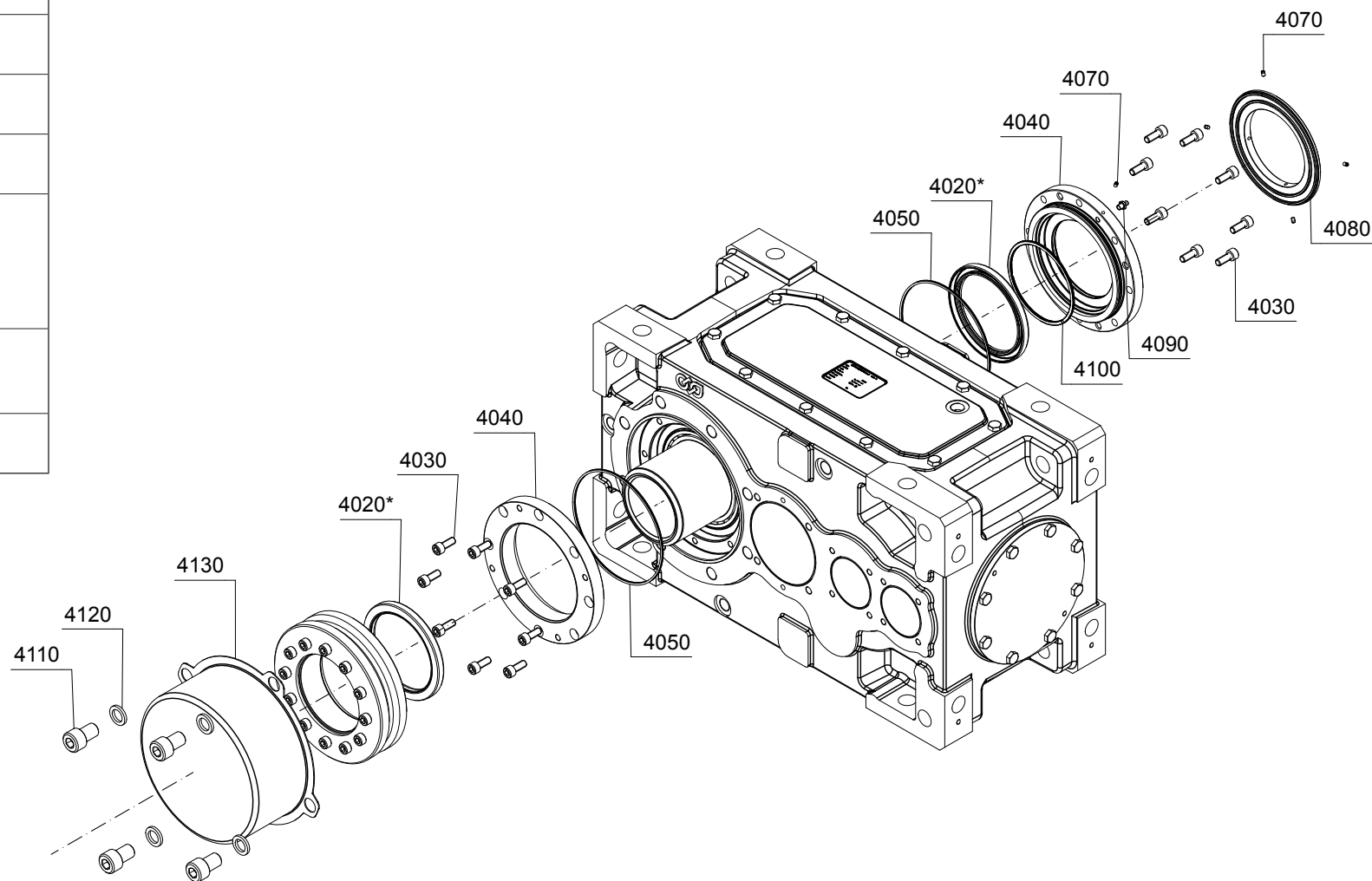
HDO 71 ... HDO 95

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	4
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	S
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-LJ-LD
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Option / Opzione / Opción Option / Option	TK









HDO 71 ... HDO 95

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	4
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	S
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	R-RJ-RD
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Option / Opzione / Opción Option / Option	TK



HDO 71 ... HDO 95

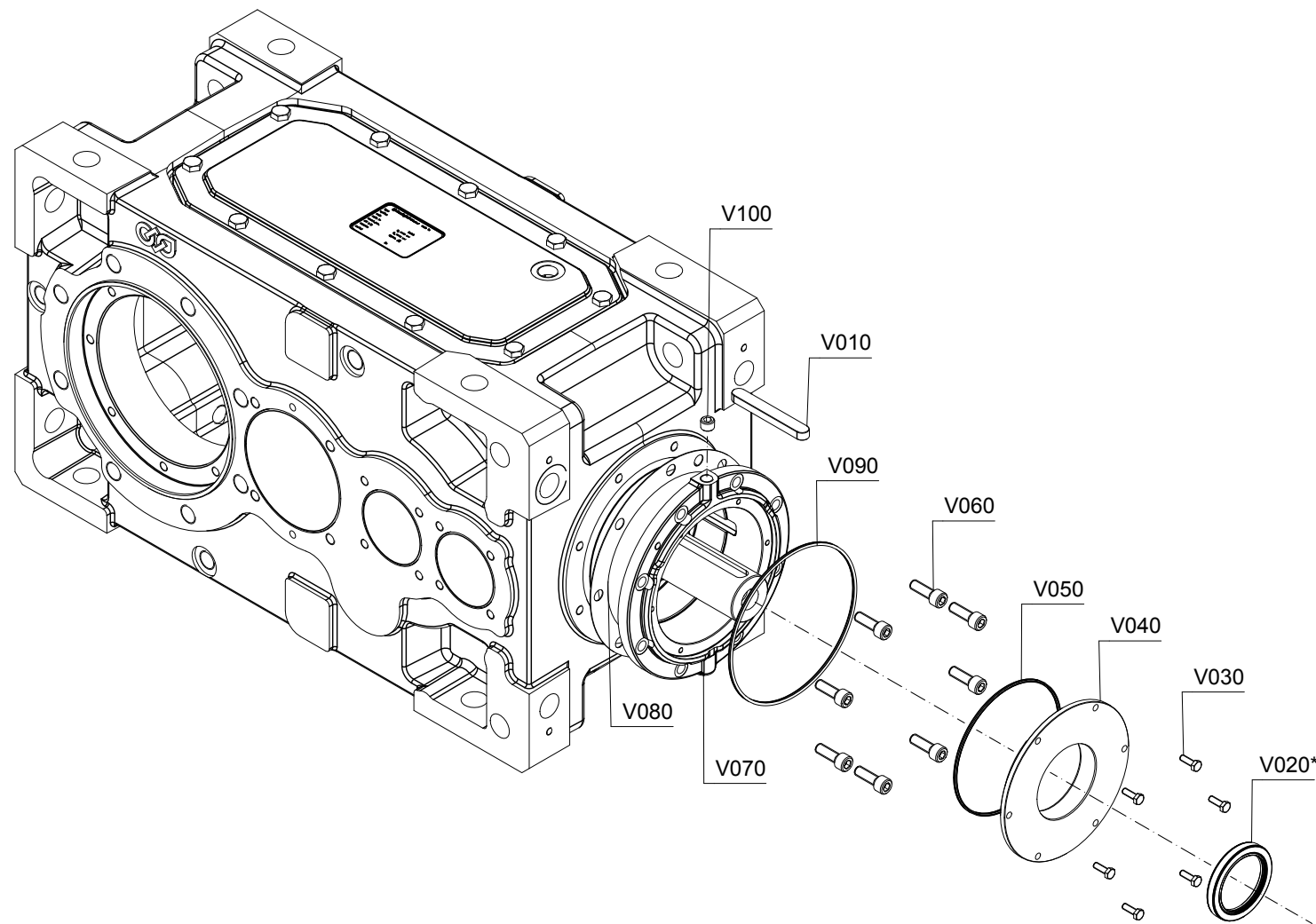
Pos	Description	Descrizione	Descripción	Description	Beschreibung
4020*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
4030	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
4040	OPEN CAP	CAPPEL APERTO	SOMBRETE ABIERTO	CAPUCHON OUVERT	OFFENE DECKEL
4050	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
4070	STEI.-CN SCREW	VITE S.T.E.I.-CN	TORNILLO STEI-CN	VIS S.T.H.C	STEI-CN-SCHRAUBE
4080	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
4090	GREASE NIPPLE	INGRASSATORE DIRITTO	ENGRASADOR RECTO	GRAISSEUR DROIT	GERADE FETTBUSCHE
4100	LAMELLAR OILSEAL	ANELLO TENUTA LAM	RETEN LAMINAR	JOINT ET.LAMELL	LAM.DICHTRING
4110	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	ZYLINDERKOPFSCHR
4120	WASHER	RONDELLA PIANA	ARANDELA PLANA	RONDELLE PLATE	FLACHSCHEIBE
4130	SHRINK DISC PROTECTION	PROT CALET	PROT CALET	PROT FRET SERRAGE	PROT FRET SERRAGE

							
	4030	4110	4050	4070	4090	4100	4120
HDO 71	M8X22	M16X25	151.99X3.53	M4X8	M8X1	105X4.3X0.98	16X24X3
HDO 81	M10X25	M20X30	171.04X3.53	M5X8	M8X1	120X5.0X0.98	20X30X4
HDO 91	M12X30	M24X40	202.79X3.53	M5X8	M8X1	140X5.5X0.98	24X36X4
HDO 95	M14X35	M24X40	228.2X3.53	M6X10	1/8 " GAS	150X6X1	24X36X4

NOTE: 4020* Refer page no: 282 / NOTA: 4020* Vedere pagina n°: 282 / NOTAS: 4020* Consultar página n.º: 282 / NOTE : 4020* Se référer à la page n° : 282 / HINWEIS: 4020* Siehe Seite: 282

HDO 71 ... HDO 95





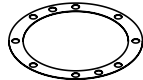

Size / Taglia / Tamaño Taille / Größe	71 & 81 & 91
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-R-D
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2



HDO 71 ... 95

HDO 71 ... HDO 95

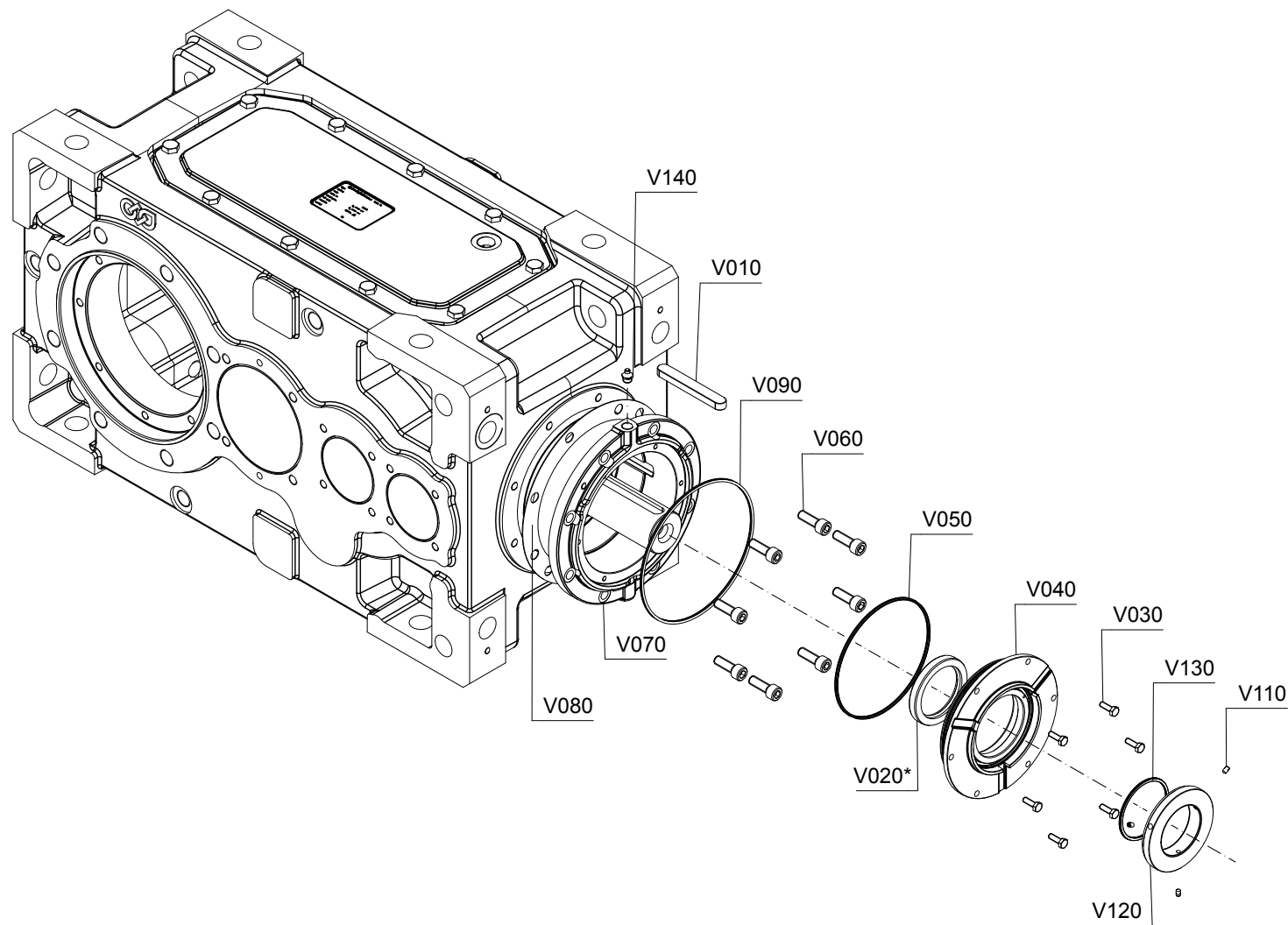
Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V020*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V040	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V050	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V060	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V070	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V080	SHIMS	SPESSORE	ESPESOR	CALE	BELAG
V090	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V100	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN

			 OR				
	V010	V030	V050	V090	V060	V080	V100
HDO 71	14X9X100 A	M6X18	107.62X2.62	132.90X3.53	M10X30	140X179X1.2	1/4 " GAS
HDO 81	14X9X100 A	M6X18	139.37X2.62	164.69X3.53	M10X30	172X219X1.2	1/4 " GAS
HDO 91	16X10X100 A	M8X25	139.37X2.62	171.04X3.53	M12X40	180x229x1.6	1/4 " GAS

NOTE: V020* Refer page no: 283 / NOTA: V020* Vedere pagina n°: 283 / NOTAS: V020* Consultar página n.º: 283 / NOTE : V020* Se référer à la page n° : 283 / HINWEIS: V020* Siehe Seite: 283





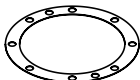



HDO 71 ... HDO 95

Size / Taglia / Tamaño Taille / Größe	71 & 81 & 91
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-R-D
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Option / Opzione / Opción Option / Option	TK



HDO 71 ... HDO 95

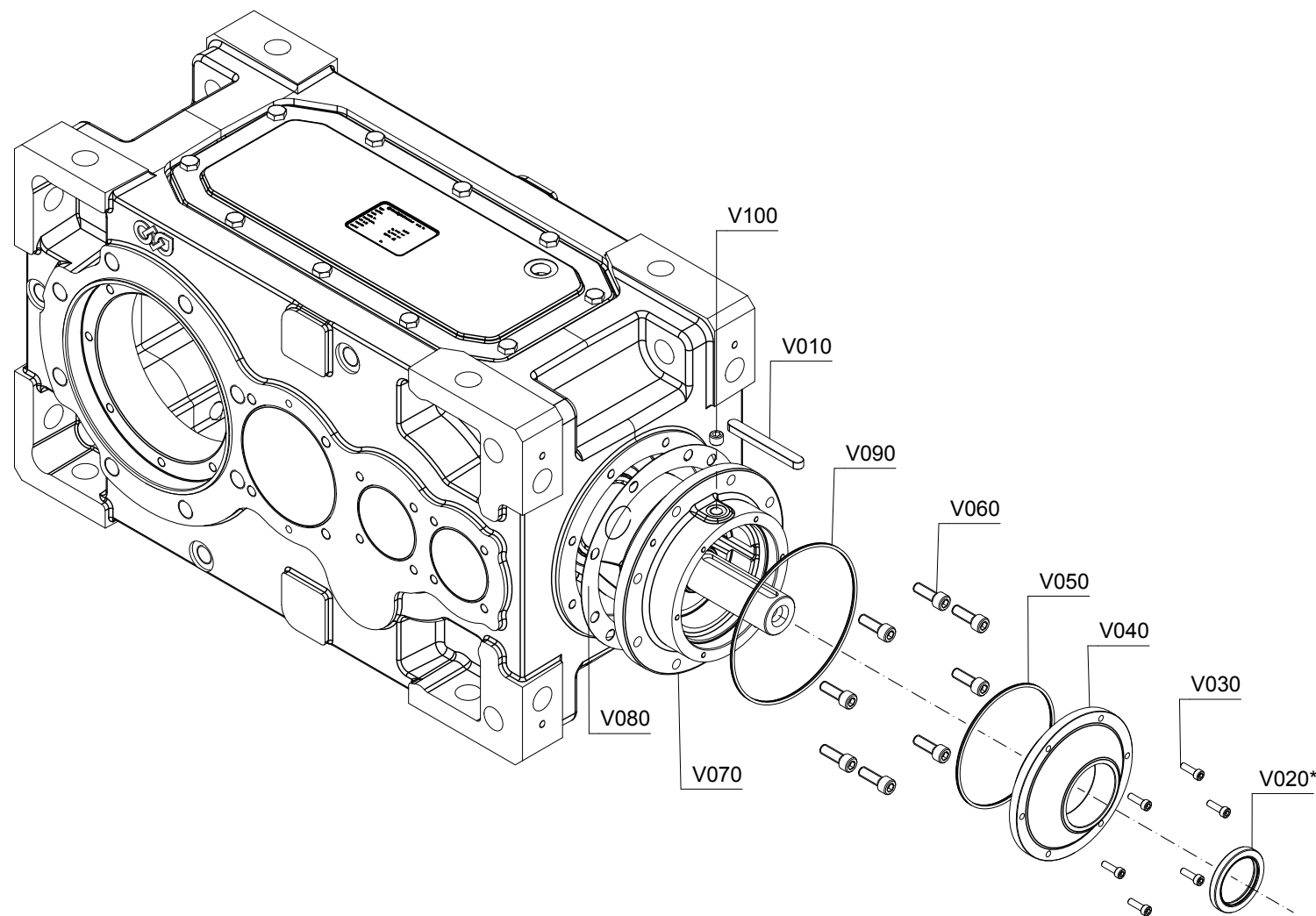
Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V020*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V040	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V050	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V060	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V070	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V080	SHIMS	SPESSORE	ESPEJOR	CALE	BELAG
V090	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V110	STEI.-CN SCREW	VITE S.T.E.I.-CN	TORNILLO STEI-CN	VIS S.T.H.C.	STEI-CN-SCHRAUBE
V120	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V130	LAMELLAR OILSEAL	ANELLO TENUTA	RETEN LAMINAR	JOINT ET.LAMELL	LAM.DICHTRING
V140	GREASE NIPPLE	INGRASSATORE DIRITTO	ENGRASADOR RECTO	GRAISSEUR DROIT	GERADE FETTBUSCHE

			 OR						
	V010	V030	V050	V090	V060	V080	V110	V130	V140
HDO 71	14X9X100 A	M6X18	107.62X2.62	132.90X3.53	M10X30	140X179X1.2	M5X8	74X3.1X0.82	1/8 " GAS
HDO 81	14X9X100 A	M6X18	139.37X2.62	164.69X3.53	M10X30	172X219X1.2	M5X8	74X3.1X0.82	1/8 " GAS
HDO 91	16X10X100 A	M8X25	139.37X2.62	171.04X3.53	M12X40	180x229x1.6	M5X8	74X3.1X0.82	1/8 " GAS

NOTE: V020* Refer page no: 283 / NOTA: V020* Vedere pagina n°: 283 / NOTAS: V020* Consultar página n.º: 283 / NOTE : V020* Se référer à la page n° : 283 / HINWEIS: V020* Siehe Seite: 283

HDO 71 ... HDO 95






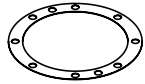

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	3
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-R-D
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2



HDO 71 ... 95

HDO 71 ... HDO 95

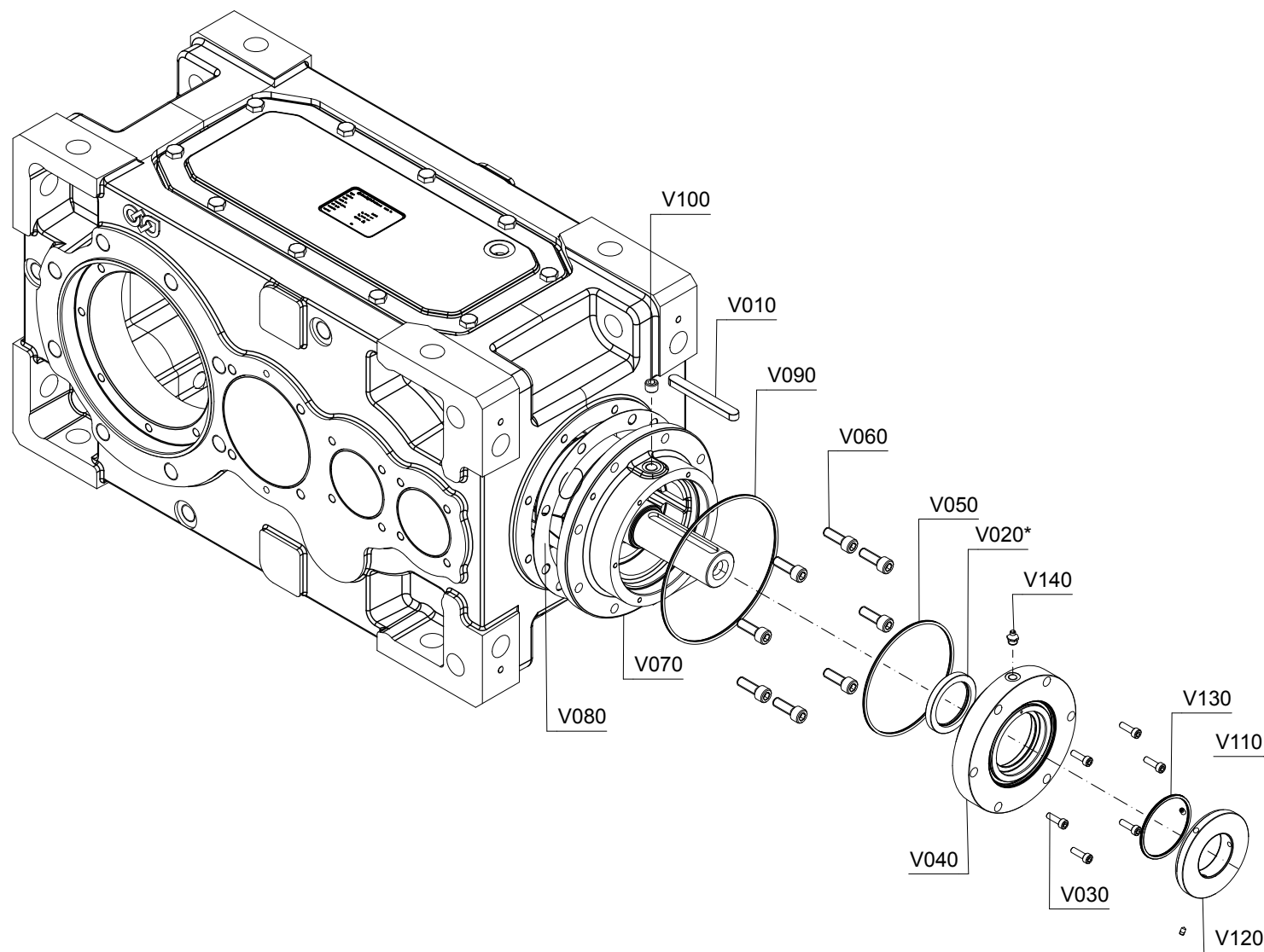
Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V020*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V030	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V040	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V050	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V060	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V070	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V080	SHIMS	SPESSORE	ESPEJOR	CALE	BELAG
V090	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V100	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN

				 OR				
	V010	V030		V050	V090	V060	V080	V100
HDO 71	12X8X100 A	M6X18	-	91.67X3.53	132.90X3.53	M10X30	140X179X1/2	1/4" GAS
HDO 81	12X8X100 A	-	M6X20	126.6X3.53	164.69X3.53	M10X30	172X219X1/2	1/4" GAS
HDO 91	14X9X100 A	M6X18	-	126.6X3.53	158.3X3.53	M12X40	165X214X1.6	1/4" GAS
HDO 95	14X9X100 A	M6X18	-	126.6X3.53	158.3X3.53	M12X40	165X214X1.6	1/4" GAS

NOTE: V020* Refer page no: 283 / NOTA: V020* Vedere pagina n°: 283 / NOTAS: V020* Consultar página n.º: 283 / NOTE : V020* Se référer à la page n° : 283 / HINWEIS: V020* Siehe Seite: 283

HDO 71 ... HDO 95






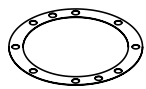




Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	3
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-R-D
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Option / Opzione / Opción Option / Option	TK



HDO 71 ... 95

HDO 71 ... HDO 95

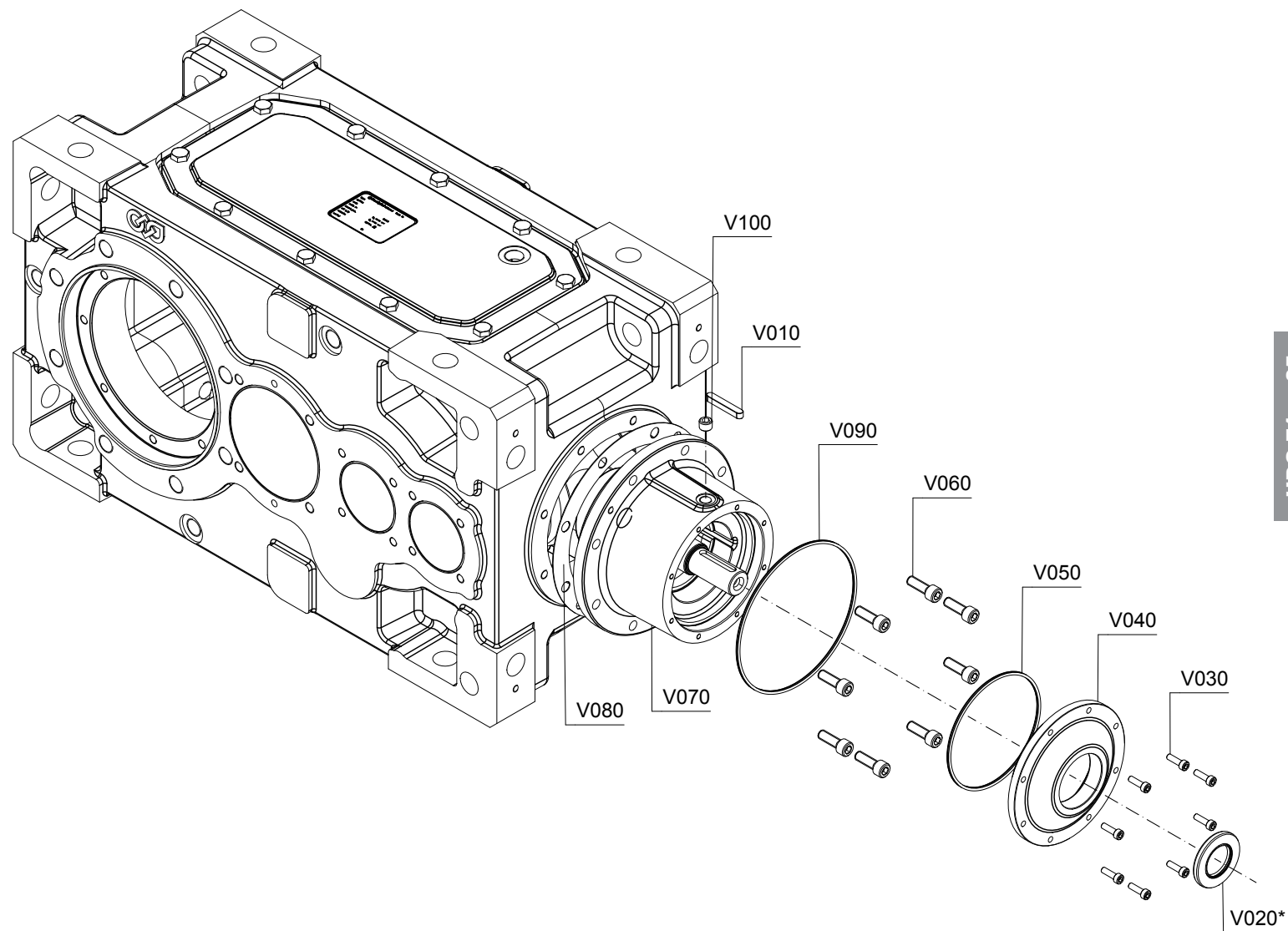
Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V020*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V030	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V040	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V050	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V060	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V070	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V080	SHIMS	SPESSORE	ESPEJOR	CALE	BELAG
V090	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V100	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V110	STEI.-CN SCREW	VITE S.T.E.I.-CN	TORNILLO STEI-CN	VIS S.T.H.C.	STEI-CN-SCHRAUBE
V120	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V130	LAMELLAR OILSEAL	ANELLO TENUTA	RETEN LAMINAR	JOINT ET.LAMELL	LAM.DICHTRING
V140	GREASE NIPPLE	INGRASSATORE DIRITTO	ENGRASADOR RECTO	GRAISSEUR DROIT	GERADE FETTBUSCHE

											
	V010	V030		V050	V090	V060	V080	V100	V110	V130	V140
HDO 71	12X8X100 A	M6X18	-	91.67X3.53	132.90X3.53	M10X30	140X179X1.2	1/4" GAS	M4X8	51X2.4X0.72	1/8 " GAS
HDO 81	12X8X100 A	-	M6X20	126.6X3.53	164.69X3.53	M10X30	172X219X1.2	1/4" GAS	M5X8	74X3.1X0.82	1/8 " GAS
HDO 91	14X9X100 A	M6X16	-	126.6X3.53	158.3X3.53	M12X40	165X214X1.6	1/4" GAS	M5X8	74X3.1X0.82	1/8 " GAS
HDO 95	14X9X100 A	M6X16	-	126.6X3.53	158.3X3.53	M12X40	165X214X1.6	1/4" GAS	M5X8	74X3.1X0.82	1/8 " GAS

NOTE: V020* Refer page no: 283 / NOTA: V020* Vedere pagina n°: 283 / NOTAS: V020* Consultar página n.º: 283 / NOTE : V020* Se référer à la page n° : 283 / HINWEIS: V020* Siehe Seite: 283

HDO 71 ... HDO 95






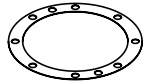

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	4
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-R-D
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2



HDO 71 ... 95

HDO 71 ... HDO 95

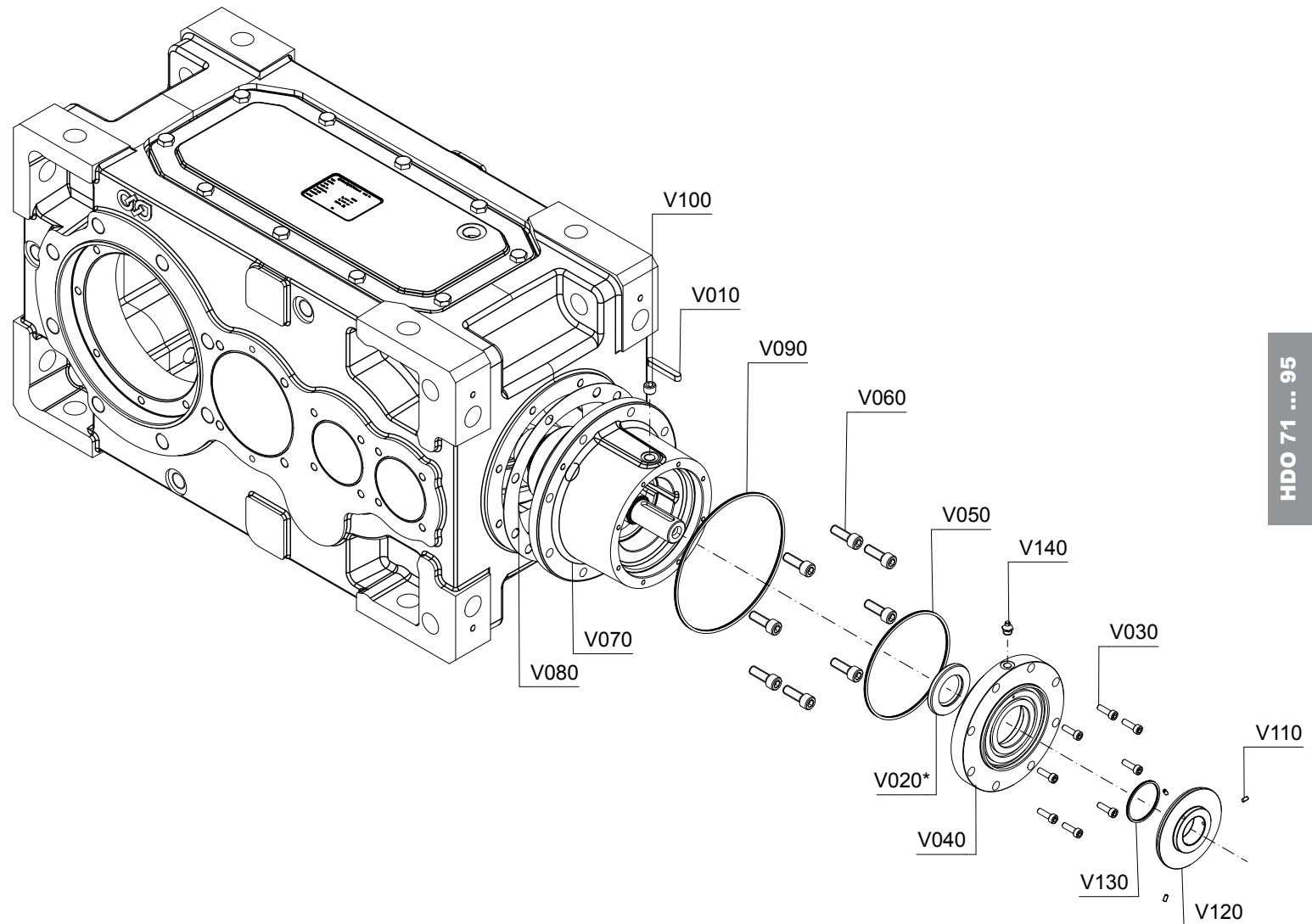
Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V020*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V030	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V040	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V050	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V060	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V070	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V080	SHIMS	SPESSORE	ESPEJOR	CALE	BELAG
V090	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V100	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN

				 OR				
	V010	V030		V050	V090	V060	V080	V100
HDO 71	8X7X50 A	M6X18	-	91.67X3.53	132.90X3.53	M10X30	140X179X1.2	1/4" GAS
HDO 81	8X7X50 A	-	M6X20	126.6X3.53	164.69X3.53	M10X30	172X219X1.2	1/4" GAS
HDO 91	10X8X70 A	M6X16	-	126.6X3.53	158.3X3.53	M12X40	165X214X1.6	1/4" GAS
HDO 95	10X8X70 A	M6X16	-	126.6X3.53	158.3X3.53	M12X40	165X214X1.6	1/4" GAS

NOTE: V020* Refer page no: 283 / NOTA: V020* Vedere pagina n°: 283 / NOTAS: V020* Consultar página n.º: 283 / NOTE : V020* Se référer à la page n° : 283 / HINWEIS: V020* Siehe Seite: 283






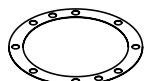





HDO 71 ... HDO 95

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	4
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-R-D
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Option / Opzione / Opción Option / Option	TK



HDO 71 ... HDO 95

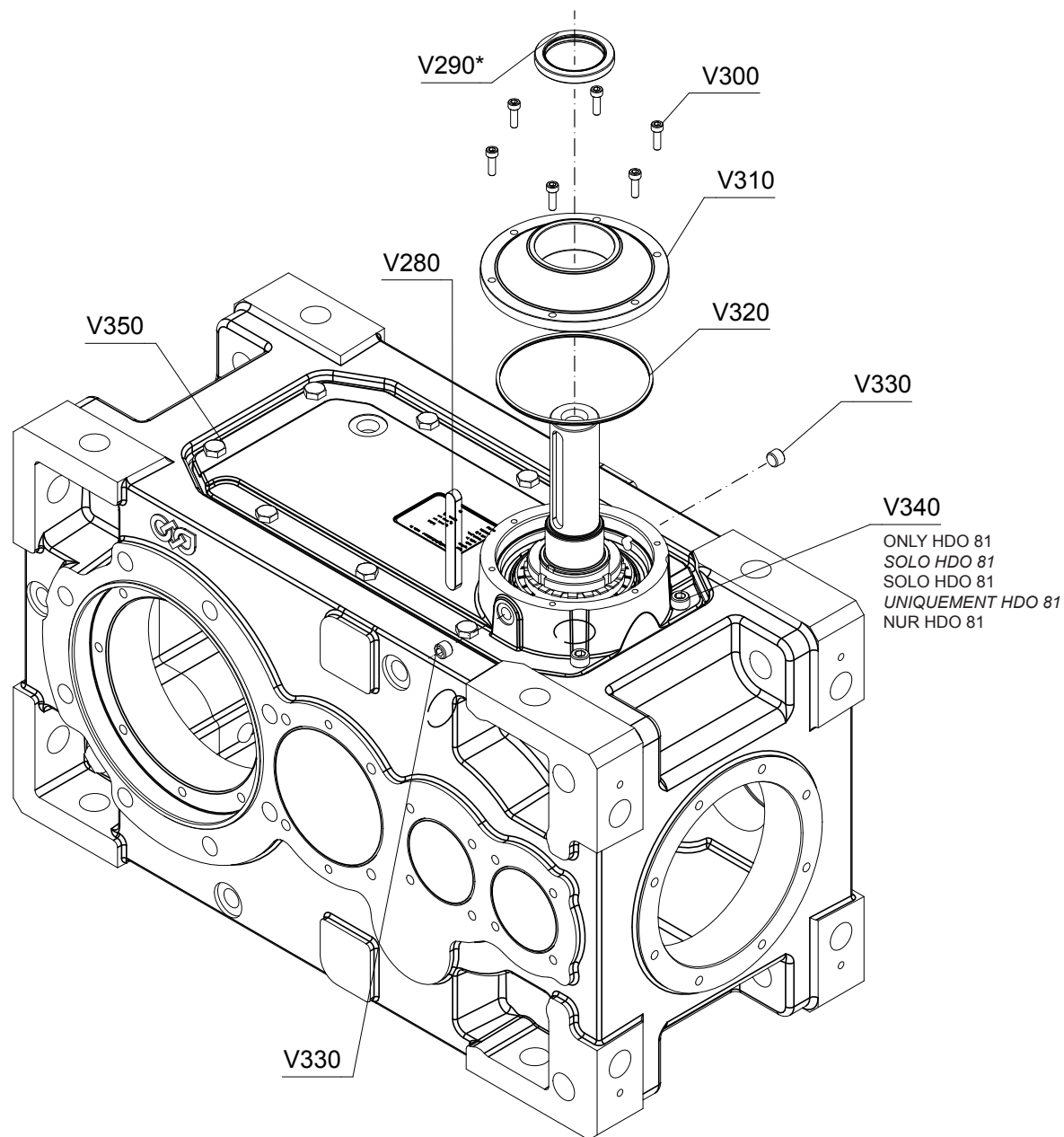
Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V020*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V030	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V040	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V050	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V060	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V070	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V080	SHIMS	SPESSORE	ESPEJOR	CALE	BELAG
V090	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V100	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V110	STEI.-CN SCREW	VITE S.T.E.I.-CN	TORNILLO STEI-CN	VIS S.T.H.C.	STEI-CN-SCHRAUBE
V120	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V130	LAMELLAR OILSEAL	ANELLO TENUTA	RETEN LAMINAR	JOINT ET.LAMELL	LAM.DICHTRING
V140	GREASE NIPPLE	INGRASSATORE DIRITTO	ENGRASADOR RECTO	GRAISSEUR DROIT	GERADE FETTBUSCHE

												
	V010	V030		V050	V090	V060	V080	V100	V110	V130	V140	
HDO 71	8X7X50 A	M6X18	-	91.67X3.53	132.90X3.53	M10X30	140X179X1.2	1/4 " GAS	M4X8	51X2.4X0.72	1/8 " GAS	
HDO 81	8X7X50 A	-	M6X20	126.6X3.53	164.69X3.53	M10X30	172X219X1.2	1/4 " GAS	M4X8	51X2.4X0.72	1/8 " GAS	
HDO 91	10X8X70 A	M6X20	-	126.6X3.53	158.3X3.53	M12X40	165X214X1.6	1/4 " GAS	M4X8	51X2.4X0.72	1/8 " GAS	
HDO 95	10X8X70 A	M6X20	-	126.6X3.53	158.3X3.53	M12X40	165X214X1.6	1/4 " GAS	M4X8	51X2.4X0.72	1/8 " GAS	

NOTE: V020* Refer page no: 283 / NOTA: V020* Vedere pagina n°: 283 / NOTAS: V020* Consultar página n.º: 283 / NOTE : V020* Se référer à la page n° : 283 / HINWEIS: V020* Siehe Seite: 283








HDO 71 ... HDO 95

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	VJ
Stages / Stadi / Etapas Étages / Stufen	3
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LJ-RJ-DJ
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2



HDO 71 ... HDO 95

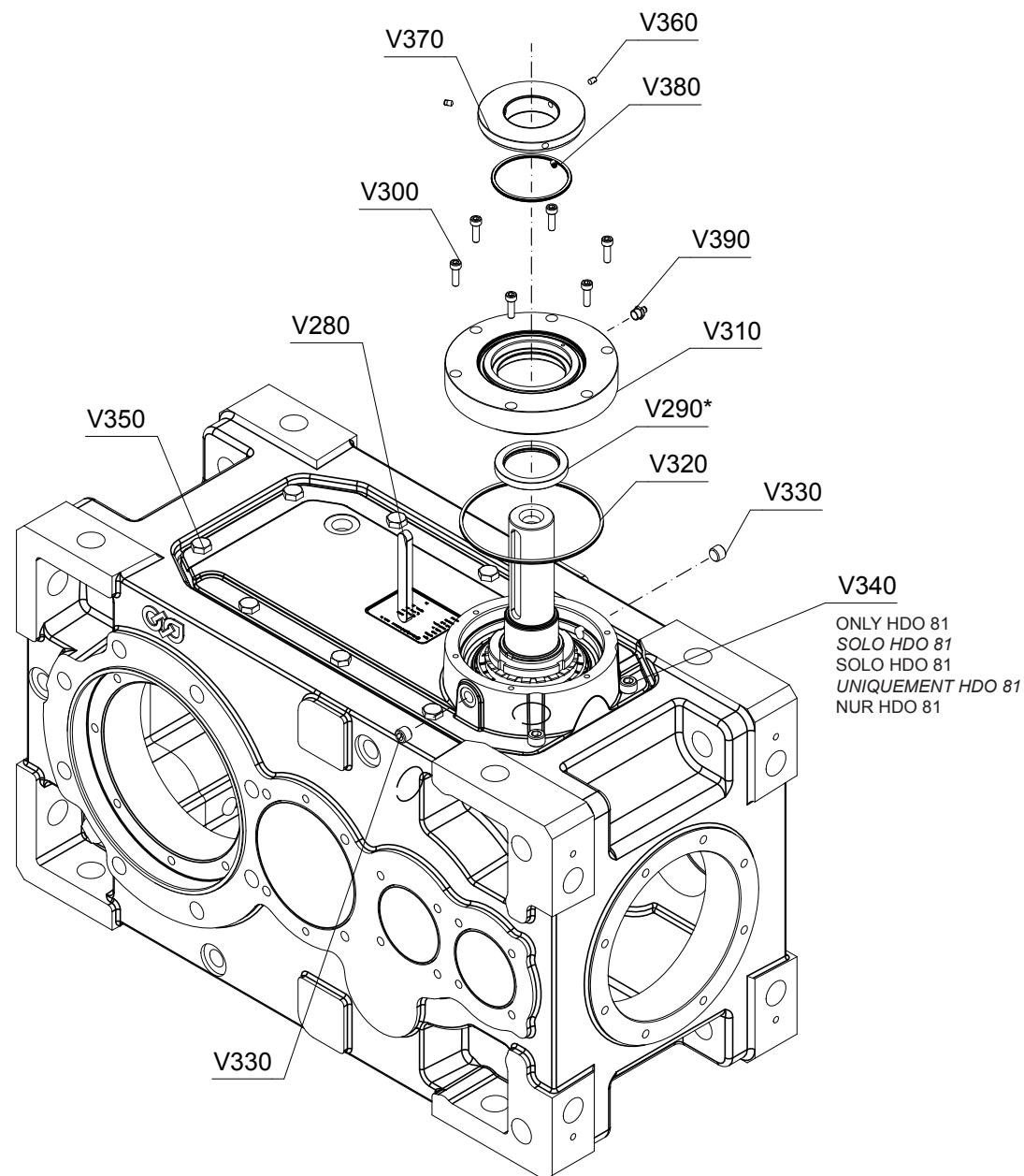
Pos	Description	Descrizione	Descripción	Description	Beschreibung
V280	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V290*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V300	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V300	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V310	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V320	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V330	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V340	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V350	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE

					 OR		
	V280	V300		V340	V320	V330	V350
HDO 71	12X8X100 A	M6X18	-	-	91.67X3.53	1/4" GAS	M10X25
HDO 81	12X8X100 A	-	M6X20	M10X25	126.6X3.53	1/4" GAS	M10X25
HDO 91	14X9X100 A	M6X18	-	-	126.6X3.53	1/4" GAS	M10X25
HDO 95	14X9X100 A	M6X18	-	-	126.6X3.53	1/4" GAS	M10X25

NOTE: V290* Refer page no: 284 / NOTA: V290* Vedere pagina n°: 284 / NOTAS: V290* Consultar página n.º: 284 / NOTE : V290* Se référer à la page n° : 284 / HINWEIS: V290* Siehe Seite: 284











HDO 71 ... HDO 95

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	VJ
Stages / Stadi / Etapas Étages / Stufen	3
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LJ-RJ-DJ
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Option / Opzione / Opción Option / Option	TK



HDO 71 ... HDO 95

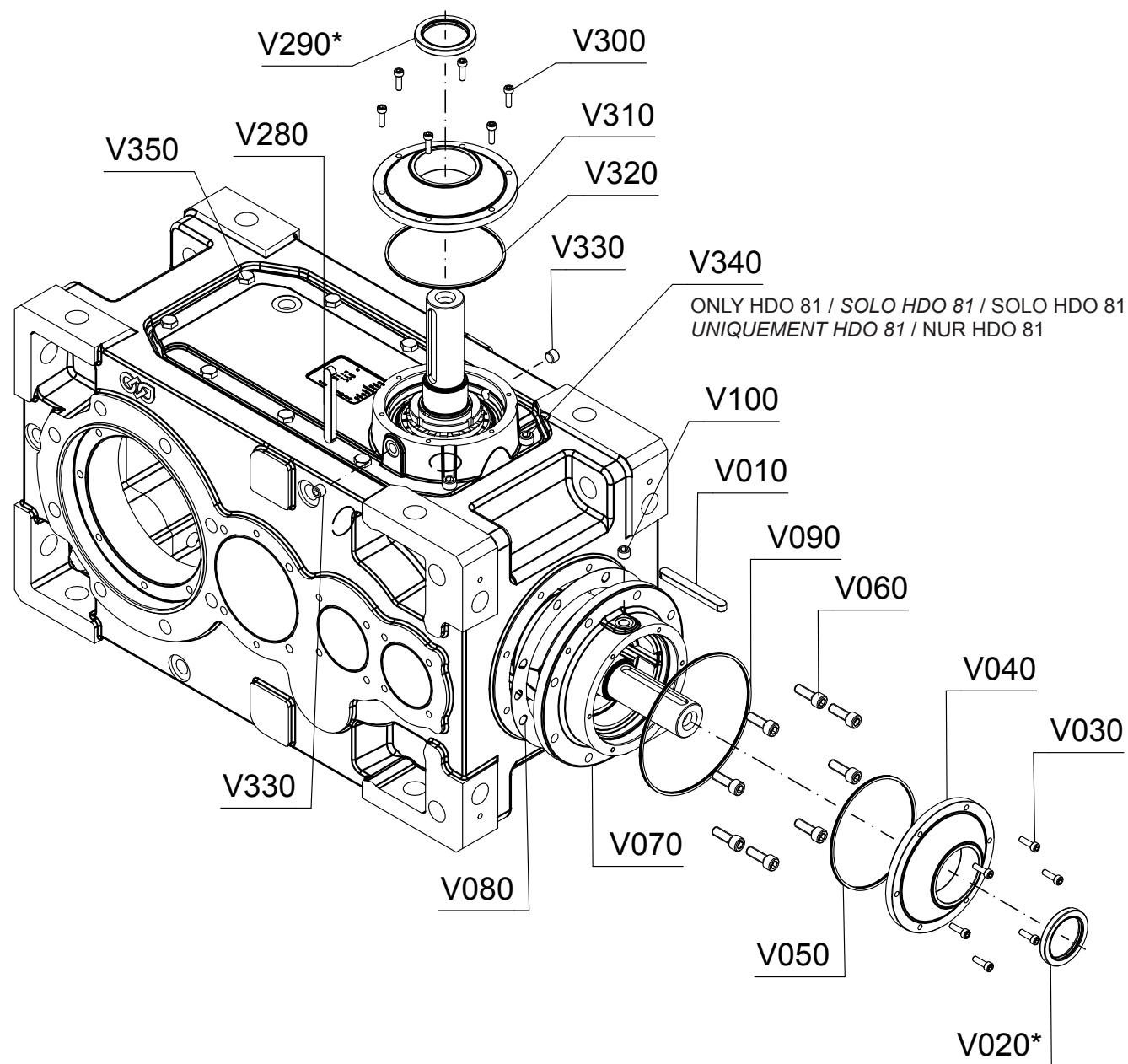
Pos	Description	Descrizione	Descripción	Description	Beschreibung
V280	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V290*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V300	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V300	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V310	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V320	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V330	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V340	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V350	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V360	STEI.-CN SCREW	VITE S.T.E.I.-CN	TORNILLO STEI-CN	VIS S.T.H.C.	STEI-CN-SCHRAUBE
V370	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V380	LAMELLAR OILSEAL	ANELLO TENUTA	RETEN LAMINAR	JOINT ET.LAMELL	LAM.DICHTRING
V390	GREASE NIPPLE	INGRASSATORE DIRITTO	ENGRASADOR RECTO	GRAISSEUR DROIT	GERADE FETTBUSCHE

					 OR					
	V280	V300		V340	V320	V330	V350	V360	V380	V390
HDO 71	12X8X100 A	M6X18	-	-	91.67X3.53	1/4" GAS	M10X25	M4X8	51X2.4X0.72	1/8" GAS
HDO 81	12X8X100 A	-	M6X20	M10X25	126.6X3.53	1/4" GAS	M10X25	M5X8	74X3.1X0.82	1/8" GAS
HDO 91	14X9X100 A	M6X16	-	-	126.6X3.53	1/4" GAS	M10X25	M5X8	74X3.1X0.82	1/8" GAS
HDO 95	14X9X100 A	M6X16	-	-	126.6X3.53	1/4" GAS	M10X25	M5X8	74X3.1X0.82	1/8" GAS

NOTE: V290* Refer page no: 284 / NOTA: V290* Vedere pagina n°: 284 / NOTAS: V290* Consultar página n.º: 284 / NOTE : V290* Se référer à la page n° : 284 / HINWEIS: V290* Siehe Seite: 284

HDO 71 ... HDO 95

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	3
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LD-RD-DD
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2



HDO 71 ... 95






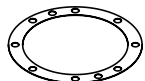

HDO 71 ... HDO 95








Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V020*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V030	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V040	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V050	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V060	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V070	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V080	SHIMS	SPESSORE	ESPEJOR	CALE	BELAG
V090	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V100	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V280	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V290*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V300	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V300	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V310	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V320	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V330	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V340	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V350	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE

NOTE: V020* Refer page no: 283 / NOTA: V020* Vedere pagina n°: 283 / NOTAS: V020* Consultar página n.º: 283 / NOTE : V020* Se référer à la page n° : 283 / HINWEIS: V020* Siehe Seite: 283

NOTE: V290* Refer page no: 284 / NOTA: V290* Vedere pagina n°: 284 / NOTAS: V290* Consultar página n.º: 284 / NOTE : V290* Se référer à la page n° : 284 / HINWEIS: V290* Siehe Seite: 284

HDO 71 ... HDO 95

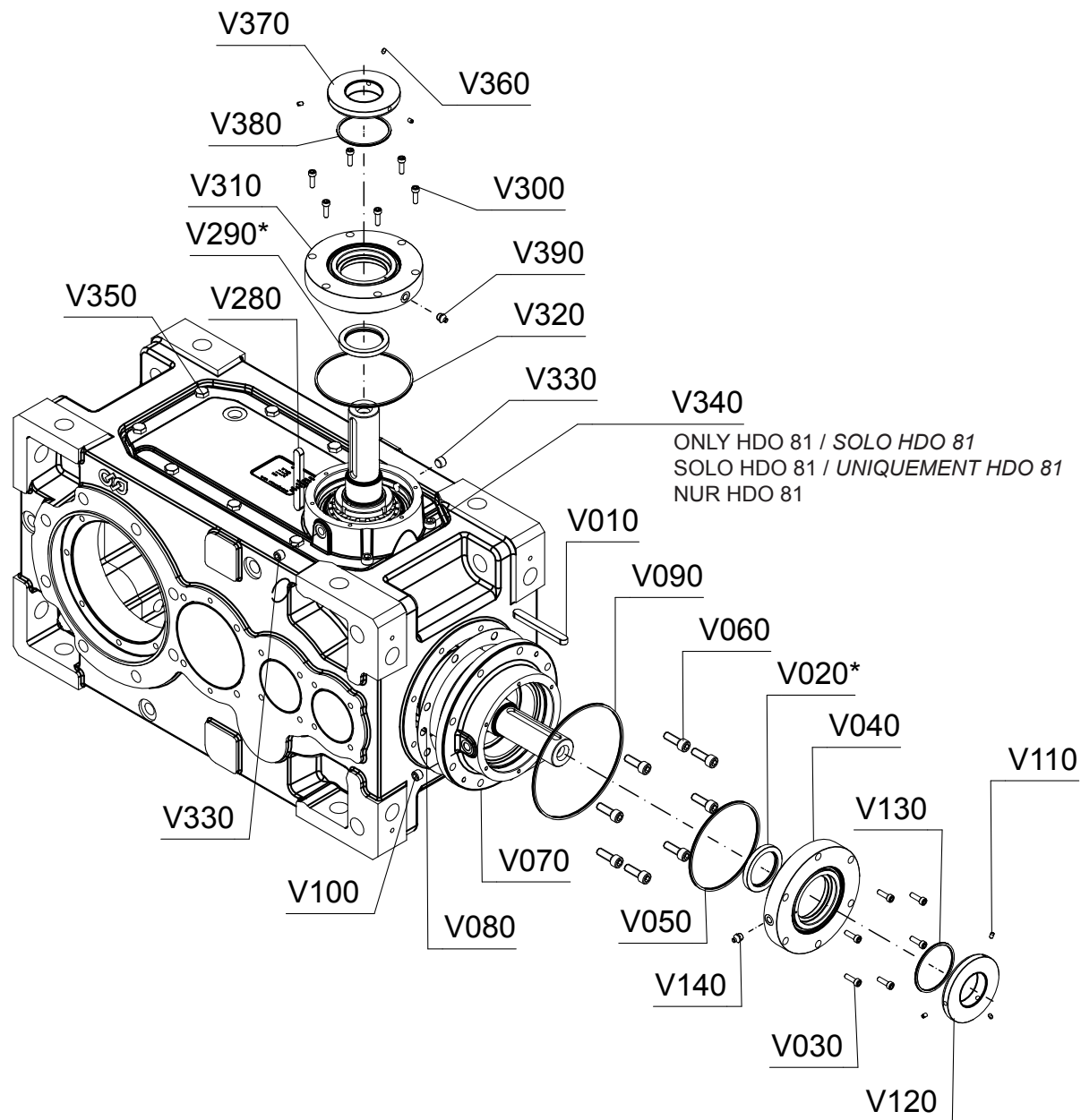
				 OR				
	V010	V030		V050	V090	V060	V080	V100
HDO 71	12X8X100 A	M6X18	-	91.67X3.53	132.90X3.53	M10X30	140X179X1/2	1/4" GAS
HDO 81	12X8X100 A	-	M6X20	126.6X3.53	164.69X3.53	M10X30	172X219X1/2	1/4" GAS
HDO 91	14X9X100 A	M6X18	-	126.6X3.53	158.3X3.53	M12X40	165X214X1.6	1/4" GAS
HDO 95	14X9X100 A	M6X18	-	126.6X3.53	158.3X3.53	M12X40	165X214X1.6	1/4" GAS

					 OR		
	V280	V300		V340	V320	V330	V350
HDO 71	12X8X100 A	M6X18	-	-	91.67X3.53	1/4" GAS	M10X25
HDO 81	12X8X100 A	-	M6X20	M10X25	126.6X3.53	1/4" GAS	M10X25
HDO 91	14X9X100 A	M6X18	-	-	126.6X3.53	1/4" GAS	M10X25
HDO 95	14X9X100 A	M6X18	-	-	126.6X3.53	1/4" GAS	M10X25

HDO 71 ... 95

HDO 71 ... HDO 95






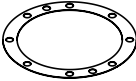




Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	3
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LD-RD-DD
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Option / Opzione / Opción Option / Option	TK












HDO 71 ... HDO 95

Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V020*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V030	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V040	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V050	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V060	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V070	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V080	SHIMS	SPESSORE	ESPESOR	CALE	BELAG
V090	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V100	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V110	STEI.-CN SCREW	VITE S.T.E.I.-CN	TORNILLO STEI-CN	VIS S.T.H.C.	STEI-CN-SCHRAUBE
V120	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V130	LAMELLAR OILSEAL	ANELLO TENUTA	RETEN LAMINAR	JOINT ET.LAMELL	LAM.DICHTRING
V140	GREASE NIPPLE	INGRASSATORE DIRITTO	ENGRASADOR RECTO	GRAISSEUR DROIT	GERADE FETTBUSCHE
V280	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V290*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V300	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V300	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V310	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V320	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V330	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V340	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V350	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V360	STEI.-CN SCREW	VITE S.T.E.I.-CN	TORNILLO STEI-CN	VIS S.T.H.C.	STEI-CN-SCHRAUBE
V370	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V380	LAMELLAR OILSEAL	ANELLO TENUTA	RETEN LAMINAR	JOINT ET.LAMELL	LAM.DICHTRING
V390	GREASE NIPPLE	INGRASSATORE DIRITTO	ENGRASADOR RECTO	GRAISSEUR DROIT	GERADE FETTBUSCHE

HDO 71 ... HDO 95

											
	V010	V030		V050	V090	V060	V080	V100	V110	V130	V140
HDO 71	12X8X100 A	M6X18	-	91.67X3.53	132.90X3.53	M10X30	140X179X1.2	1/4" GAS	M4X8	51X2.4X0.72	1/8" GAS
HDO 81	12X8X100 A	-	M6X20	126.6X3.53	164.69X3.53	M10X30	172X219X1.2	1/4" GAS	M5X8	74X3.1X0.82	1/8" GAS
HDO 91	14X9X100 A	M6X16	-	126.6X3.53	158.3X3.53	M12X40	165X214X1.6	1/4" GAS	M5X8	74X3.1X0.82	1/8" GAS
HDO 95	14X9X100 A	M6X16	-	126.6X3.53	158.3X3.53	M12X40	165X214X1.6	1/4" GAS	M5X8	74X3.1X0.82	1/8" GAS

										
	V280	V300		V340	V320	V330	V350	V360	V380	V390
HDO 71	12X8X100 A	M6X18	-	-	91.67X3.53	1/4" GAS	M10X25	M4X8	51X2.4X0.72	1/8" GAS
HDO 81	12X8X100 A	-	M6X20	M10X25	126.6X3.53	1/4" GAS	M10X25	M5X8	74X3.1X0.82	1/8" GAS
HDO 91	14X9X100 A	M6X16	-	-	126.6X3.53	1/4" GAS	M10X25	M5X8	74X3.1X0.82	1/8" GAS
HDO 95	14X9X100 A	M6X16	-	-	126.6X3.53	1/4" GAS	M10X25	M5X8	74X3.1X0.82	1/8" GAS

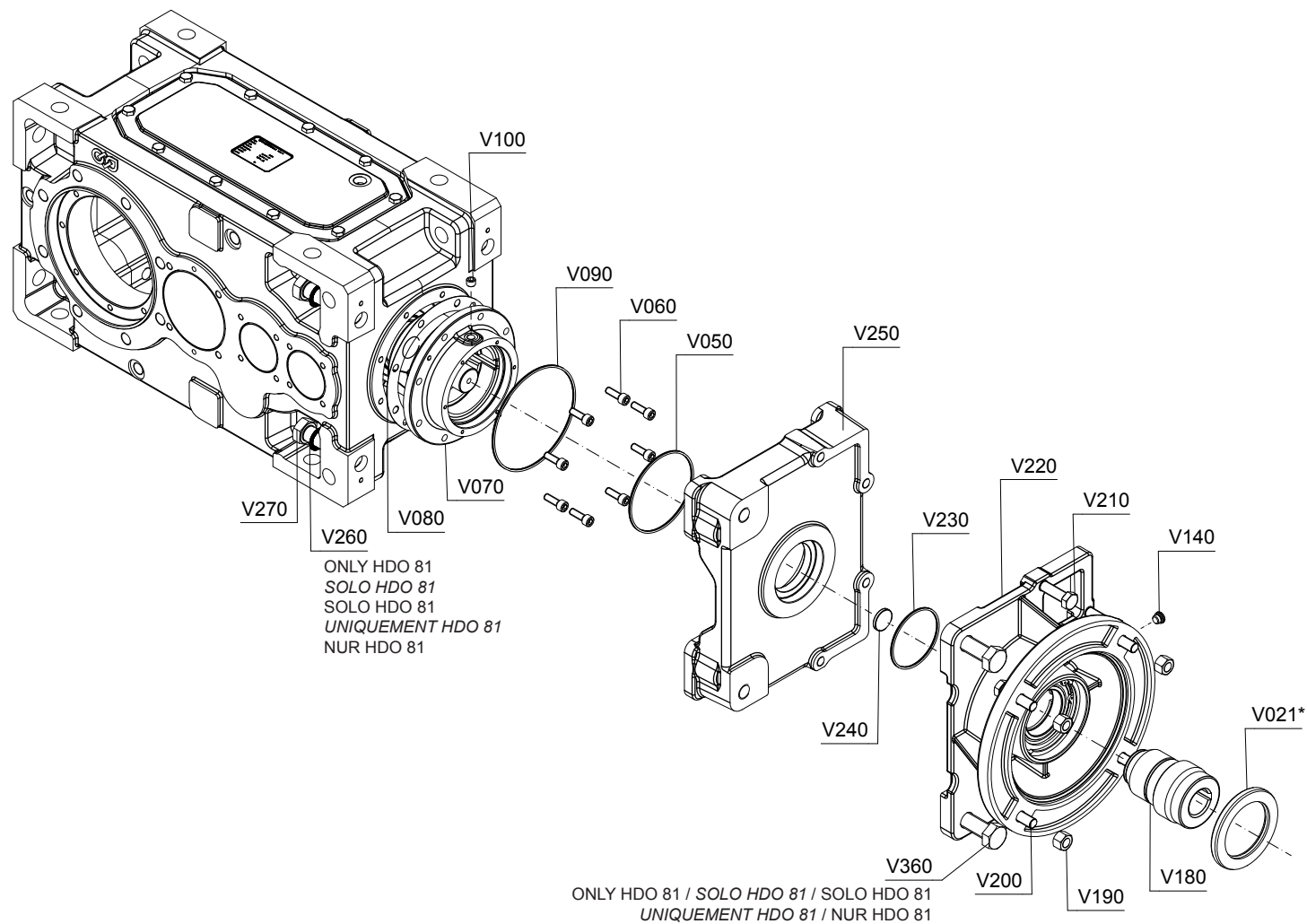
HDO 71 ... 95

NOTE: V020* Refer page no: 283 / NOTA: V020* Vedere pagina n°: 283 / NOTAS: V020* Consultar página n.º: 283 / NOTE : V020* Se référer à la page n° : 283 / HINWEIS: V020* Siehe Seite: 283

NOTE: V290* Refer page no: 284 / NOTA: V290* Vedere pagina n°: 284 / NOTAS: V290* Consultar página n.º: 284 / NOTE : V290* Se référer à la page n° : 284 / HINWEIS: V290* Siehe Seite: 284

HDO 71 ... HDO 95

Size / Taglia / Tamaño Taille / Größe	71 & 81
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	3 & 4
Type / Tipo / Tipo Type / Typ	AD
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-R-D
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Option / Opzione / Opción Option / Option	132/160/180





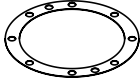


HDO 71 ... 95




HDO 71 ... HDO 95

Pos	Description	Descrizione	Descripción	Description	Beschreibung
V021*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V050	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V060	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V070	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V080	SHIMS	SPESSORE	ESPESOR	CALE	BELAG
V090	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V100	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V140	FILL.DRAIN PLUG	TAPPO CAR/SCARICO	TAPON CARGA	FILL.DRAIN PLUG	OLSTOPFEN
V180	COUPLING	GIUNTO COMPLETO	ACOPL.COMPLETO	JOINT COMPLET	KOMPL.KUPPLUNG
V190	LARGE NUT	DADO ALTO	TUERCA	ECROU HAUT	HOCHMUTTER
V200	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V210	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V220	MOTOR FLANGE	FLANGIA PAM	BRIDA ACOP.MOT	BRIDE MOTEUR	MOTORFLANSCH
V230	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-R DICHTUNG
V240	RUBBER CAP	CAPPEL GOMMA	SOMBRETT./GOMA	CAP.CAOUTCHOUC	GUMMIDECKEL
V250	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V260	KNURLED WASHER	ROSETTA ZIGRINATA	ARANDELA PLANA	RONDELLE MOLETEE	GERÄNDELTE SCHEIBE
V270	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V360	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE

NOTE: V021* Refer page no: 285 / NOTA: V021* Vedere pagina n°: 285 / NOTAS: V021* Consultar página n.º: 285 / NOTE : V021* Se référer à la page n° : 285 / HINWEIS: V021* Siehe Seite: 285

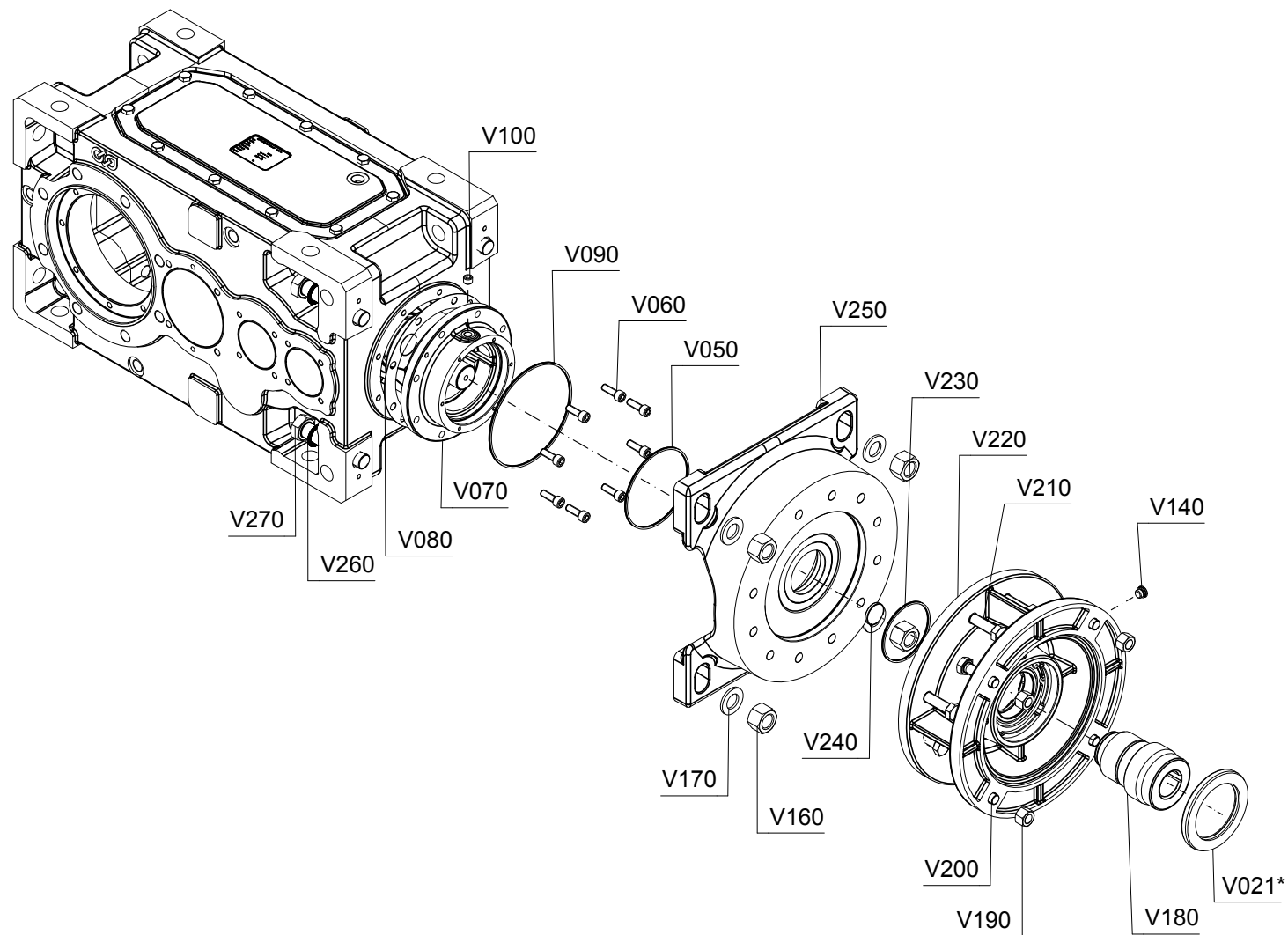
HDO 71 ... HDO 95

	 OR						
	V050	V090	V230	V060	V080	V100	V140
HDO 71	91.67X3.53	132.90X3.53	72.62X3.53	M10X30	140X179X1.2	1/4" GAS	1/4" GAS
HDO 81	126.6X3.53	164.69X3.53	91.67X3.53	M10X30	172X219X1.2	1/4" GAS	1/4" GAS

								
	V190		V200		V210	V270	V360	V260
	160-180	132	160-180	V340				
HDO 71	M16	M12X50	M16X60	-	M16X40	M18X50	-	-
HDO 81	M16	-	M16X60	M10X25	M16X50	M24X100	M24X60	D 25.6

HDO 71 ... HDO 95

Size / Taglia / Tamaño Taille / Größe	91 & 95
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	3 & 4
Type / Tipo / Tipo Type / Typ	AD
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-R-D
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Option / Opzione / Opción Option / Option	132/160/180





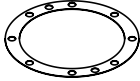


HDO 71 ... 95





HDO 71 ... HDO 95

Pos	Description	Descrizione	Descripción	Description	Beschreibung
V021*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V050	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V060	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V070	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V080	SHIMS	SPESSORE	ESPEJOR	CALE	BELAG
V090	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V100	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V140	FILL.DRAIN PLUG	TAPPO CAR/SCARICO	TAPON CARGA	FILL.DRAIN PLUG	OLSTOPFEN
V160	LARGE NUT	DADO ALTO	TUERCA	ECROU HAUT	HOCHMUTTER
V170	WASHER	RONDELLA PIANA	ARANDELA PLANA	RONDELLE PLATE	FLACHSCHEIBE
V180	COUPLING	GIUNTO COMPLETO	ACOPL.COMPLETO	JOINT COMPLET	KOMPL.KUPPLUNG
V190	LARGE NUT	DADO ALTO	TUERCA	ECROU HAUT	HOCHMUTTER
V200	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V210	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V220	MOTOR FLANGE	FLANGIA PAM	BRIDA ACOP.MOT	BRIDE MOTEUR	MOTORFLANSCH
V230	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-R DICHTUNG
V240	RUBBER CAP	CAPPEL GOMMA	SOMBRE./GOMA	CAP.CAOUTCHOUC	GUMMIDECKEL
V250	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V260	KNURLED WASHER	ROSETTA ZIGRINATA	ARANDELA PLANA	RONDELLE MOLETEE	GERÄNDELTE SCHEIBE
V270	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE

NOTE: V021* Refer page no: 285 / NOTA: V021* Vedere pagina n°: 285 / NOTAS: V021* Consultar página n.º: 285 / NOTE : V021* Se référer à la page n° : 285 / HINWEIS: V021* Siehe Seite: 285

HDO 71 ... HDO 95

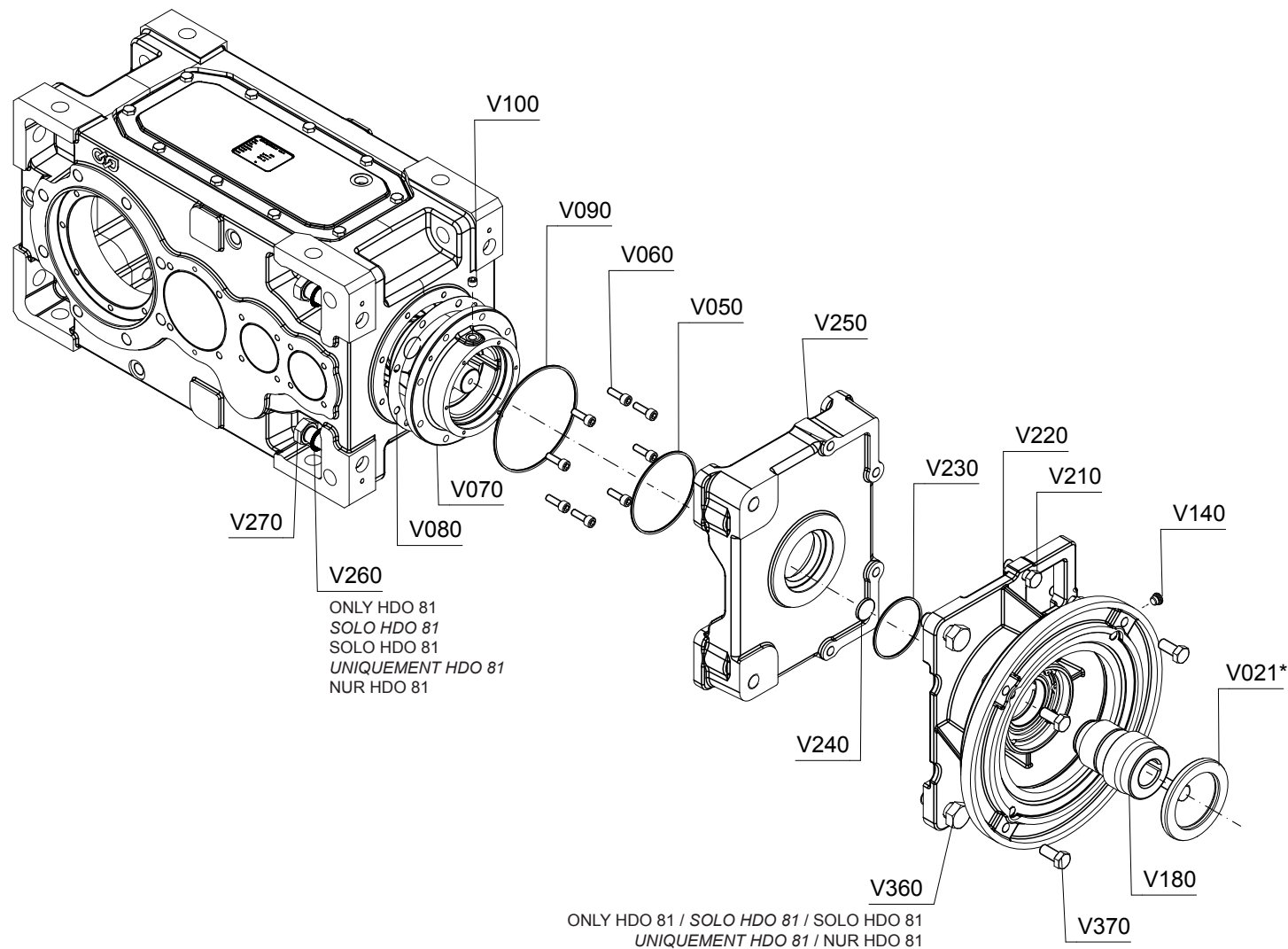
	 OR						
	V050	V090	V230	V060	V080	V100	V140
HDO 91	126.6X3.53	158.3X3.53	202.79X3.53	M12X40	165X214X1.6	1/4" GAS	1/4" GAS
HDO 95	126.6X3.53	158.3X3.53	202.79X3.53	M12X40	165X214X1.6	1/4" GAS	1/4" GAS

									
	V170	V160	V190		V210	V270	V260		
			132	160-180				132	160-180
HDO 91	D.25	M24	-	M16	-	M16X60	M16X50	M24X100	D 25.6
HDO 95	D.25	M24	-	M16	-	M16X60	M16X50	M24X120	D 25.6

HDO 71 ... 95

HDO 71 ... HDO 95

Size / Taglia / Tamaño Taille / Größe	71 & 81
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	3 & 4
Type / Tipo / Tipo Type / Typ	AD
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-R-D
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Option / Opzione / Opción Option / Option	200





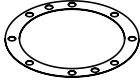


HDO 71 ... 95



HDO 71 ... HDO 95

Pos	Description	Descrizione	Descripción	Description	Beschreibung
V021*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V050	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V060	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V070	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V080	SHIMS	SPESSORE	ESPEJOR	CALE	BELAG
V090	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V100	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V140	FILL.DRAIN PLUG	TAPPO CAR/SCARICO	TAPON CARGA	FILL.DRAIN PLUG	OLSTOPFEN
V180	COUPLING	GIUNTO COMPLETO	ACOPL.COMPLETO	JOINT COMPLET	KOMPL.KUPPLUNG
V210	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V220	MOTOR FLANGE	FLANGIA PAM	BRIDA ACOP.MOT	BRIDE MOTEUR	MOTORFLANSCH
V230	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-R DICHTUNG
V240	RUBBER CAP	CAPPEL GOMMA	SOMBRETT./GOMA	CAP.CAOUTCHOUC	GUMMIDECKEL
V250	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V260	KNURLED WASHER	ROSETTA ZIGRINATA	ARANDELA PLANA	RONDELLE MOLETEE	GERÄNDELTE SCHEIBE
V270	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V360	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V370	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE

NOTE: V021* Refer page no: 285 / NOTA: V021* Vedere pagina n°: 285 / NOTAS: V021* Consultar página n.º: 285 / NOTE : V021* Se référer à la page n° : 285 / HINWEIS: V021* Siehe Seite: 285

HDO 71 ... HDO 95

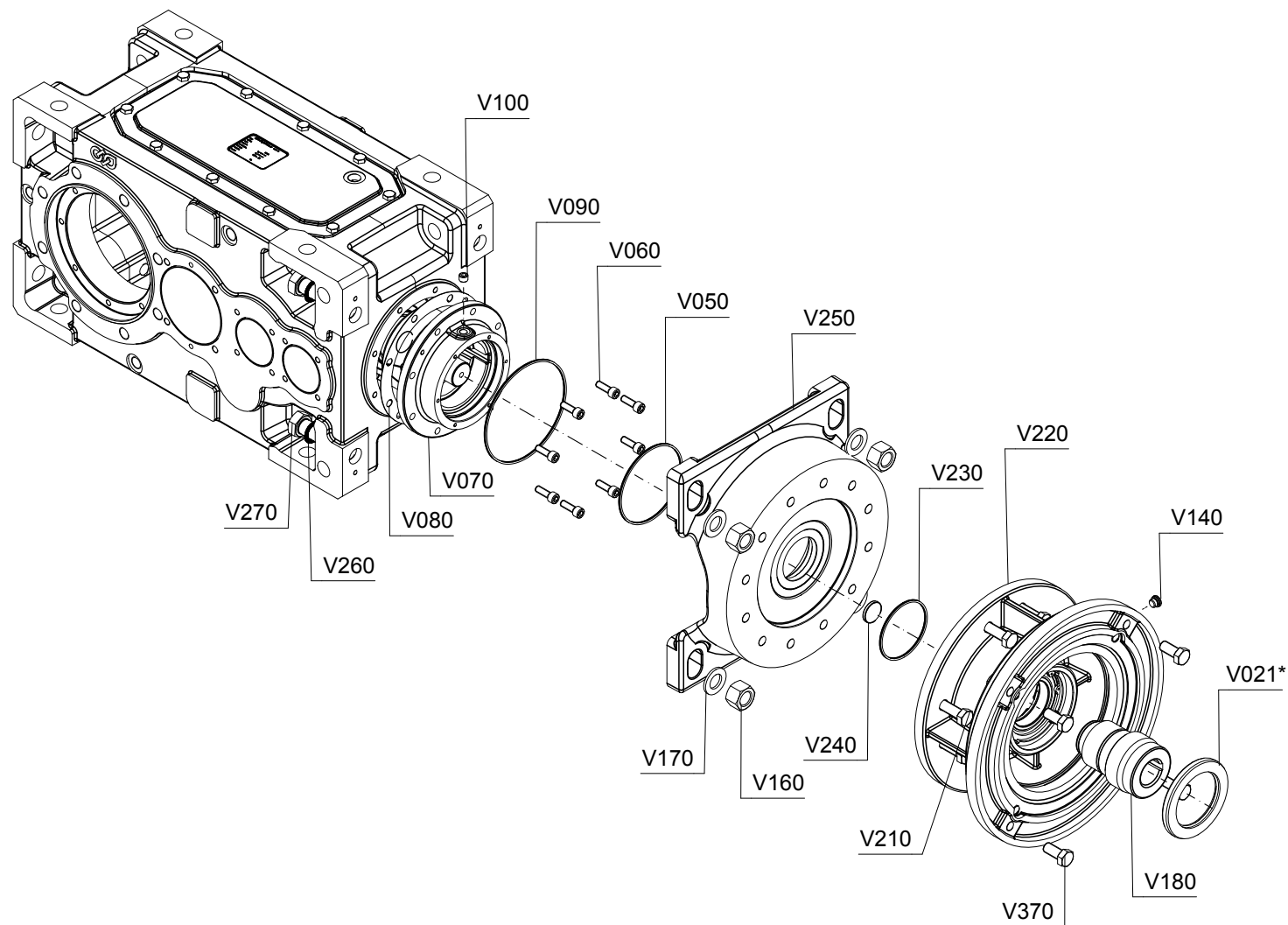
	 OR						
	V050	V090	V230	V060	V080	V100	V140
HDO 71	91.67X3.53	132.90X3.53	72.62X3.53	M10X30	140X179X1.2	1/4" GAS	1/4" GAS
HDO 81	126.6X3.53	164.69X3.53	91.67X3.53	M10X30	172X219X1.2	1/4" GAS	1/4" GAS

					
	V210	V270	V360	V370	V260
HDO 71	M16X40	M18X50	-	M16X35	-
HDO 81	M16X50	M24X100	M24X60	M16X35	D 25.6

HDO 71 ... 95

HDO 71 ... HDO 95

Size / Taglia / Tamaño Taille / Größe	91 & 95
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	3 & 4
Type / Tipo / Tipo Type / Typ	AD
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-R-D
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Option / Opzione / Opción Option / Option	200





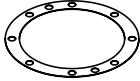


HDO 71 ... 95





HDO 71 ... HDO 95

Pos	Description	Descrizione	Descripción	Description	Beschreibung
V021*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V050	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V060	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V070	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V080	SHIMS	SPESSORE	ESPEJOR	CALE	BELAG
V090	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V100	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V140	FILL.DRAIN PLUG	TAPPO CAR/SCARICO	TAPON CARGA	FILL.DRAIN PLUG	OLSTOPFEN
V160	LARGE NUT	DADO ALTO	TUERCA	ECROU HAUT	HOCHMUTTER
V170	WASHER	RONDELLA PIANA	ARANDELA PLANA	RONDELLE PLATE	FLACHSCHEIBE
V180	COUPLING	GIUNTO COMPLETO	ACOPL.COMPLETO	JOINT COMPLET	KOMPL.KUPPLUNG
V210	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V220	MOTOR FLANGE	FLANGIA PAM	BRIDA ACOP.MOT	BRIDE MOTEUR	MOTORFLANSCH
V230	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-R DICHTUNG
V240	RUBBER CAP	CAPPEL GOMMA	SOMBRETT./GOMA	CAP.CAOUTCHOUC	GUMMIDECKEL
V250	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V260	KNURLED WASHER	ROSETTA ZIGRINATA	ARANDELA PLANA	RONDELLE MOLETEE	GERÄNDELTE SCHEIBE
V270	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V370	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE

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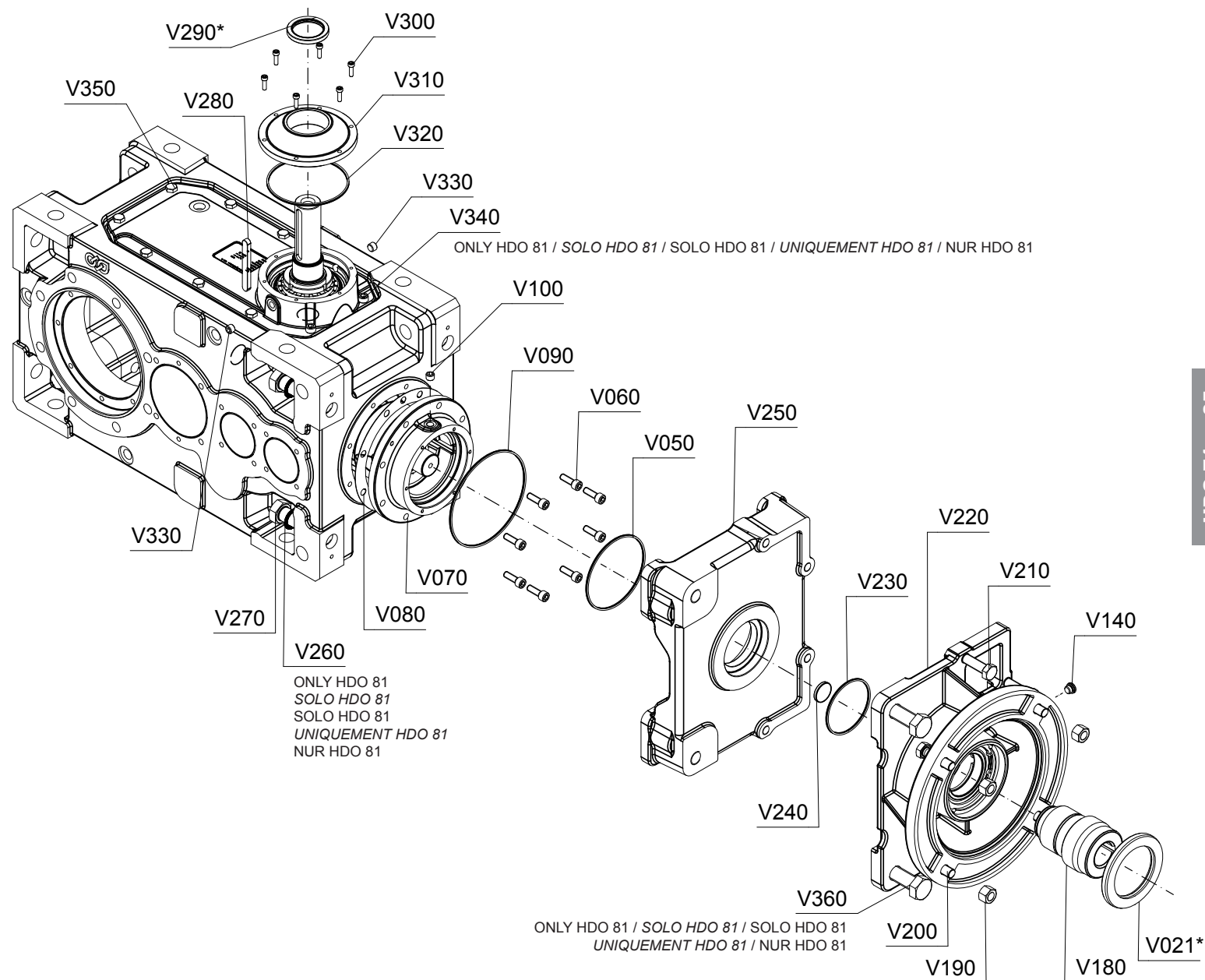
HDO 71 ... HDO 95

	 OR						
	V050	V090	V230	V060	V080	V100	V140
HDO 91	126.6X3.53	158.3X3.53	202.79X3.53	M12X40	165X214X1.6	1/4" GAS	1/4" GAS
HDO 95	126.6X3.53	158.3X3.53	202.79X3.53	M12X40	165X214X1.6	1/4" GAS	1/4" GAS

								
	V160	V170	V210	V270	V370	V260	V270	V260
HDO 91	M24	D.25	M16X50	M24X100	M16X35	D 25.6	M24X100	D 25.6
HDO 95	M24	D.25	M16X50	M24X120	M16X35	D 25.6	M24X120	D 25.6

HDO 71 ... HDO 95

Size / Taglia / Tamaño Taille / Größe	71 & 81
Axis / Asse / Eje Axe / Achse	VJ
Stages / Stadi / Etapas Étages / Stufen	3 & 4
Type / Tipo / Tipo Type / Typ	AD
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LJ-RJ-DJ
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Option / Opzione / Opción Option / Option	132/160/180



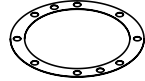






HDO 71 ... 95






HDO 71 ... HDO 95

Pos	Description	Descrizione	Descripción	Description	Beschreibung
V021*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V050	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V060	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V070	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V080	SHIMS	SPESSORE	ESPEJOR	CALE	BELAG
V090	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V100	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V140	FILL.DRAIN PLUG	TAPPO CAR/SCARICO	TAPON CARGA	FILL.DRAIN PLUG	OLSTOPFEN
V180	COUPLING	GIUNTO COMPLETO	ACOPL.COMPLETO	JOINT COMPLET	KOMPL.KUPPLUNG
V190	LARGE NUT	DADO ALTO	TUERCA	ECROU HAUT	HOCHMUTTER
V200	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V210	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V220	MOTOR FLANGE	FLANGIA PAM	BRIDA ACOP.MOT	BRIDE MOTEUR	MOTORFLANSCH
V230	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-R DICHTUNG
V240	RUBBER CAP	CAPPEL GOMMA	SOMBRE./GOMA	CAP.CAOUTCHOUC	GUMMIDECKEL
V250	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V260	KNURLED WASHER	ROSETTA ZIGRINATA	ARANDELA PLANA	RONDELLE MOLETEE	GERÄNDELTE SCHEIBE
V270	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V280	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V290*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V300	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V300	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V310	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V320	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V330	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V340	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V350	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE

HDO 71 ... HDO 95

	 OR								
	V050	V090	V230	V320	V060	V080	V100	V330	V140
HDO 71	91.67X3.53	132.90X3.53	72.62X3.53	91.67X3.53	M10X30	140X179X1.2	1/4" GAS	1/4" GAS	1/4" GAS
HDO 81	126.6X3.53	164.69X3.53	91.67X3.53	126.6X3.53	M10X30	172X219X1.2	1/4" GAS	1/4" GAS	1/4" GAS

								
	V190		V200		V210	V270	V360	V350
	132	160-180	132	160-180				
HDO 71	M12	M16	M12X50	M16X60	M16X40	M18X50	-	M10X25
HDO 81	-	M16	-	M16X60	M16X50	M24X100	M24X60	M10X25

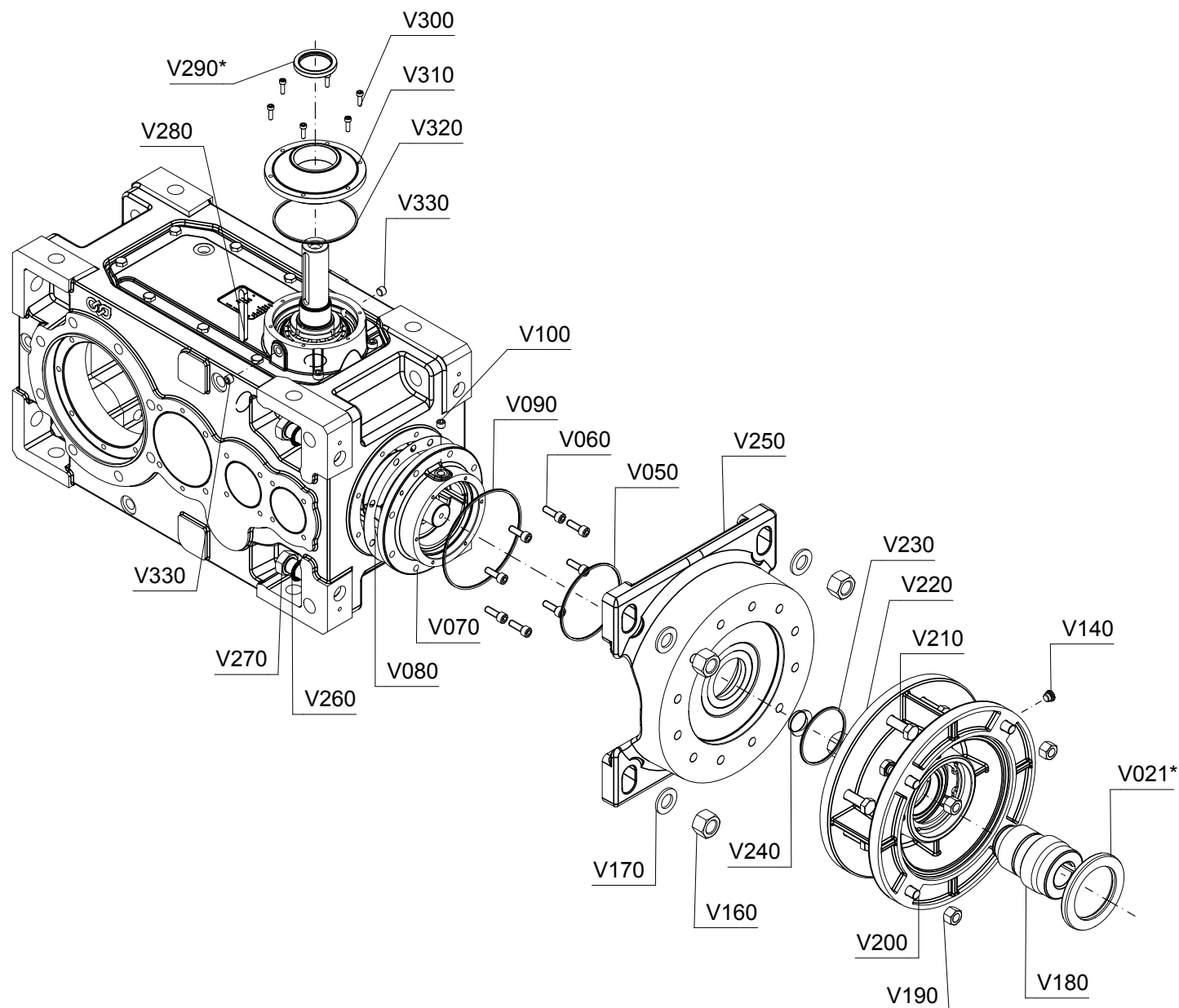
					
	V280	V300		V340	V350
HDO 71	12X8X100 A	M6X18	-	-	-
HDO 81	12X8X100 A	M6X20	M6X20	M10X25	D 25.6

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NOTE: V290* Refer page no: 284 / NOTA: V290* Vedere pagina n°: 284 / NOTAS: V290* Consultar página n.º: 284 / NOTE : V290* Se référer à la page n° : 284 / HINWEIS: V290* Siehe Seite: 284

HDO 71 ... HDO 95

Size / Taglia / Tamaño Taille / Größe	91 & 95
Axis / Asse / Eje Axe / Achse	VJ
Stages / Stadi / Etapas Étages / Stufen	3 & 4
Type / Tipo / Tipo Type / Typ	AD
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LJ-RJ-DJ
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Option / Opzione / Opción Option / Option	132/160/180





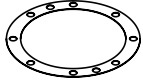
HDO 71 ... HDO 95





Pos	Description	Descrizione	Descripción	Description	Beschreibung
V021*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V050	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V060	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V070	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V080	SHIMS	SPESSORE	ESPEJOR	CALE	BELAG
V090	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V100	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V140	FILL.DRAIN PLUG	TAPPO CAR/SCARICO	TAPON CARGA	FILL.DRAIN PLUG	OLSTOPFEN
V160	LARGE NUT	DADO ALTO	TUERCA	ECROU HAUT	HOCHMUTTER
V170	WASHER	RONDELLA PIANA	ARANDELA PLANA	RONDELLE PLATE	FLACHSCHEIBE
V180	COUPLING	GIUNTO COMPLETO	ACOPL.COMPLETO	JOINT COMPLET	KOMPL.KUPPLUNG
V190	LARGE NUT	DADO ALTO	TUERCA	ECROU HAUT	HOCHMUTTER
V200	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V210	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V220	MOTOR FLANGE	FLANGIA PAM	BRIDA ACOP.MOT	BRIDE MOTEUR	MOTORFLANSCH
V230	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-R DICHTUNG
V240	RUBBER CAP	CAPPEL GOMMA	SOMBRE./GOMA	CAP.CAOUTCHOUC	GUMMIDECKEL
V250	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V260	KNURLED WASHER	ROSETTA ZIGRINATA	ARANDELA PLANA	RONDELLE MOLETEE	GERÄNDELTE SCHEIBE
V270	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V280	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V290*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V300	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V310	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V320	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V330	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN




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NOTE: V290* Refer page no: 284 / NOTA: V290* Vedere pagina n°: 284 / NOTAS: V290* Consultar página n.º: 284 / NOTE : V290* Se référer à la page n° : 284 / HINWEIS: V290* Siehe Seite: 284

HDO 71 ... HDO 95

	 OR						
	V050	V090	V230	V320	V060	V300	V080
HDO 91	126.6X3.53	158.3X3.53	202.79X3.53	126.6X3.53	M12X40	M6X16	165X214X1.6
HDO 95	126.6X3.53	158.3X3.53	202.79X3.53	126.6X3.53	M12X40	M6X16	165X214X1.6

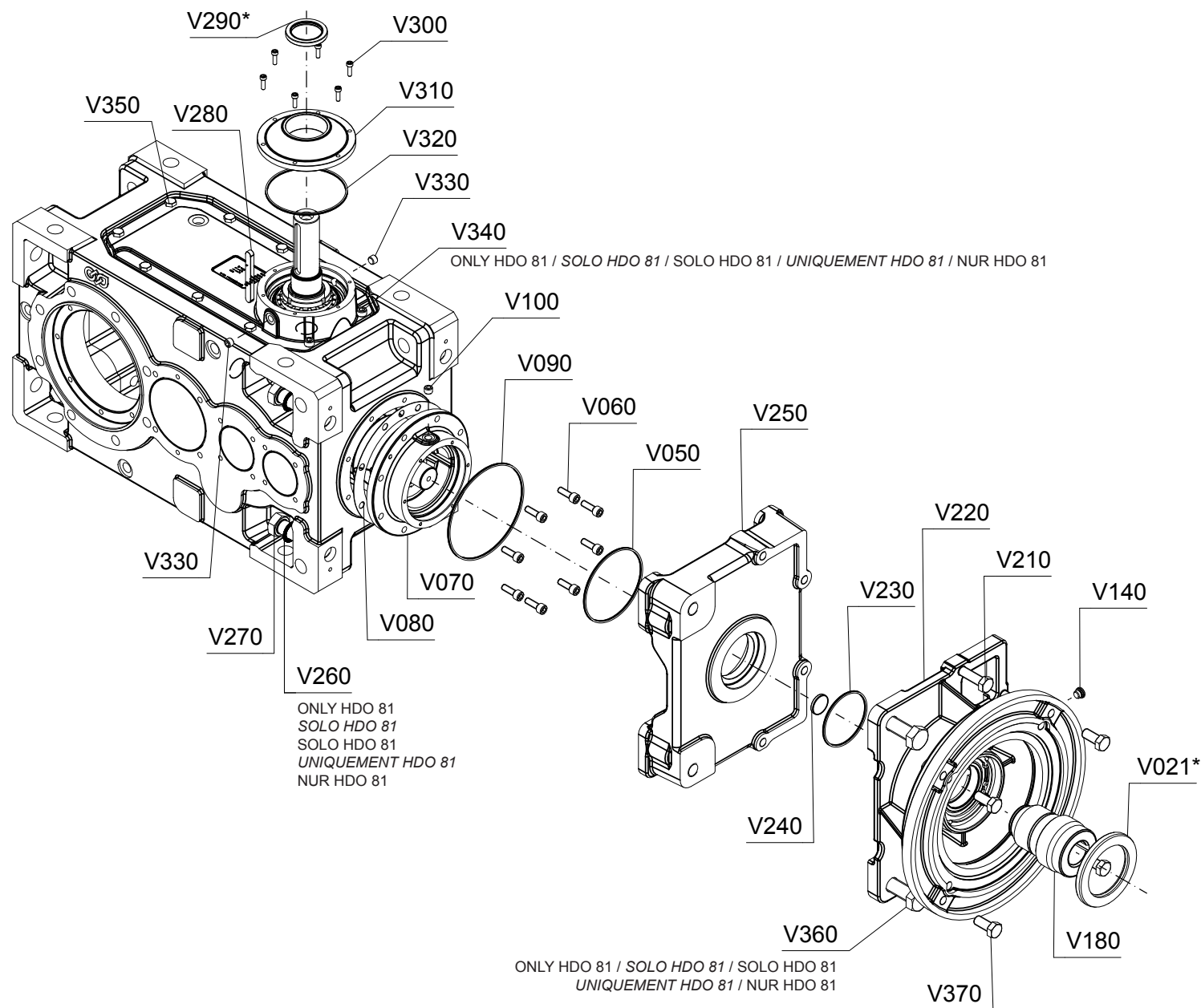
									
	V160	V190		V170	V200		V210	V270	V260
		132	160-180		132	160-180			
HDO 91	M24	-	M16	D.25	-	16X60	M16X50	M24X100	D 25.6
HDO 95	M24	-	M16	D.25	-	16X60	M16X50	M24X120	D 25.6

				
	V280	V100	V330	V140
HDO 91	14X9X100 A	1/4" GAS	1/4" GAS	1/4" GAS
HDO 95	14X9X100 A	1/4" GAS	1/4" GAS	1/4" GAS

HDO 71 ... 95

HDO 71 ... HDO 95

Size / Taglia / Tamaño Taille / Größe	71 & 81
Axis / Asse / Eje Axe / Achse	VJ
Stages / Stadi / Etapas Étages / Stufen	3 & 4
Type / Tipo / Tipo Type / Typ	AD
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LJ-RJ-DJ
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Option / Opzione / Opción Option / Option	200

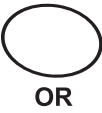

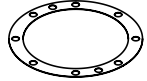




HDO 71 ... 95







HDO 71 ... HDO 95

Pos	Description	Descrizione	Descripción	Description	Beschreibung
V021*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V050	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V060	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V070	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V080	SHIMS	SPESSORE	ESPEJOR	CALE	BELAG
V090	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V100	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V140	FILL.DRAIN PLUG	TAPPO CAR/SCARICO	TAPON CARGA	FILL.DRAIN PLUG	OLSTOPFEN
V180	COUPLING	GIUNTO COMPLETO	ACOPL.COMPLETO	JOINT COMPLET	KOMPL.KUPPLUNG
V210	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V220	MOTOR FLANGE	FLANGIA PAM	BRIDA ACOP.MOT	BRIDE MOTEUR	MOTORFLANSCH
V230	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V240	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-R DICHTUNG
V250	RUBBER CAP	CAPPEL GOMMA	SOMBRE./GOMA	CAP.CAOUTCHOUC	GUMMIDECKEL
V260	KNURLED WASHER	ROSETTA ZIGRINATA	ARANDELA PLANA	RONDELLE MOLETEE	GERÄNDELTE SCHEIBE
V270	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V280	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V290*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V300	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V310	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V320	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V330	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V340	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V350	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V360	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V370	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V380	MOTOR FLANGE	FLANGIA PAM	BRIDA ACOP.MOT	BRIDE MOTEUR	MOTORFLANSCH
V390	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE

HDO 71 ... HDO 95

	 OR						
	V050	V090	V230	V320	V060	V080	V140
HDO 71	91.67X3.53	132.90X3.53	72.62X3.53	91.67X3.53	M10X30	140X179X1.2	1/4" GAS
HDO 81	126.6X3.53	164.69X3.53	91.67X3.53	126.6X3.53	M10X30	172X219X1.2	1/4" GAS

						
	V210	V270	V360	V370	V390	V350
HDO 71	M16X40	M18X50	-	M16X35	M16X40	M10X25
HDO 81	M16X50	M24X100	M24X60	M16X35	M16X40	M10X25

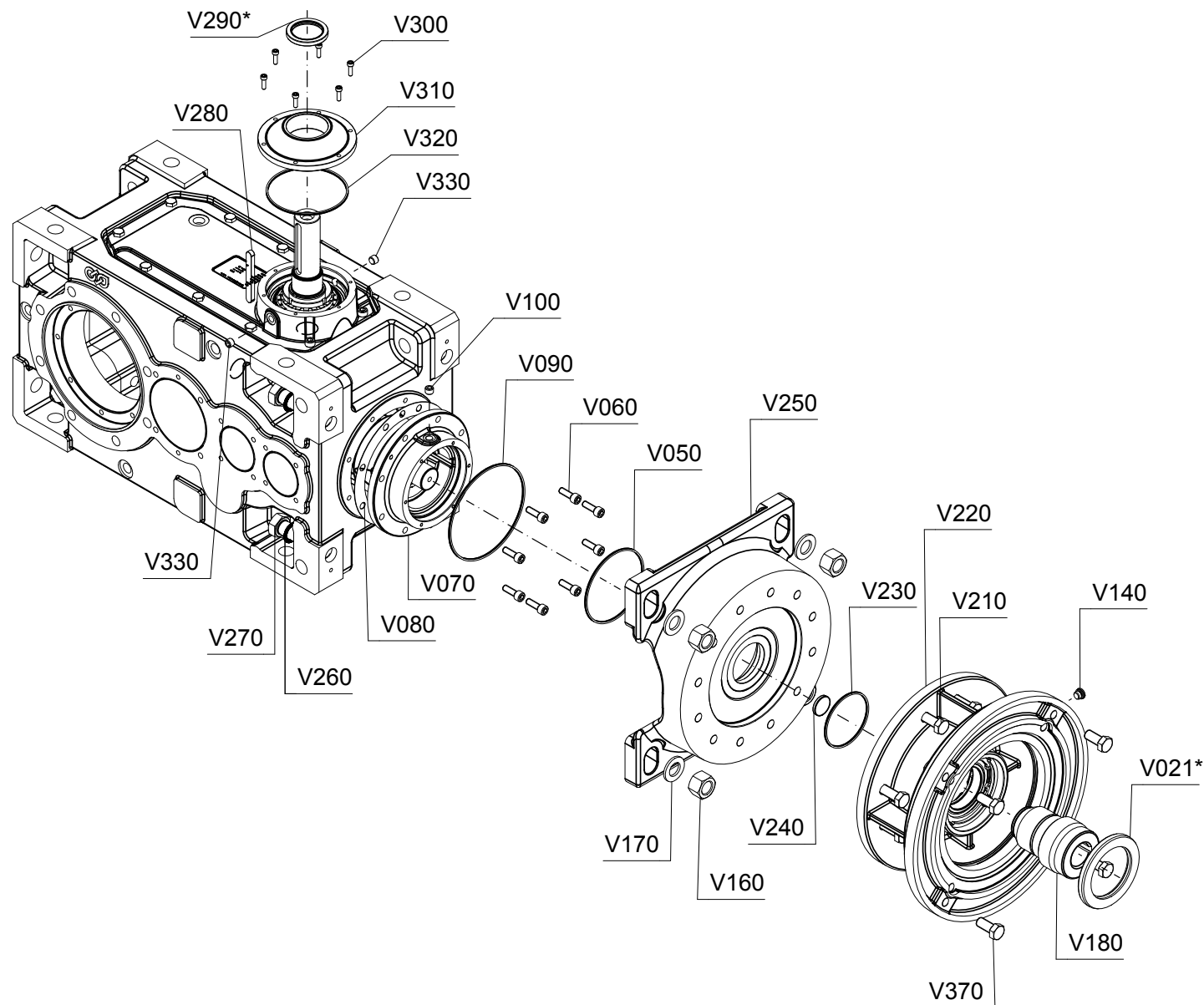
							
	V280	V300		V340	V100	V330	V260
HDO 71	12X8X100 A	M6X18	-	-	1/4" GAS	1/4" GAS	-
HDO 81	12X8X100 A	M6X20	M6X20	M10X25	1/4" GAS	1/4" GAS	D 25.6

NOTE: V021* Refer page no: 285 / NOTA: V021* Vedere pagina n°: 285 / NOTAS: V021* Consultar página n.º: 285 / NOTE : V021* Se référer à la page n° : 285 / HINWEIS: V021* Siehe Seite: 285

NOTE: V290* Refer page no: 284 / NOTA: V290* Vedere pagina n°: 284 / NOTAS: V290* Consultar página n.º: 284 / NOTE : V290* Se référer à la page n° : 284 / HINWEIS: V290* Siehe Seite: 284

HDO 71 ... HDO 95

Size / Taglia / Tamaño Taille / Größe	91 & 95
Axis / Asse / Eje Axe / Achse	VJ
Stages / Stadi / Etapas Étages / Stufen	3 & 4
Type / Tipo / Tipo Type / Typ	AD
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LJ-RJ-DJ
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Option / Opzione / Opción Option / Option	200



HDO 71 ... 95



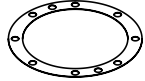
HDO 71 ... HDO 95




Pos	Description	Descrizione	Descripción	Description	Beschreibung
V021*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V050	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V060	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V070	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V080	SHIMS	SPESSORE	ESPEJOR	CALE	BELAG
V090	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V100	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V140	FILL.DRAIN PLUG	TAPPO CAR/SCARICO	TAPON CARGA	FILL.DRAIN PLUG	OLSTOPFEN
V160	LARGE NUT	DADO ALTO	TUERCA	ECROU HAUT	HOCHMUTTER
V170	WASHER	RONDELLA PIANA	ARANDELA PLANA	RONDELLE PLATE	FLACHSCHEIBE
V180	COUPLING	GIUNTO COMPLETO	ACOPL.COMPLETO	JOINT COMPLET	KOMPL.KUPPLUNG
V210	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V220	MOTOR FLANGE	FLANGIA PAM	BRIDA ACOP.MOT	BRIDE MOTEUR	MOTORFLANSCH
V230	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-R DICHTUNG
V240	RUBBER CAP	CAPPEL GOMMA	SOMBRETT./GOMA	CAP.CAOUTCHOUC	GUMMIDECKEL
V250	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V260	KNURLED WASHER	ROSETTA ZIGRINATA	ARANDELA PLANA	RONDELLE MOLETEE	GERÄNDELTE SCHEIBE
V270	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V280	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V290*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V300	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V310	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V320	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V330	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V370	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE





NOTE: V021* Refer page no: 285 / NOTA: V021* Vedere pagina n°: 285 / NOTAS: V021* Consultar página n.º: 285 / NOTE : V021* Se référer à la page n° : 285 / HINWEIS: V021* Siehe Seite: 285

NOTE: V290* Refer page no: 284 / NOTA: V290* Vedere pagina n°: 284 / NOTAS: V290* Consultar página n.º: 284 / NOTE : V290* Se référer à la page n° : 284 / HINWEIS: V290* Siehe Seite: 284

HDO 71 ... HDO 95

	 OR						
	V050	V090	V230	V320	V060	V300	V080
HDO 91	126.6X3.53	158.3X3.53	202.79X3.53	126.6X3.53	M12X40	M6X16	165X214X1.6
HDO 95	126.6X3.53	158.3X3.53	202.79X3.53	126.6X3.53	M12X40	M6X16	165X214X1.6

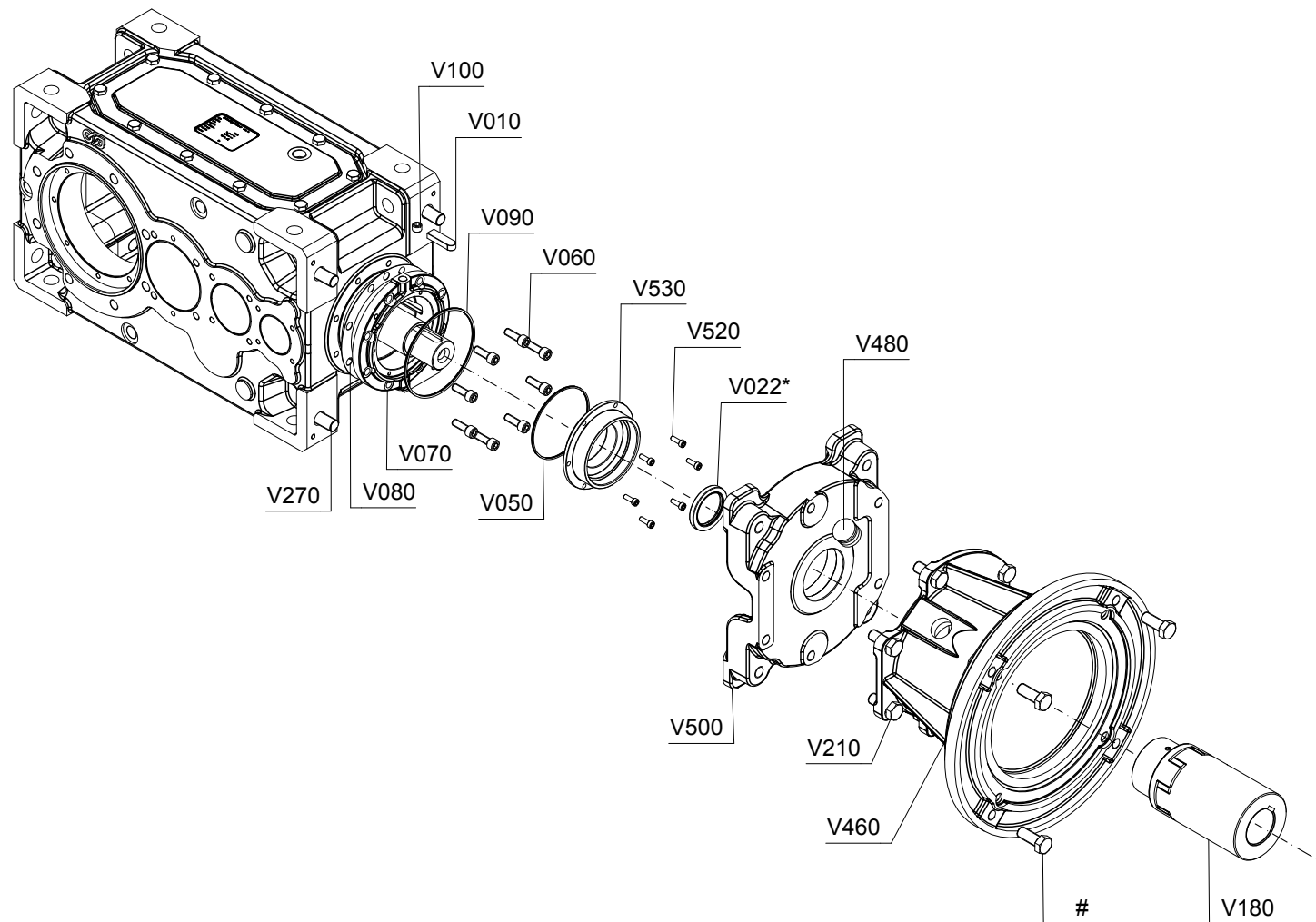
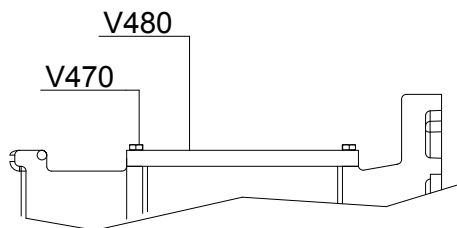
						
	V160	V170	V210	V270	V370	V390
HDO 91	M24	D.25	M16X50	M24X100	M16X35	M16X40
HDO 95	M24	D.25	M16X50	M24X120	M16X35	M16X40

					
	V280	V100	V330	V140	V260
HDO 91	14X9X100 A	1/4" GAS	1/4" GAS	1/4" GAS	D 25.6
HDO 95	14X9X100 A	1/4" GAS	1/4" GAS	1/4" GAS	D 25.6

HDO 71 ... HDO 95

Size / Taglia / Tamaño Taille / Größe	71
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2
Type / Tipo / Tipo Type / Typ	G
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-R-D
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Option / Opzione / Opción Option / Option	P-200/225



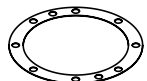



P 225



NOTE: (#) Refer page no: 289 / NOTA: (#) Vedere pagina n°: 289 / NOTAS: (#) Consultar página n.º: 289 / NOTE: (#) Se référer à la page n° : 289 / HINWEIS: (#) Siehe Seite: 289

HDO 71 ... HDO 95

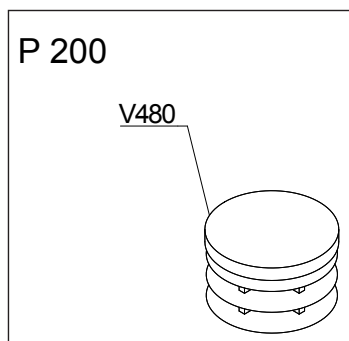
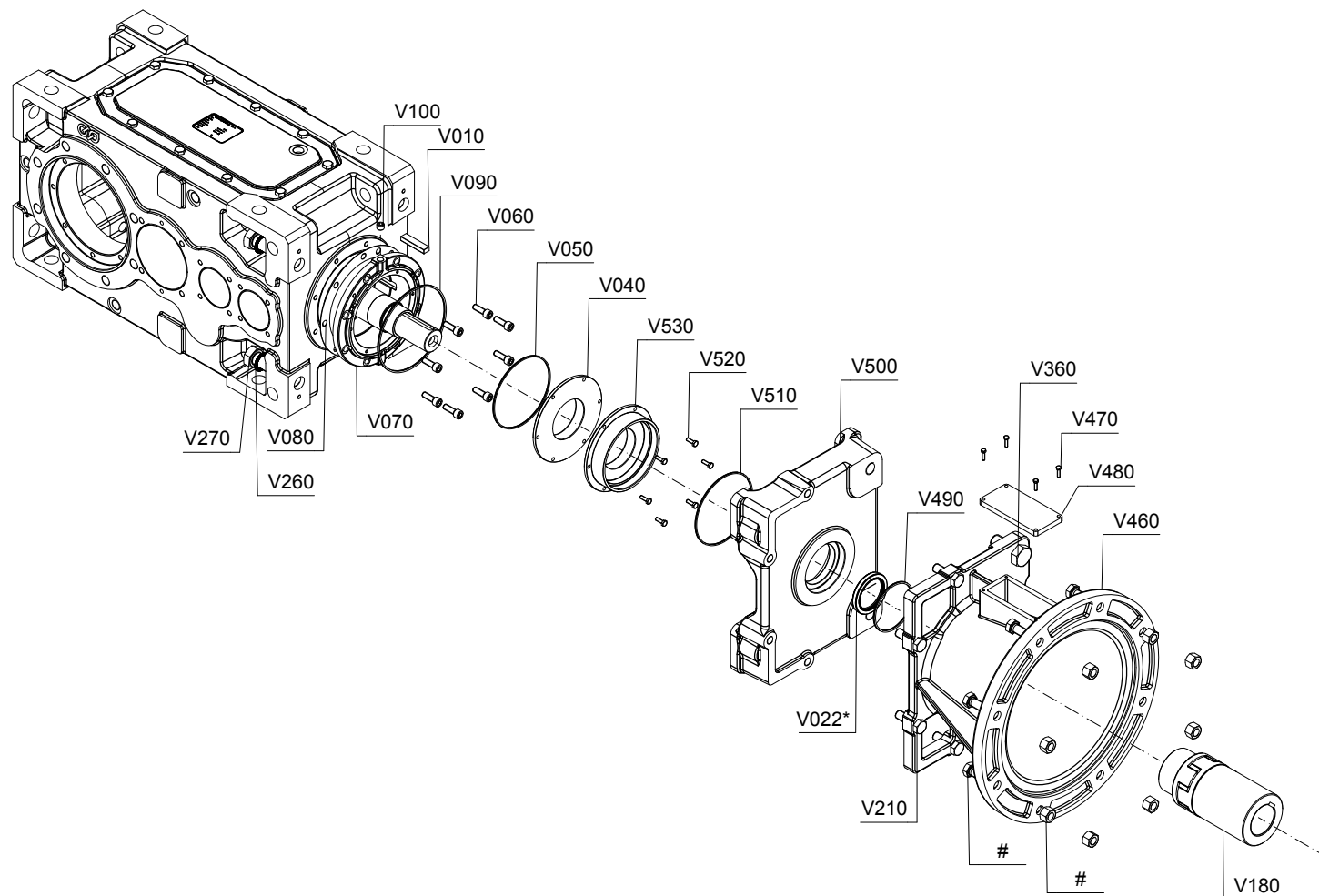
Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V022*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V050	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V060	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V070	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V080	SHIMS	SPESSORE	ESPEJOR	CALE	BELAG
V090	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V100	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V180	COUPLING	GIUNTO COMPLETO	ACOPL.COMPLETO	JOINT COMPLET	KOMPL.KUPPLUNG
V210	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V270	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V460	MOTOR BELL	CAMPANA PAM	CAMPANA	CLOCHE	MOTORGLOCKE
V480	PLASTIC OIL PLUG	TAPPO PLASTICA	TAPON DE PLASTICO	BOUCHON PLASTIQUE	PLASTICK-STOPFEN
V500	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V520	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V530	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG

		 OR								
	V010	V050	V090	V080	V100	V060	V210	V270	V520	V470
HDO 71	14X9X48 C	107.62X2.62	132.90X3.53	140X179X1.2	1/4" GAS	M10X30	M16X40	M18X50	M6X18	M5X18

NOTE: V022* Refer page no: 285 / NOTA: V022* Vedere pagina n°: 285 / NOTAS: V022* Consultar página n.º: 285 / NOTE : V022* Se référer à la page n° : 285 / HINWEIS: V022* Siehe Seite: 285

HDO 71 ... HDO 95

Size / Taglia / Tamaño Taille / Größe	81
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2
Type / Tipo / Tipo Type / Typ	G
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-R-D
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Option / Opzione / Opción Option / Option	P-200/225 P-250/280




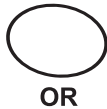
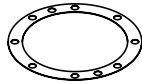


NOTE: (#) Refer page no: 289 / NOTA: (#) Vedere pagina n°: 289 / NOTAS: (#) Consultar página n.º: 289 / NOTE : (#) Se référer à la page n° : 289 / HINWEIS: (#) Siehe Seite: 289



HDO 71 ... HDO 95

Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V022*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V040	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V050	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V060	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V070	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V080	SHIMS	SPESSORE	ESPEJOR	CALE	BELAG
V090	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V100	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V180	COUPLING	GIUNTO COMPLETO	ACOPL.COMPLETO	JOINT COMPLET	KOMPL.KUPPLUNG
V210	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V260	KNURLED WASHER	ROSETTA ZIGRINATA	ARANDELA PLANA	RONDELLE MOLETEE	GERÄNDELTE SCHEIBE
V270	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V360	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V460	MOTOR BELL	CAMPANA PAM	CAMPANA	CLOCHE	MOTORGLOCKE
V470	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V480	PLAIN COVER	COPERCHIO	TAPA DE CIERRE	COUV.FERMETURE	SCHLUSSDECKEL
V480	PLASTIC OIL PLUG	TAPPO PLASTICA	TAPON DE PLASTICO	BOUCHON PLASTIQUE	PLASTICK-STOPFEN
V490	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V500	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V510	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V520	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V530	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG

NOTE: V022* Refer page no: 285 / NOTA: V022* Vedere pagina n°: 285 / NOTAS: V022* Consultar página n.º: 285 / NOTE : V022* Se référer à la page n° : 285 / HINWEIS: V022* Siehe Seite: 285

HDO 71 ... HDO 95

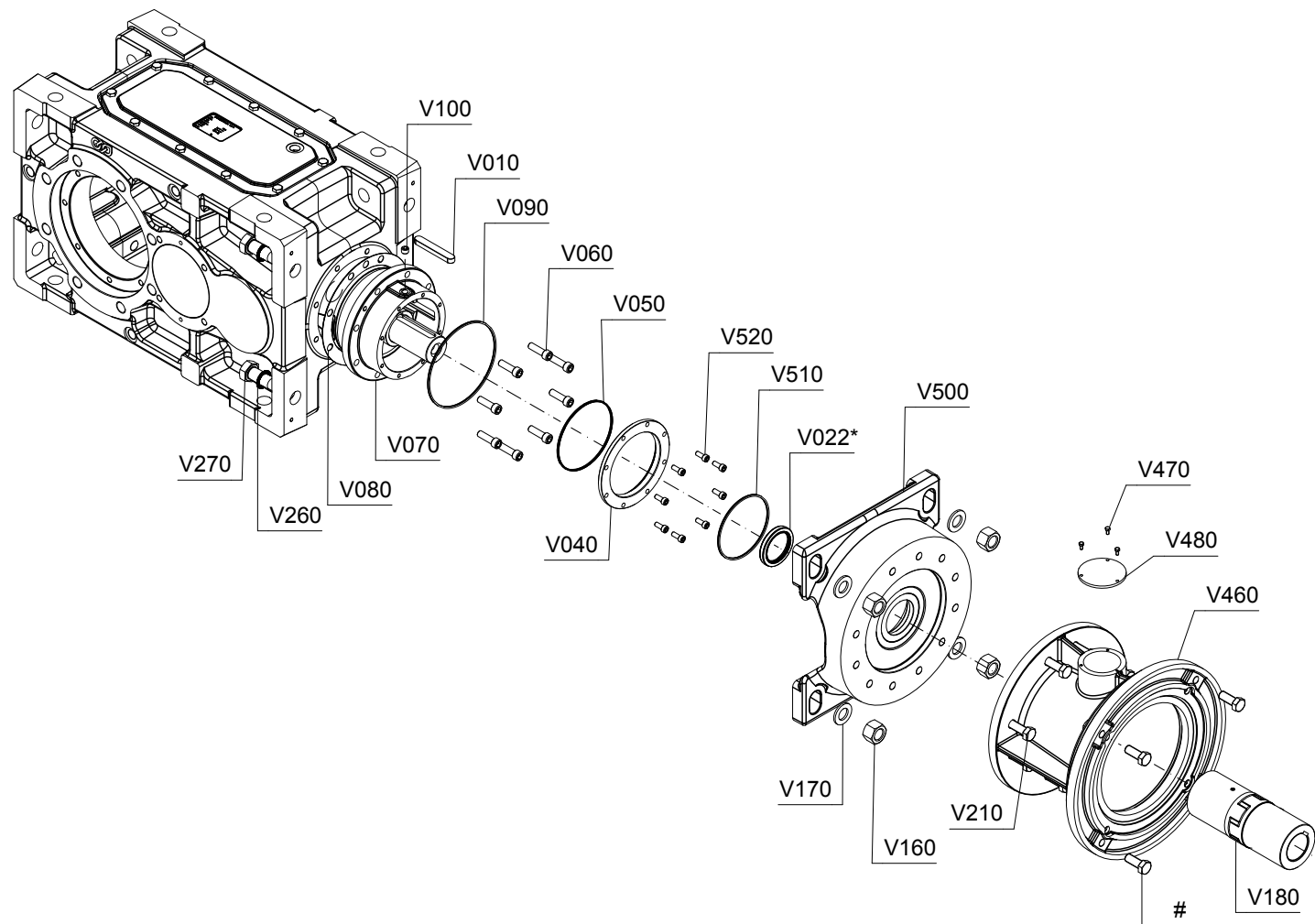
										
	V010			V050	V090	V490	V510	V080	V100	V260
	P200-225	P250	P280							
HDO 81	14X9X59	14X9X85	14X9X100	139.37X2.62	164.69X3.53	91.67X3.53	139.37X2.62	172X219X1.2	1/4" GAS	D 25.6

							
	V210	V270	V360	V470		V060	V520
				P200	P225-250-280		
HDO 81	16X50	M24X100	M24X60	-	M5X18	M10X30	M6X18

HDO 71 ... 95

HDO 71 ... HDO 95

Size / Taglia / Tamaño Taille / Größe	91
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2
Type / Tipo / Tipo Type / Typ	G
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-R-D
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Option / Opzione / Opción Option / Option	P-200/225 P-250/280






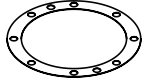

NOTE: (#) Refer page no: 289 / NOTA: (#) Vedere pagina n°: 289 / NOTAS: (#) Consultar página n.º: 289 / NOTE: (#) Se référer à la page n°: 289 / HINWEIS: (#) Siehe Seite: 289





HDO 71 ... HDO 95

Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V022*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V040	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V050	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V060	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V070	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V080	SHIMS	SPESSORE	ESPEJOR	CALE	BELAG
V090	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V100	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V160	LARGE NUT	DADO ALTO	TUERCA	ECROU HAUT	HOCHMUTTER
V170	WASHER	RONDELLA PIANA	ARANDELA PLANA	RONDELLE PLATE	FLACHSCHEIBE
V180	COUPLING	GIUNTO COMPLETO	ACOPL.COMPLETO	JOINT COMPLET	KOMPL.KUPPLUNG
V210	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V260	KNURLED WASHER	ROSETTA ZIGRINATA	ARANDELA PLANA	RONDELLE MOLETEE	GERÄNDELTE SCHEIBE
V270	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V460	MOTOR BELL	CAMPANA PAM	CAMPANA	CLOCHE	MOTORGLOCKE
V470	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V480	PLAIN COVER	COPERCHIO	TAPA DE CIERRE	COUV.FERMETURE	SCHLUSSDECKEL
V500	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V510	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V520	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE

NOTE: V022* Refer page no: 285 / NOTA: V022* Vedere pagina n°: 285 / NOTAS: V022* Consultar página n.º: 285 / NOTE : V022* Se référer à la page n° : 285 / HINWEIS: V022* Siehe Seite: 285

HDO 71 ... HDO 95

		 OR						
	V010	V050	V090	V510	V060	V520	V080	V100
HDO 91	16X10X100 A	139.37X2.62	171.04X3.53	126.6X3.53	M12X40	M8X20	180x229x1.6	1/4" GAS

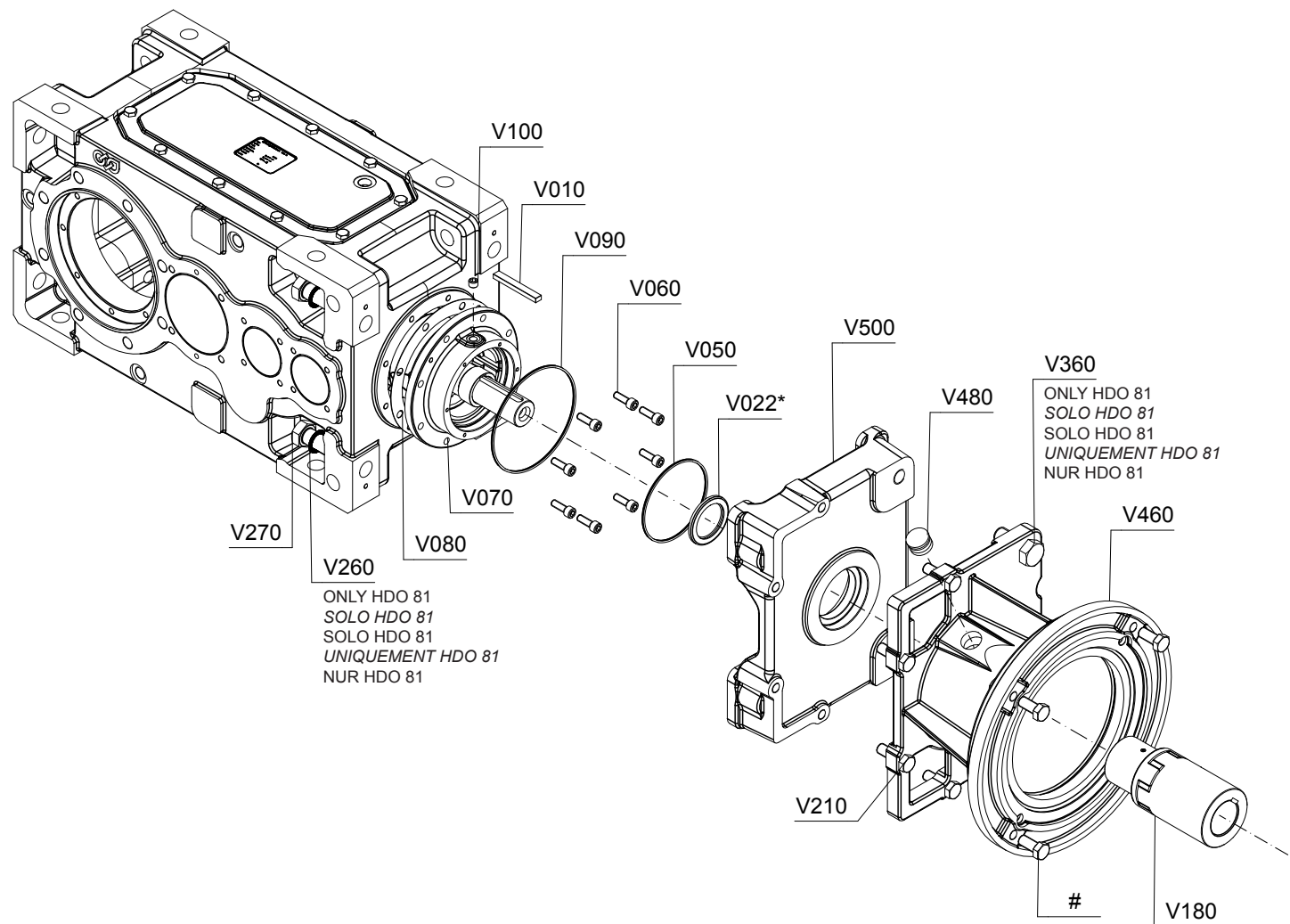
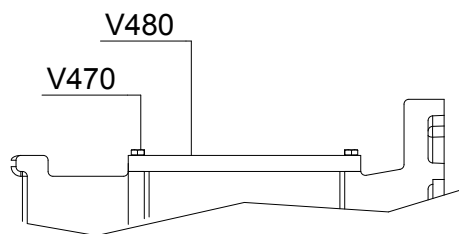
							
	V210	V270	V470		V160	V170	V260
			P200	P225-250-280			
HDO 81	M16X50	M24X100	M5X10	M5X18	M24	D 25	D 25.6

HDO 71 ... 95

HDO 71 ... HDO 95

Size / Taglia / Tamaño Taille / Größe	71 & 81
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	3
Type / Tipo / Tipo Type / Typ	G
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-R-D
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Option / Opzione / Opción Option / Option	P-132/160/180 P-200/225/250 P-280

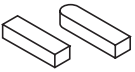

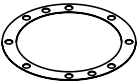




P 225/250/280



NOTE: (#) Refer page no: 289 / NOTA: (#) Vedere pagina n°: 289 / NOTAS: (#) Consultar página n.º: 289 / NOTE: (#) Se référer à la page n°: 289 / HINWEIS: (#) Siehe Seite: 289

HDO 71 ... HDO 95

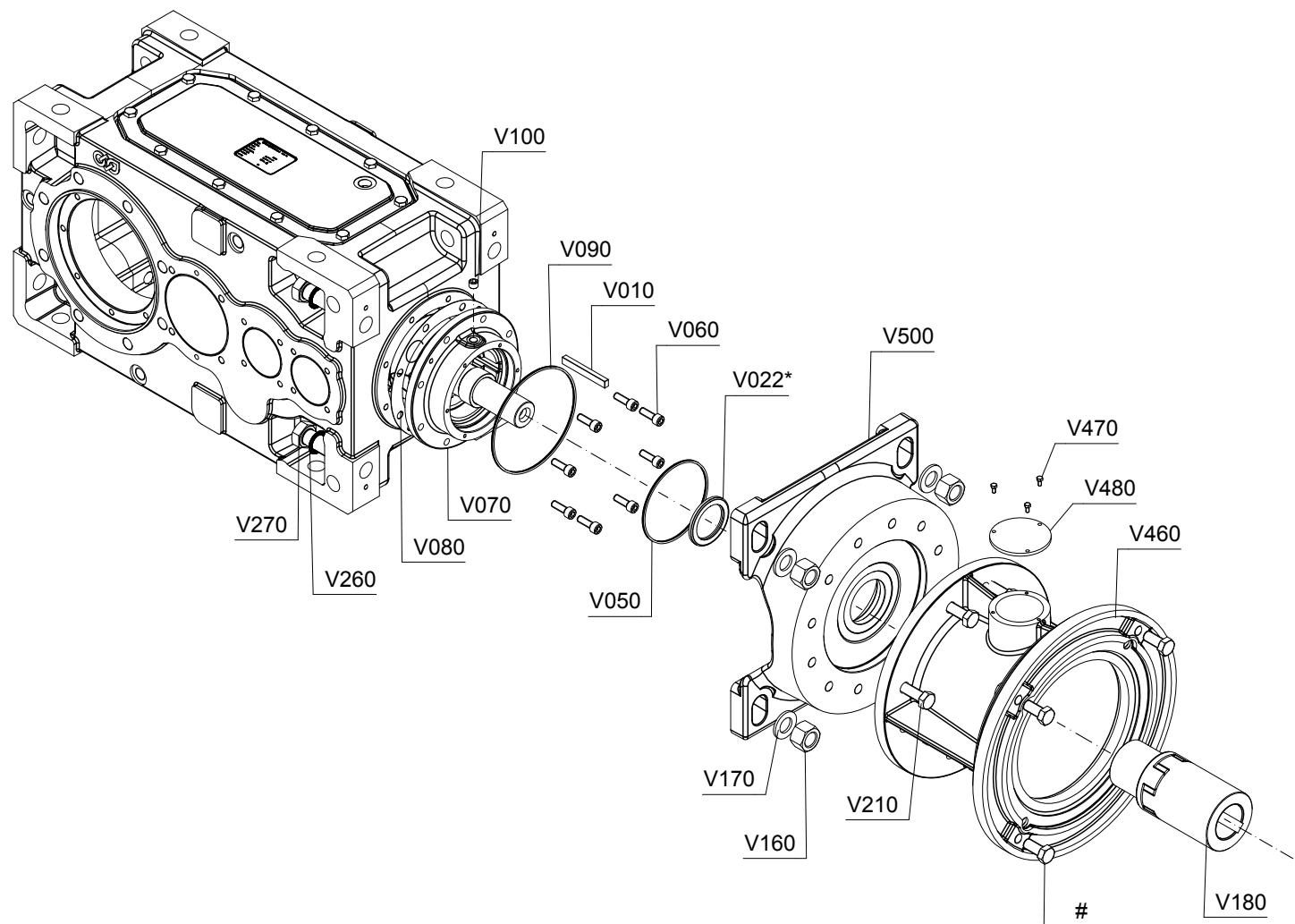
Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V022*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V050	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V060	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V070	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V080	SHIMS	SPESSORE	ESPESOR	CALE	BELAG
V090	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V100	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V180	COUPLING	GIUNTO COMPLETO	ACOPL.COMPLETO	JOINT COMPLET	KOMPL.KUPPLUNG
V210	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V260	KNURLED WASHER	ROSETTA ZIGRINATA	ARANDELA PLANA	RONDELLE MOLETEE	GERÄNDELTE SCHEIBE
V270	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V360	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V460	MOTOR BELL	CAMPANA PAM	CAMPANA	CLOCHE	MOTORGLOCKE
V480	PLAIN COVER	COPERCHIO	TAPA DE CIERRE	COUV.FERMETURE	SCHLUSSDECKEL
V500	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V470	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V480	PLAIN COVER	COPERCHIO	TAPA DE CIERRE	COUV.FERMETURE	SCHLUSSDECKEL

		 OR									
	V010	V050	V090	V080	V100	V260	V060	V210	V270	V360	V470
HDO 71	10X8X58 C	91.67X3.53	132.90X3.53	140X179X1.2	1/4" GAS	-	M10X30	M16X40	M18X50	-	M5X18
HDO 81	12X8X88 B	126.6X3.53	164.69X3.53	172X219X1.2	1/4" GAS	D 25.6	M10X30	16X50	M24X100	M24X60	M5X18

NOTE: V022* Refer page no: 285 / NOTA: V022* Vedere pagina n°: 285 / NOTAS: V022* Consultar página n.º: 285 / NOTE : V022* Se référer à la page n° : 285 / HINWEIS: V022* Siehe Seite: 285

HDO 71 ... HDO 95

Size / Taglia / Tamaño Taille / Größe	91 & 95
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	3 & 4
Type / Tipo / Tipo Type / Typ	G
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-R-D
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Option / Opzione / Opción Option / Option	P-112/132/160 P-180/200/225 P-250/280






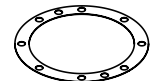

NOTE: (#) Refer page no: 289 / NOTA: (#) Vedere pagina n°: 289 / NOTAS: (#) Consultar página n.º: 289 / NOTE : (#) Se référer à la page n° : 289 / HINWEIS: (#) Siehe Seite: 289





HDO 71 ... HDO 95

Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V022*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V050	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V060	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V070	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V080	SHIMS	SPESSORE	ESPEJOR	CALE	BELAG
V090	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V100	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V160	LARGE NUT	DADO ALTO	TUERCA	ECROU HAUT	HOCHMUTTER
V170	WASHER	RONDELLA PIANA	ARANDELA PLANA	RONDELLE PLATE	FLACHSCHEIBE
V180	COUPLING	GIUNTO COMPLETO	ACOPL.COMPLETO	JOINT COMPLET	KOMPL.KUPPLUNG
V210	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V260	KNURLED WASHER	ROSETTA ZIGRINATA	ARANDELA PLANA	RONDELLE MOLETEE	GERÄNDELTE SCHEIBE
V270	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V460	MOTOR BELL	CAMPANA PAM	CAMPANA	CLOCHE	MOTORGLOCKE
V470	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V480	PLAIN COVER	COPERCHIO	TAPA DE CIERRE	COUV.FERMETURE	SCHLUSSDECKEL
V500	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG

NOTE: V022* Refer page no: 285 / NOTA: V022* Vedere pagina n°: 285 / NOTAS: V022* Consultar página n.º: 285 / NOTE : V022* Se référer à la page n° : 285 / HINWEIS: V022* Siehe Seite: 285

HDO 71 ... HDO 95

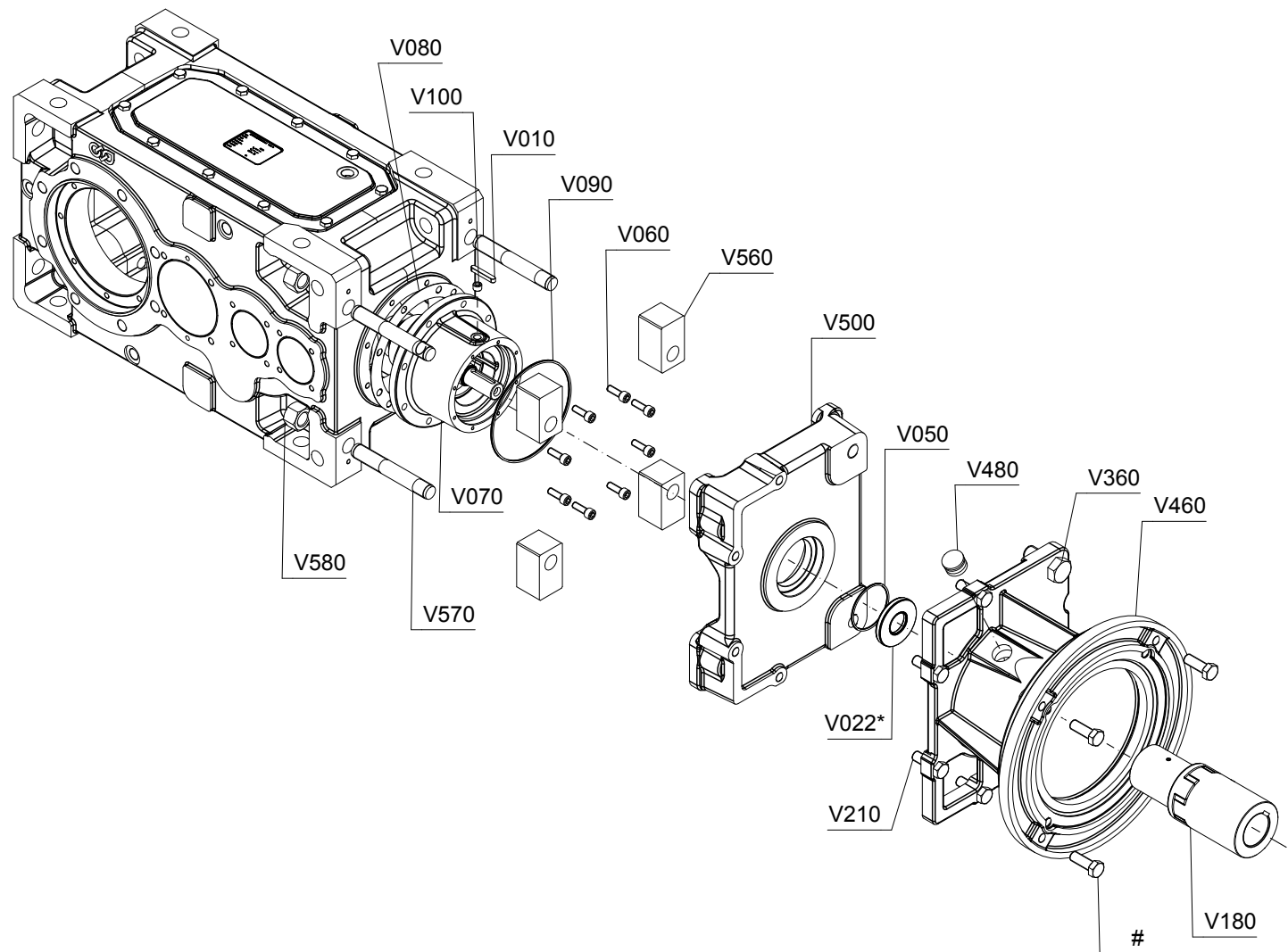
	Stages Stadi Etapas Étages Stufen		OR 				
		V010	V050	V090	V060	V080	V100
HDO 91	3	14X9X100 A	126.6X3.53	158.3X3.53	M12X40	165X214X1.6	1/4" GAS
	4	10X8X70 A					
HDO 95	3	14X9X100 A	126.6X3.53	158.3X3.53	M12X40	165X214X1.6	1/4" GAS
	4	10X8X70 A					

							
	V160	V170	V210	V270	V470		V260
					P112-132-160-180-200	P225-250-280	
HDO 91	M24	D 25	M16X50	M24X100	M5X10	M5X18	D 25.6
HDO 95	M24	D 25	M16X50	M24X100	M5X10	M5X18	D 25.6

HDO 71 ... 95

HDO 71 ... HDO 95



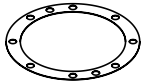




Size / Taglia / Tamaño Taille / Größe	71 & 81
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	4
Type / Tipo / Tipo Type / Typ	G
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-R-D
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Option / Opzione / Opción Option / Option	P-100/112/132 P-160/180/200



NOTE: (#) Refer page no: 289 / NOTA: (#) Vedere pagina n°: 289 / NOTAS: (#) Consultar página n.º: 289 / NOTE: (#) Se référer à la page n°: 289 / HINWEIS: (#) Siehe Seite: 289

HDO 71 ... HDO 95

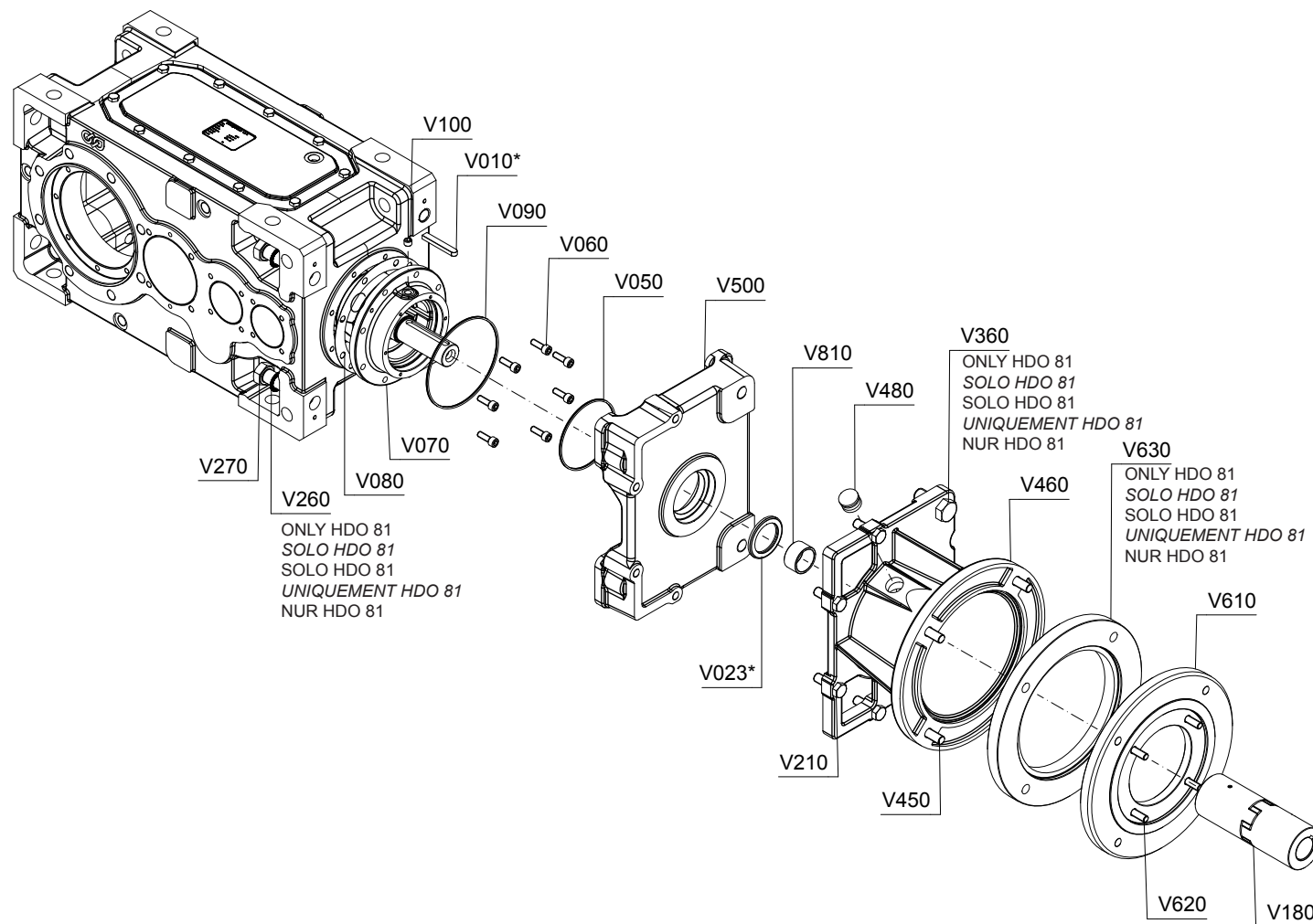
Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V022*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V050	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V060	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V070	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V080	SHIMS	SPESSORE	ESPESOR	CALE	BELAG
V090	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V100	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V180	COUPLING	GIUNTO COMPLETO	ACOPL.COMPLETO	JOINT COMPLET	KOMPL.KUPPLUNG
V210	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V360	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V460	MOTOR BELL	CAMPANA PAM	CAMPANA	CLOCHE	MOTORGLOCKE
V480	PLASTIC OIL PLUG	TAPPO PLASTICA	TAPON DE PLASTICO	BOUCHON PLASTIQUE	PLASTICK-STOPFEN
V500	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V560	SPACER RING	DISTANZIALE	DISTANCIADOR	ENTRETOISE	DISTANZRING
V570	T.E SCREW	VITE T.E.PARZ.FIL	TORNILLO T.E.	VIS T.H.PART.FIL.	T.E.-SCHRAUBE
V580	LARGE NUT	DADO ALTO	TUERCA	ECROU HAUT	HOCHMUTTER

		 OR								
	V010	V050	V090	V080	V100	V060	V210	V360	V570	V580
HDO 71	8X7X50 A	-	132.90X3.53	140X179X1.2	1/4" GAS	M10X30	M16X40	-	M18X80	M18
HDO 81	8X7X50 A	73.03X3.53	164.69X3.53	172X219X1.2	1/4" GAS	M10X30	16X50	M24X60	M24X130	M18

NOTE: V022* Refer page no: 285 / NOTA: V022* Vedere pagina n°: 285 / NOTAS: V022* Consultar página n.º: 285 / NOTE : V022* Se référer à la page n° : 285 / HINWEIS: V022* Siehe Seite: 285

HDO 71 ... HDO 95

Size / Taglia / Tamaño Taille / Größe	71 & 81
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	3
Type / Tipo / Tipo Type / Typ	NG
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-R-D
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Option / Opzione / Opción Option / Option	N-210/250/280





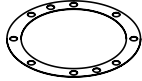



HDO 71 ... HDO 95


Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010*	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V023*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V050	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V060	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V070	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V080	SHIMS	SPESSORE	ESPEJOR	CALE	BELAG
V090	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V100	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V180	COUPLING	GIUNTO COMPLETO	ACOPL.COMPLETO	JOINT COMPLET	KOMPL.KUPPLUNG
V210	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V260	KNURLED WASHER	ROSETTA ZIGRINATA	ARANDELA PLANA	RONDELLE MOLETEE	GERÄNDELTE SCHEIBE
V270	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V360	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V450	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V460	MOTOR FLANGE	FLANGIA PAM	BRIDA ACOP.MOT	BRIDE MOTEUR	MOTORFLANSCH
V480	PLASTIC OIL PLUG	TAPPO PLASTICA	TAPON DE PLASTICO	BOUCHON PLASTIQUE	PLASTICK-STOPFEN
V500	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V610	MOTOR FLANGE	FLANGIA PAM	BRIDA ACOP.MOT	BRIDE MOTEUR	MOTORFLANSCH
V620	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V630	CONNECT.FLANGE	FLANGIA COLLEG	BRIDA DE UNION	BRIDE ASSEMBL	FLANSCH
V810	SPACER RING	DISTANZIALE	DISTANCIADOR	ENTRETOISE	DISTANZRING

NOTE: V023* Refer page no: 286 / NOTA: V023* Vedere pagina n°: 286 / NOTAS: V023* Consultar página n.º: 286 / NOTE : V023* Se référer à la page n° : 286 / HINWEIS: V023* Siehe Seite: 286

NOTE: V010* Refer page no: 287/288 / NOTA: V010* Vedere pagina n°: 287/288 / NOTAS: V010* Consultar página n.º: 287/288 / NOTE : V010* Se référer à la page n° : 287/288 / HINWEIS: V010* Siehe Seite: 287/288

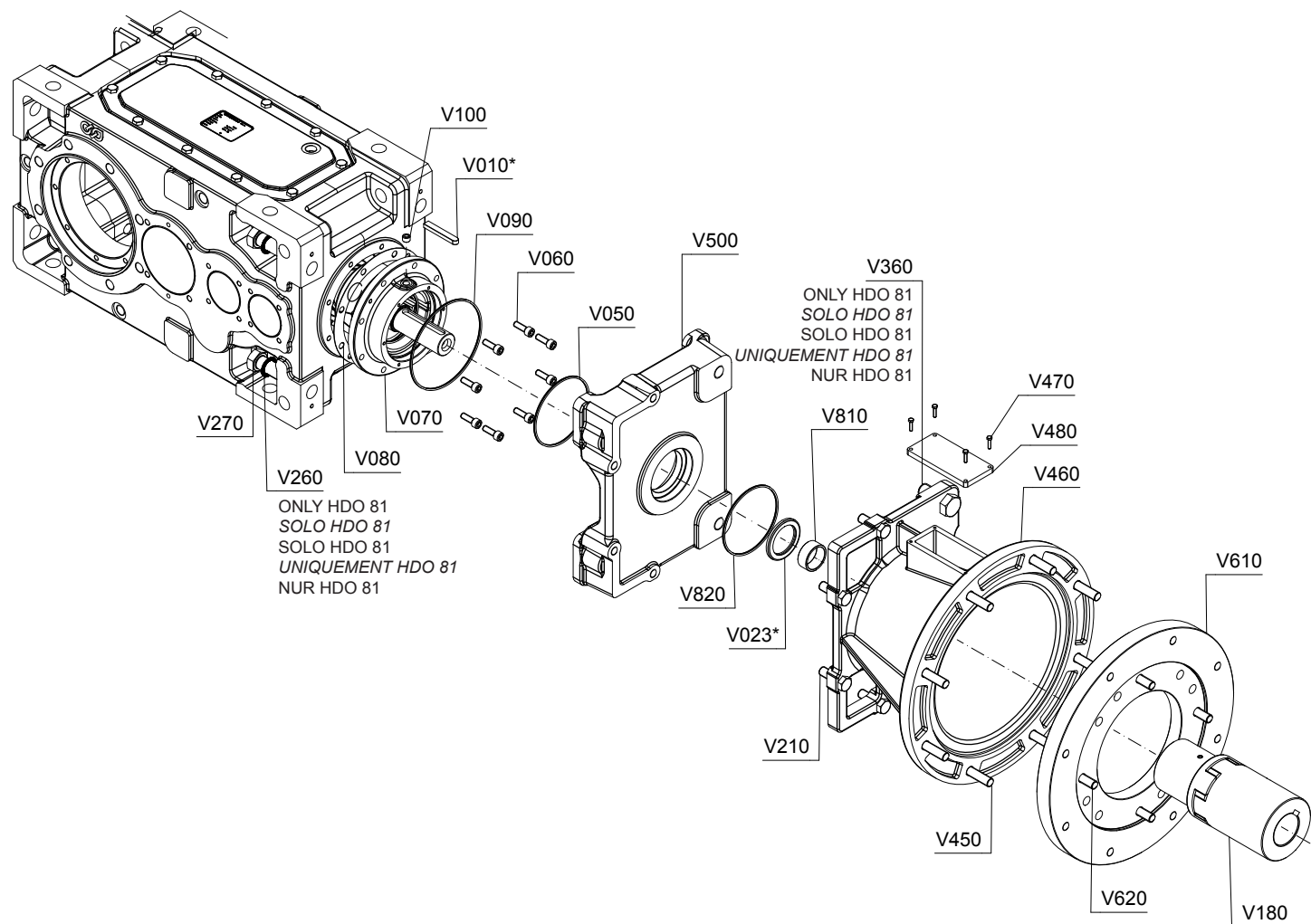
HDO 71 ... HDO 95

											
	V050	V090	V060	V080	V100	V210			V260		V260
						N210	N250	N280	N210	N250	N280
HDO 71	91.67X3.53	132.90X3.53	M10X30	140X179X1.2	1/4" GAS	M16X40	M16X40	M16X40	-	25.6XM24	25.6XM24
HDO 81	126.6X3.53	164.69X3.53	M10X30	172X219X1.2	1/4" GAS	-	M16X50	M16X50	-	25.6XM24	25.6XM24

												
	V270			V360			V450			V620		
	N210	N250	N280	N210	N 250	N280	N210	N250	N280	N210	N250	N280
HDO 71	M18X50	M18X50	M18X50	-	-	-	M12X40	M16X45	M16X50	1/2-13X1-1/4 " UNC	1/2-13X1-1/4 " UNC	1/2-13X1-1/4 " UNC
HDO 81	-	M24X100	M24X100	-	M24X60	M24X60	-	M16X45	M16X50	-	1/2-13X1-1/4 " UNC	1/2-13X1-1/4 " UNC

HDO 71 ... HDO 95

Size / Taglia / Tamaño Taille / Größe	71 & 81
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3
Type / Tipo / Tipo Type / Typ	NG
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-R-D
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Option / Opzione / Opción Option / Option	N-320/360/400




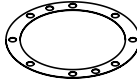


HDO 71 ... HDO 95


Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010*	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V023*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V050	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V060	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V070	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V080	SHIMS	SPESSORE	ESPEJOR	CALE	BELAG
V090	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V100	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V180	COUPLING	GIUNTO COMPLETO	ACOPL.COMPLETO	JOINT COMPLET	KOMPL.KUPPLUNG
V210	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V260	KNURLED WASHER	ROSETTA ZIGRINATA	ARANDELA PLANA	RONDELLE MOLETEE	GERÄNDELTE SCHEIBE
V270	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V360	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V450	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V460	MOTOR FLANGE	FLANGIA PAM	BRIDA ACOP.MOT	BRIDE MOTEUR	MOTORFLANSCH
V470	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V480	PLAIN COVER	COPERCHIO	TAPA DE CIERRE	COUV.FERMETURE	SCHLUSSDECKEL
V500	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V610	MOTOR FLANGE	FLANGIA PAM	BRIDA ACOP.MOT	BRIDE MOTEUR	MOTORFLANSCH
V620	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V810	SPACER RING	DISTANZIALE	DISTANCIADOR	ENTRETOISE	DISTANZRING



NOTE: V023* Refer page no: 286 / NOTA: V023* Vedere pagina n°: 286 / NOTAS: V023* Consultar página n.º: 286 / NOTE : V023* Se référer à la page n° : 286 / HINWEIS: V023* Siehe Seite: 286

NOTE: V010* Refer page no: 287/288 / NOTA: V010* Vedere pagina n°: 287/288 / NOTAS: V010* Consultar página n.º: 287/288 / NOTE : V010* Se référer à la page n° : 287/288 / HINWEIS: V010* Siehe Seite: 287/288

HDO 71 ... HDO 95

	Stages Stadi Etapas Étages Stufen	 OR							
		V050	V090	V820			V080	V060	V100
				320	360	400			
HDO 71	2	107.62X2.62	132.90X3.53	-	-	-	140X179X1.2	M10X30	1/4" GAS
	3	91.67X3.53	132.90X3.53	-	-	-	140X179X1.2	M10X30	1/4" GAS
HDO 81	2	139.37X2.62	164.69X3.53	126.6X3.53	126.6X3.53	126.6X3.53	172X219X1.2	M10X30	1/4" GAS
	3	126.6X3.53	164.69X3.53				172X219X1.2	M10X30	1/4" GAS

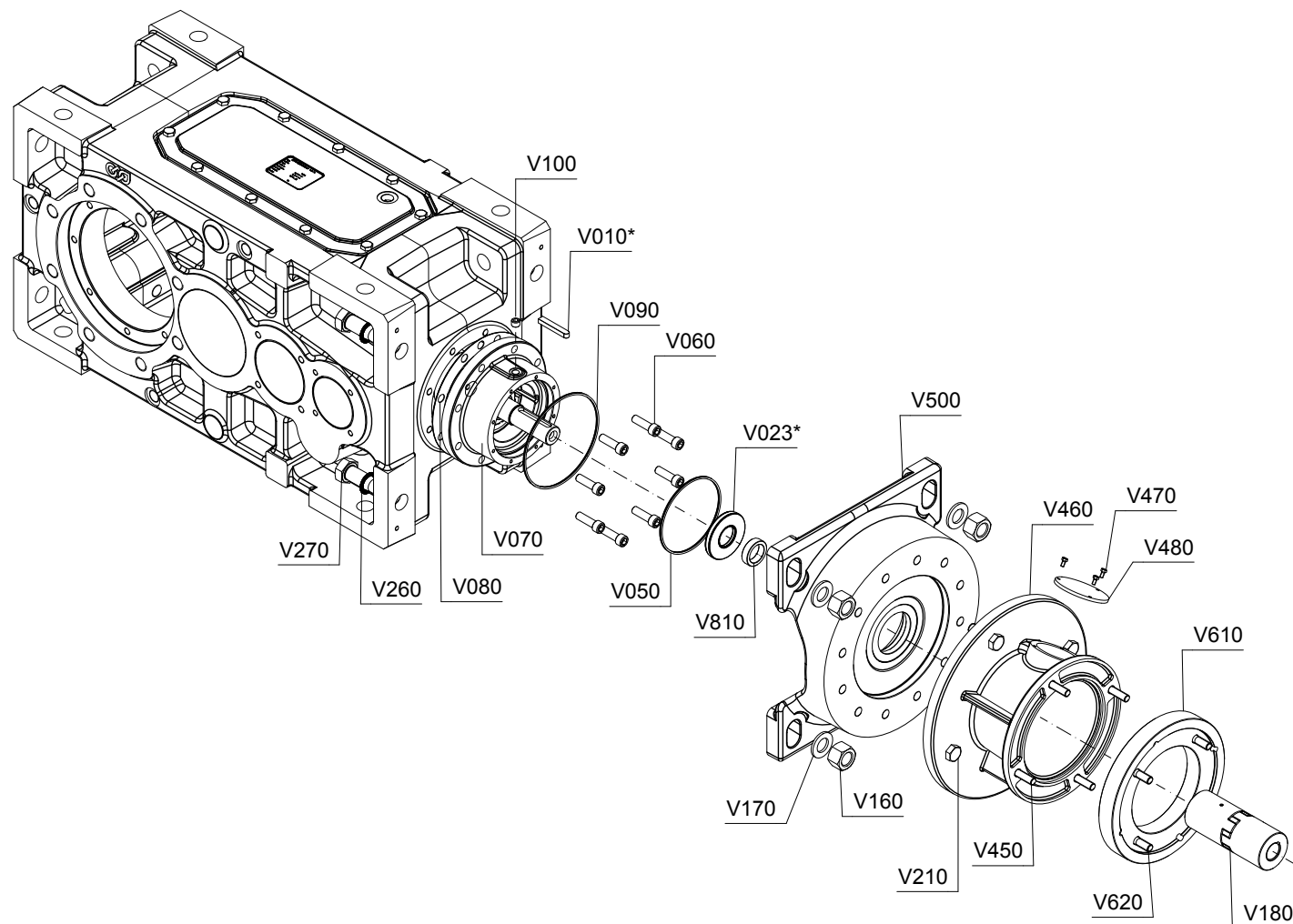
												
	V210			V270			V360			V450		
	320	360	400	320	360	400	320	360	400	320	360	400
HDO 71	M16X40	M16X40	-	M18X50	M18X50	-	-	-	-	M16X55	M16X55	-
HDO 81	M16X50	M16X50	M16X50	M24X100	M24X100	M24X100	M24X60	M24X60	M24X60	M16X55	M16X55	M16X55

									
	V470			V620			V260		
	320	360	400	320	360	400	320	360	400
HDO 71	M5X20	M5X20	-	5/8-11X1-1/2 " UNC	5/8-11X1-1/2 " UNC	-	-	-	-
HDO 81	M5X20	M5X20	M5X20	5/8-11X1-1/2 " UNC	5/8-11X1-1/2 " UNC	5/8-11X1-1/2 " UNC	25.6XM24	25.6XM24	25.6XM24

HDO 71 ... 95

HDO 71 ... HDO 95

Size / Taglia / Tamaño Taille / Größe	91 & 95
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	3 & 4
Type / Tipo / Tipo Type / Typ	NG
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-R-D
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Option / Opzione / Opción Option / Option	N-180/210




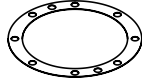

HDO 71 ... HDO 95





Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010*	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V023*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V050	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V060	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V070	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V080	SHIMS	SPESSORE	ESPEJOR	CALE	BELAG
V090	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V100	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V160	LARGE NUT	DADO ALTO	TUERCA	ECROU HAUT	HOCHMUTTER
V170	WASHER	RONDELLA PIANA	ARANDELA PLANA	RONDELLE PLATE	FLACHSCHEIBE
V180	COUPLING	GIUNTO COMPLETO	ACOPL.COMPLETO	JOINT COMPLET	KOMPL.KUPPLUNG
V210	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V260	KNURLED WASHER	ROSETTA ZIGRINATA	ARANDELA PLANA	RONDELLE MOLETEE	GERÄNDELTE SCHEIBE
V270	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V450	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V460	MOTOR FLANGE	FLANGIA PAM	BRIDA ACOP.MOT	BRIDE MOTEUR	MOTORFLANSCH
V470	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V480	PLASTIC OIL PLUG	TAPPO PLASTICA	TAPON DE PLASTICO	BOUCHON PLASTIQUE	PLASTICK-STOPFEN
V500	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V610	MOTOR FLANGE	FLANGIA PAM	BRIDA ACOP.MOT	BRIDE MOTEUR	MOTORFLANSCH
V620	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V810	SPACER RING	DISTANZIALE	DISTANCIADOR	ENTRETOISE	DISTANZRING


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HDO 71 ... HDO 95

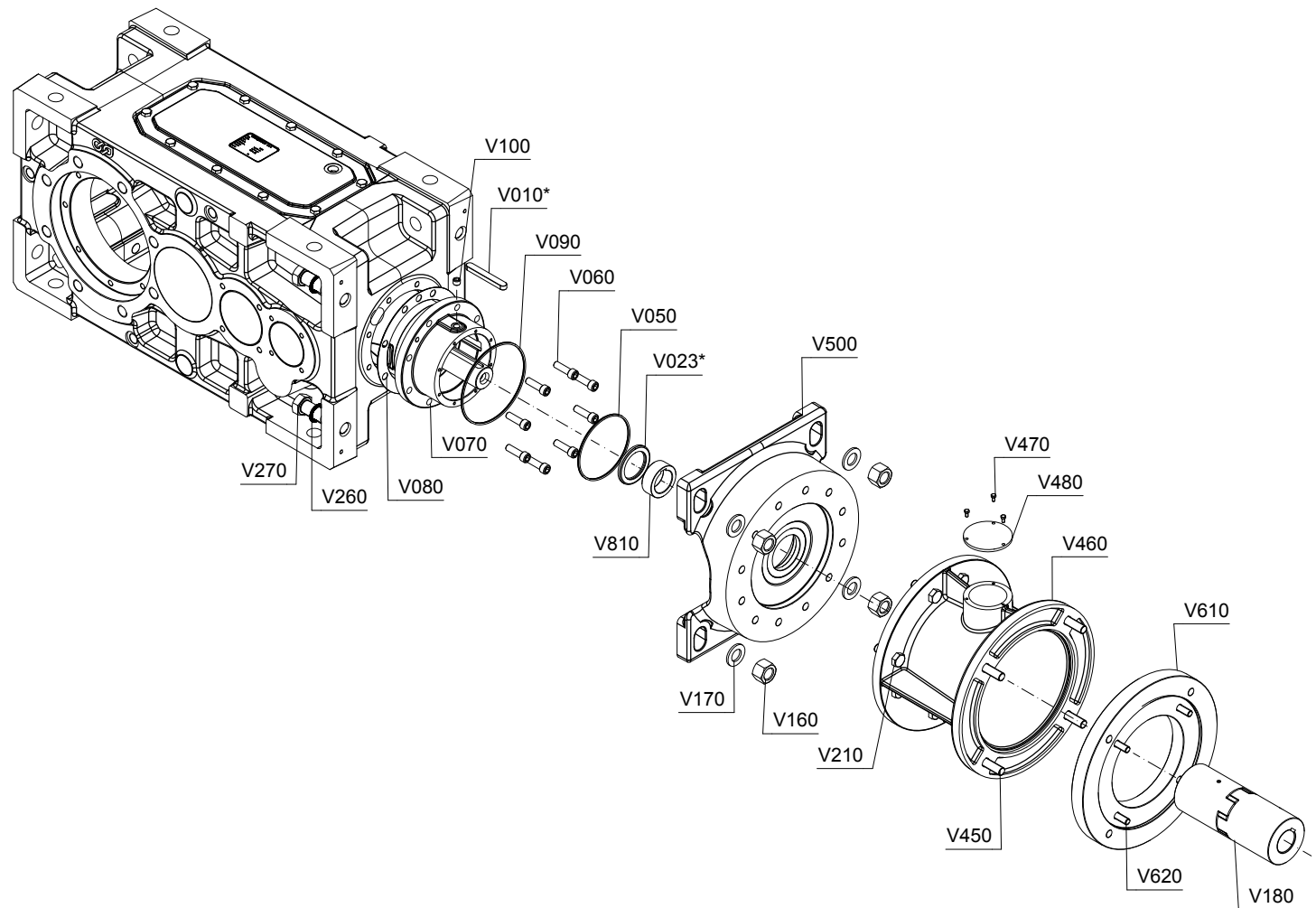
	Stages Stadi Etapas Étages Stufen	OR				
		V050	V090			
HDO 91	3	126.6X3.53	158.3X3.53	M12X40	165X214X1.6	1/4" GAS
	4	126.6X3.53	158.3X3.53	M12X40	165X214X1.6	1/4" GAS
HDO 95	3	126.6X3.53	158.3X3.53	M12X40	165X214X1.6	1/4" GAS
	4	126.6X3.53	158.3X3.53	M12X40	165X214X1.6	1/4" GAS

								
	V160		V170		V620		V260	
	N 180	N210	N 180	N210	N180	N210	N 180	N210
HDO 91	M24	M24	24	24	M12X40	M12X40	25.6XM24	25.6XM24
HDO 95	M24	M24	24	24	M12X40	M12X40	25.6XM24	25.6XM24

								
	V270		V450		V470		V210	
	N 180	N210	N 180	N210	N 180	N210	N 180	N210
HDO 91	M24X100	M24X100	M12X40	M12X40	M5X10	M5X10	1/2-13X1-1/4 " UNC	1/2-13X1-1/4 " UNC
HDO 95	M24X120	M24X120	M12X40	M12X40	M5X10	M5X10	1/2-13X1-1/4 " UNC	1/2-13X1-1/4 " UNC

HDO 71 ... HDO 95

Size / Taglia / Tamaño Taille / Größe	91 & 95
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	NG
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-R-D
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Option / Opzione / Opción Option / Option	N-250/280/320 N-360/400





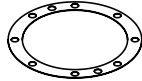

HDO 71 ... HDO 95



Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010*	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V023*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V050	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V060	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V070	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V080	SHIMS	SPESSORE	ESPEJOR	CALE	BELAG
V090	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V100	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V160	LARGE NUT	DADO ALTO	TUERCA	ECROU HAUT	HOCHMUTTER
V170	WASHER	RONDELLA PIANA	ARANDELA PLANA	RONDELLE PLATE	FLACHSCHEIBE
V180	COUPLING	GIUNTO COMPLETO	ACOPL.COMPLETO	JOINT COMPLET	KOMPL.KUPPLUNG
V210	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V260	KNURLED WASHER	ROSETTA ZIGRINATA	ARANDELA PLANA	RONDELLE MOLETEE	GERÄNDELTE SCHEIBE
V270	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V450	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V460	MOTOR FLANGE	FLANGIA PAM	BRIDA ACOP.MOT	BRIDE MOTEUR	MOTORFLANSCH
V470	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V480	PLASTIC OIL PLUG	TAPPO PLASTICA	TAPON DE PLASTICO	BOUCHON PLASTIQUE	PLASTICK-STOPFEN
V500	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V610	MOTOR FLANGE	FLANGIA PAM	BRIDA ACOP.MOT	BRIDE MOTEUR	MOTORFLANSCH
V620	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V810	SPACER RING	DISTANZIALE	DISTANCIADOR	ENTRETOISE	DISTANZRING



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HDO 71 ... HDO 95


	Stages Stadi Etapas Étages Stufen	 OR		 V060	 V080	 V100
		V050	V090			
HDO 91	2	139.37X2.62	171.04X3.53	M12X40	180x229x1.6	1/4" GAS
	3/4	126.6X3.53	158.3X3.53	M12X40	165X214X1.6	1/4" GAS
HDO 95	3/4	126.6X3.53	158.3X3.53	M12X40	165X214X1.6	1/4" GAS


										
	V160					V170				
	N250	N280	N320	N360	N400	N250	280	N320	N360	N400
HDO 91	M24	M24	M24	M24	M24	24	24	24	24	24
HDO 95	M24	M24	M24	M24	M24	24	24	24	24	24

										
	V210					V260				
	N250	N280	N320	N360	N400	N250	280	N320	N360	N400
HDO 91	M16X50	M16X50	M16X50	M16X50	M16X50	25.6XM24	25.6XM24	25.6XM24	25.6XM24	25.6XM24
HDO 95	M16X50	M16X50	M16X50	M16X50	M16X50	25.6XM24	25.6XM24	25.6XM24	25.6XM24	25.6XM24

HDO 71 ... 95

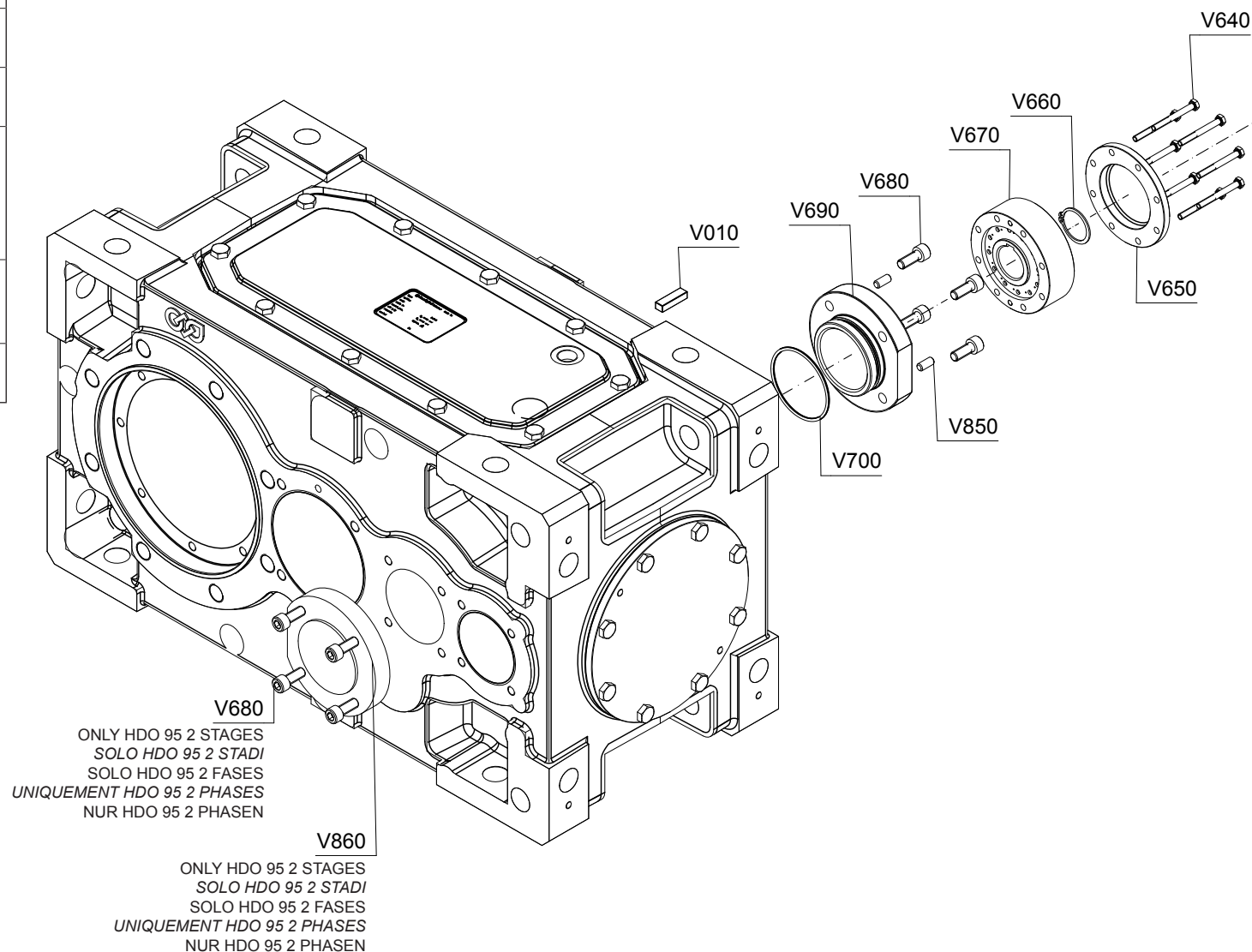
HDO 71 ... HDO 95

										
	V270					V450				
	N250	N280	N320	N360	N400	N250	280	N320	N360	N400
HDO 91	M24X100	M24X100	M24X100	M24X100	M24X100	M16X45	M16X50	M16X55	M16X55	M16X55
HDO 95	M24X120	M24X120	M24X120	M24X120	M24X120	M16X45	M16X50	M16X55	M16X55	M16X55

										
	V470					V620				
	N250	N280	N320	N360	N400	N250	280	N320	N360	N400
HDO 91	M5X10	M5X10	M5X20	M5X20	M5X20	1/2-13X1-1/4 " UNC	1/2-13X1-1/4 " UNC	5/8-11X1-1/2 " UNC	5/8-11X1-1/2 " UNC	5/8-11X1-1/2 " UNC
HDO 95	M5X10	M5X10	M5X20	M5X20	M5X20	1/2-13X1-1/4 " UNC	1/2-13X1-1/4 " UNC	5/8-11X1-1/2 " UNC	5/8-11X1-1/2 " UNC	5/8-11X1-1/2 " UNC

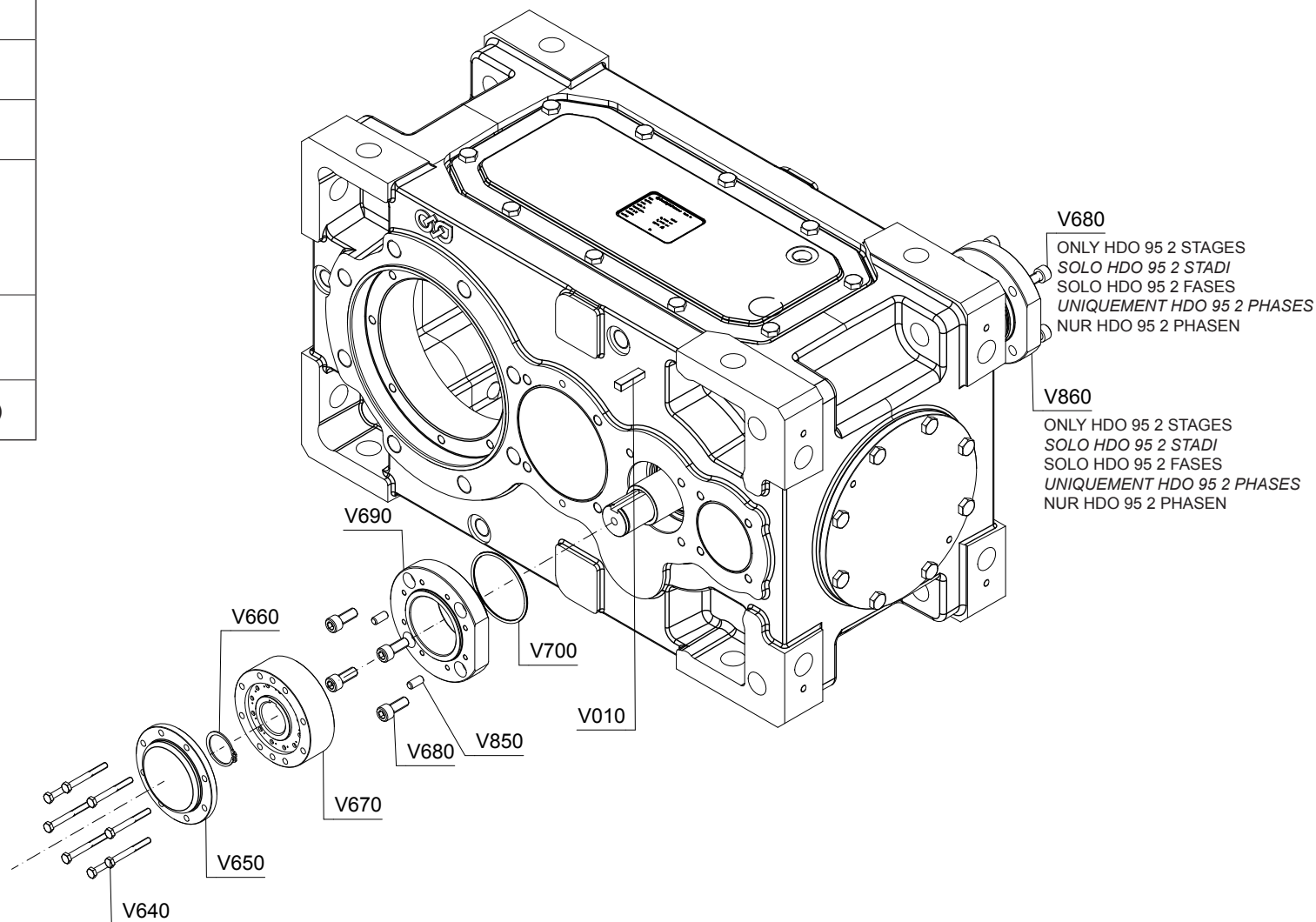
HDO 71 ... HDO 95

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	2
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-R-D
Execution / Esecuzione Ejecución / Exécution Ausführung	1
Option / Opzione / Opción Option / Option	A-(BACKSTOP)









HDO 71 ... HDO 95

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	2
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-R-D
Execution / Esecuzione Ejecución / Exécution Ausführung	2
Option / Opzione / Opción Option / Option	A-(BACKSTOP)



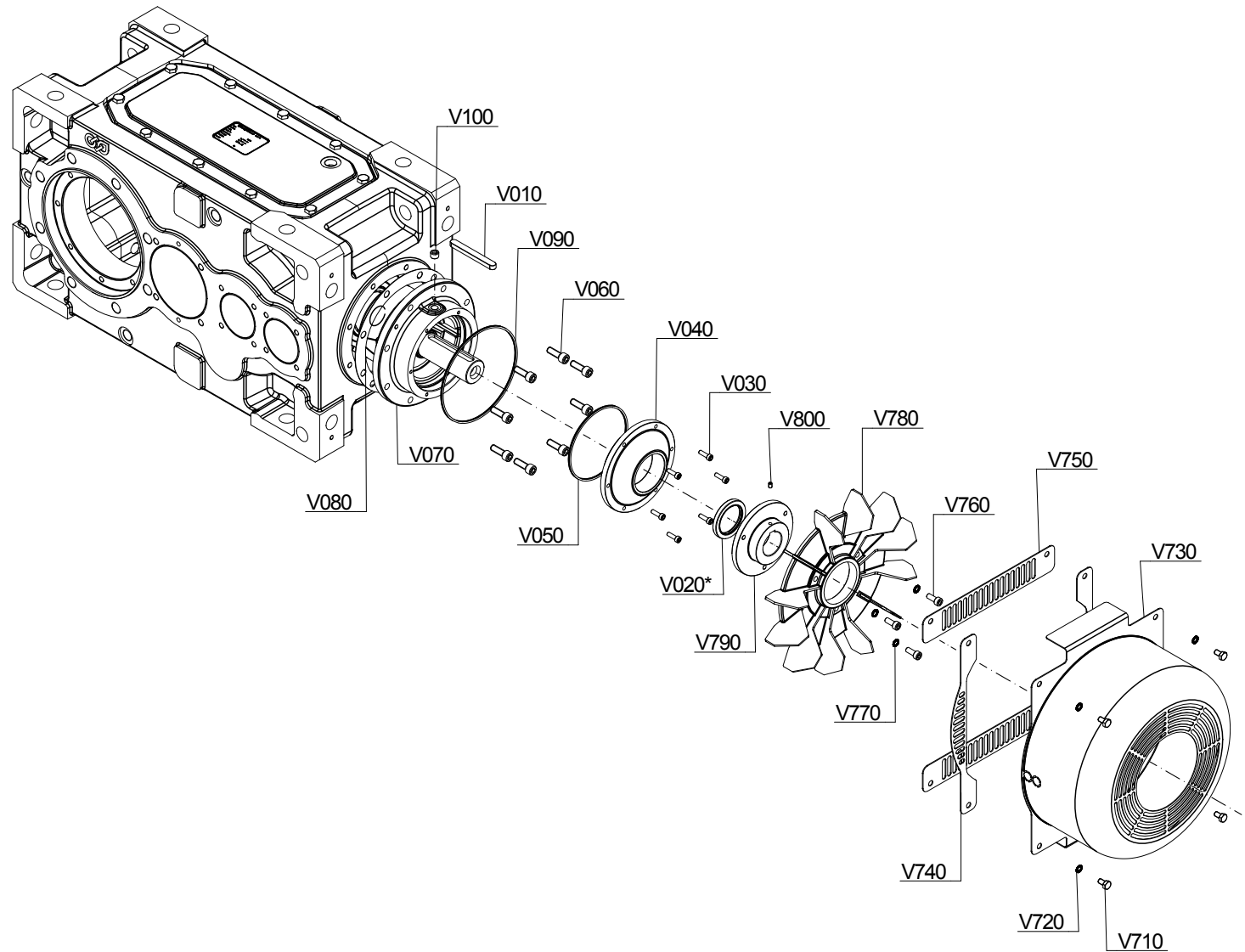
HDO 71 ... HDO 95

Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V640	T.E SCREW	VITE T.E.PARZ.FIL	TORNILLO T.E.	VIS T.H.PART.FIL.	T.E.-SCHRAUBE
V650	PLAIN COVER	COPERCHIO CHIU	TAPA DE CIERRE	COUV.FERMETURE	SCHLUßDECKEL
V660	SHAFT CIRCLIP	AN. ELASTICO-ALBERO	AN. ELASTICO-EJE	BAGUE ELAST. -ARBRE	SEEGERRING WELLE
V670	FREE-WHEEL	RUOTA LIBERA-ANTIRETRO	RUEDA LIBRE-ANTIRETOR	ANTIDEVIREUR	RÜCKLAUF-FREIS RAD
V680	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V690	ANTI RUN BACK CAP	CAPPEL ANTIRETRO	SOMBRETERE PARA ANTIRRET	CAPUCHON P/ ANTIDEVIREUR	RÜCKLAUFSSPERREDECKEL
V700	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V850	PARALLEL PIN	SPINA CILINDRICA	PASADOR CILINDR	GOUPILLE CYLINDR	ZYLINDERSTIFT
V860	PLAIN CAP	CAPPEL CHIUSO	SOMBRETERE	CAPUCHON FERME	SCHLUßDECKEL

	Stages Stadi Etapas Étages Stufen						
		V010	V640	V660	V680	V700	V850
HDO 71	2	14X9X34 B	M8X55	45	M12X30	101.2X3.53	M8X20
	3	10X8X35 B	M6X55	35	M10X25	73.03X3.53	-
	4	6X6X30 B	M6X55	20	M8X20	56.8X2.62	-
HDO 81	2	14X9X39 B	M8X60	50	M12X30	123.42X3.53	M8X18
	3	10X8X35 B	M6X55	35	M10X25	73.03X3.53	-
	4	8X7X38 C	M6X55	25	M10X25	73.03X3.53	-
HDO 91	2	18X11X50 B	M10X75	60	M14X35	142.47X3.53	M8X18
	3	14X9X34 B	M8X60	45	M12X30	101.2X3.53	-
	4	10X8X35 B	M6X55	35	M10X25	82.14X3.53	-
HDO 95	2	18X11X50 B	M10X75	60	M14X35	148.8X3.53	-
	3	14X9X34 B	M8X60	45	M12X30	101.2X3.53	-
	4	10X8X35 B	M6X55	35	M10X25	82.14X3.53	-

HDO 71 ... HDO 95

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-R-D
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Option / Opzione / Opción Option / Option	FAN







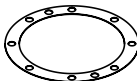
HDO 71 ... 95

HDO 71 ... HDO 95

Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V020*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V030	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V040	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V050	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V060	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V070	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V080	SHIMS	SPESSORE	ESPEJOR	CALE	BELAG
V090	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V100	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V710	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V720	KNURLED WASHER	ROSETTA ZIGRINATA	ARANDELA PLANA GRANEADA	RONDELLE MOLETEE	GERANDELTE SCHEIBE
V730	FAN COVER	COPRIVENT	TAPA VENTIL.	CACHE VENTILAT	LUFTERHAUBE
V740	CARTER	CARTER	CARTER	CARTER	CARTER
V750	CARTER	CARTER	CARTER	CARTER	CARTER
V760	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V770	KNURLED WASHER	ROSETTA ZIGRINATA	ARANDELA PLANA GRANEADA	RONDELLE MOLETEE	GERANDELTE SCHEIBE
V780	FAN	VENTOLA	VENTILADOR	VENTILATEUR	LÜFTERRAD
V790	FAN BUSHING	BOCC PER VENT	CASQUILLO PARA	MANCHON P/ VENTILATEUR	LAUFRADBUCHESE
V800	STEI.-CN SCREW	VITE S.T.E.I.-CN	TORNILLO STEI-CN	VIS S.T.H.C	STEI-CN-SCHRAUBE






NOTE: V020* Refer page no: 283 / NOTA: V020* Vedere pagina n°: 283 / NOTAS: V020* Consultar página n.º: 283 / NOTE : V020* Se référer à la page n° : 283 / HINWEIS: V020* Siehe Seite: 283

HDO 71 ... HDO 95

	Stages Stadi Etapas Étages Stufen						
		V010	V030		V060		V760
HDO 71	2	14X9X100 A	M6X18	-	M10X30	M8x20	140X179X1.2
	3	12X8X100 A	M6X18	-	M10X30		140X179X1.2
	4	8X7X50 A	M6X18	-	M10X30		140X179X1.2
HDO 81	2	14X9X100 A	M6X18	-	M10X30	M8x20	172X219X1.2
	3	12X8X100 A	-	M6X20	M10X30		172X219X1.2
	4	8X7X50 A	-	M6X20	M10X30		172X219X1.2
HDO 91	2	16X10X100 A	M8X25	-	M12X40	M8x20	180x229x1.6
	3	14X9X100 A	M6X16	-	M12X40		165X214X1.6
	4	10X8X70 A	M6X16	-	M12X40		165X214X1.6
HDO 95	3	14X9X100 A	M6X16	-	M12X40	M8x20	165X214X1.6
	4	10X8X70 A	M6X16	-	M12X40		165X214X1.6

HDO 71 ... 95

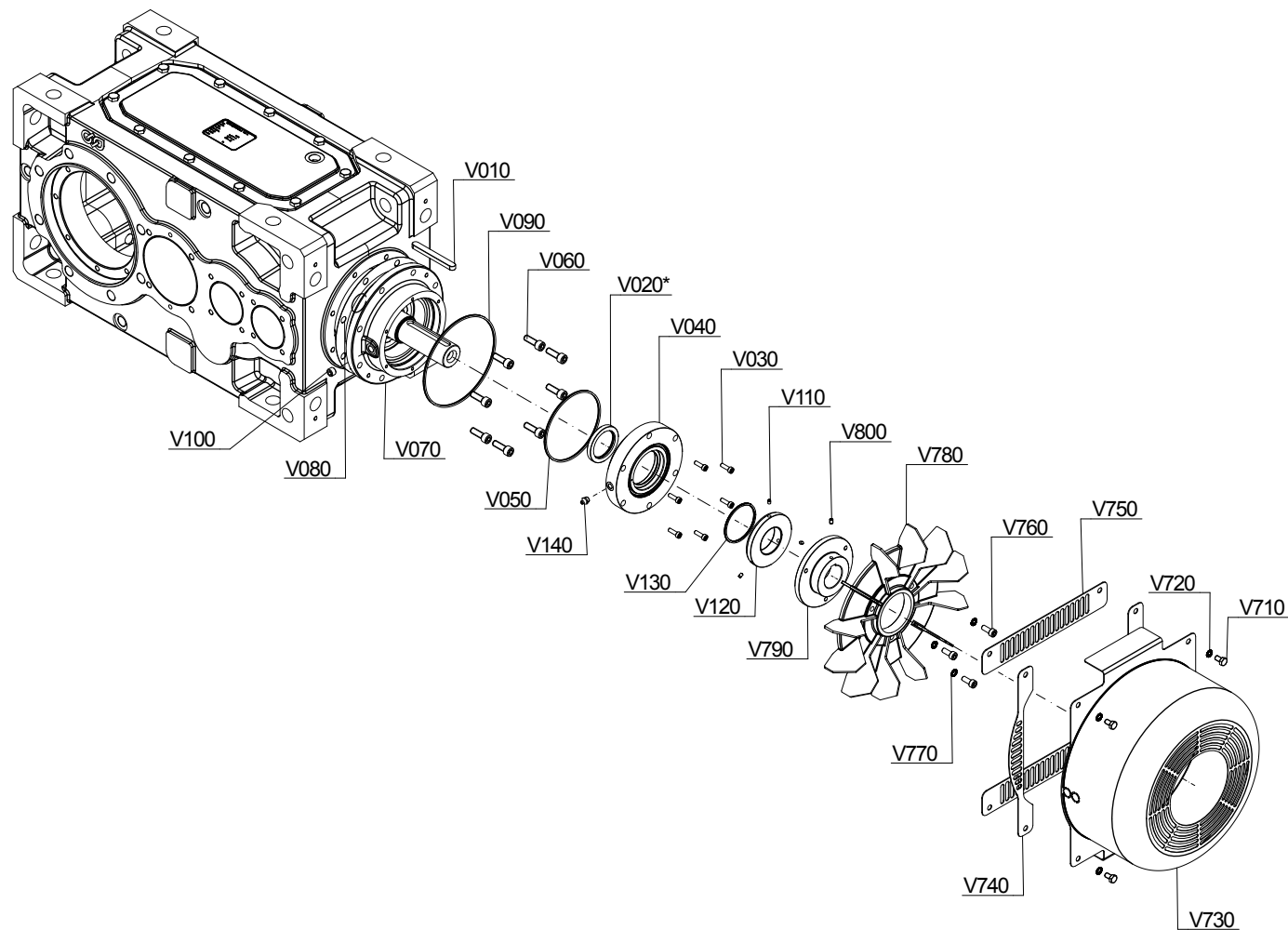
HDO 71 ... HDO 95

	Stages Stadi Etapas Étages Stufen	OR							
		V090	V050	V100	V710	V770	V720	V800	
HDO 71	2	132.90X3.53	107.62X2.62	1/4" GAS	M8X14	D 8.4	D 8.4	M6X8	
	3	132.90X3.53	91.67X3.53	1/4" GAS					
	4	132.90X3.53	91.67X3.53	1/4" GAS					
HDO 81	2	164.69X3.53	139.37X2.62	1/4" GAS	M8X14	D 8.4	D 8.4	M6X8	
	3	164.69X3.53	126.6X3.53	1/4" GAS					
	4	164.69X3.53	126.6X3.53	1/4" GAS					
HDO 91	2	171.04X3.53	139.37X2.62	1/4" GAS	M8X18	D 8.4	D 8.4	M6X10	
	3	158.3X3.53	126.6X3.53	1/4" GAS					
	4	158.3X3.53	126.6X3.53	1/4" GAS					
HDO 95	3	158.3X3.53	126.6X3.53	1/4" GAS	M8X18	D 8.4	D 8.4	M6X10	
	4	158.3X3.53	126.6X3.53	1/4" GAS					

HDO 71 ... 95

HDO 71 ... HDO 95

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-R-D
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Option / Opzione / Opción Option / Option	FAN with TK VENTILATORE con TK VENTILADOR con TK VENTILATEUR avec TK LÜFTER mit TK





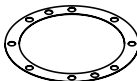


HDO 71 ... HDO 95

Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V020*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V030	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V040	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V050	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V060	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V070	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V080	SHIMS	SPESSORE	ESPESOR	CALE	BELAG
V090	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V100	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V110	STEI.-CN SCREW	VITE S.T.E.I.-CN	TORNILLO STEI-CN	VIS S.T.H.C.	STEI-CN-SCHRAUBE
V120	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V130	LAMELLAR OILSEAL	ANELLO TENUTA	RETEN LAMINAR	JOINT ET.LAMELL	LAM.DICHTRING
V140	GREASE NIPPLE	INGRASSATORE DIRITTO	ENGRASADOR RECTO	GRAISSEUR DROIT	GERADE FETTBUSCHE
V710	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V720	KNURLED WASHER	ROSETTA ZIGRINATA	ARANDELA PLANA GRANEADA	RONDELLE MOLETEE	GERANDELTE SCHEIBE
V730	FAN COVER	COPRIVENT	TAPA VENTIL.	CACHE VENTILAT	LUFTERHAUBE
V740	CARTER	CARTER	CARTER	CARTER	CARTER
V750	CARTER	CARTER	CARTER	CARTER	CARTER
V760	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V770	KNURLED WASHER	ROSETTA ZIGRINATA	ARANDELA PLANA GRANEADA	RONDELLE MOLETEE	GERANDELTE SCHEIBE
V780	FAN	VENTOLA	VENTILADOR	VENTILATEUR	LÜFTERRAD
V790	FAN BUSHING	BOCC PER VENT	CASQUILLO PARA	MANCHON P/ VENTILATEUR	LAUFRADBUCHESE
V800	STEI.-CN SCREW	VITE S.T.E.I.-CN	TORNILLO STEI-CN	VIS S.T.H.C	STEI-CN-SCHRAUBE


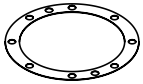




NOTE: V020* Refer page no: 283 / NOTA: V020* Vedere pagina n°: 283 / NOTAS: V020* Consultar página n.º: 283 / NOTE : V020* Se référer à la page n° : 283 / HINWEIS: V020* Siehe Seite: 283






HDO 71 ... HDO 95

	Stages Stadi Etapas Étages Stufen						
		V010	V030		V060		V760
HDO 71	2	14X9X100 A	M6X18	-	M10X30	M8x20	107.62X2.62
	3	12X8X100 A	M6X18	-	M10X30		91.67X3.53
	4	8X7X50 A	M6X18	-	M10X30		91.67X3.53
HDO 81	2	14X9X100 A	M6X18	-	M10X30	M8x20	139.37X2.62
	3	12X8X100 A	-	M6X20	M10X30		126.6X3.53
	4	8X7X50 A	-	M6X20	M10X30		126.6X3.53
HDO 91	2	16X10X100 A	M8X25	-	M12X40	M8x20	139.37X2.62
	3	14X9X100 A	M6X16	-	M12X40		126.6X3.53
	4	10X8X70 A	M6X20	-	M12X40		126.6X3.53
HDO 95	3	14X9X100 A	M6X16	-	M12X40	M8x20	126.6X3.53
	4	10X8X70 A	M6X20	-	M12X40		126.6X3.53

HDO 71 ... 95

HDO 71 ... HDO 95

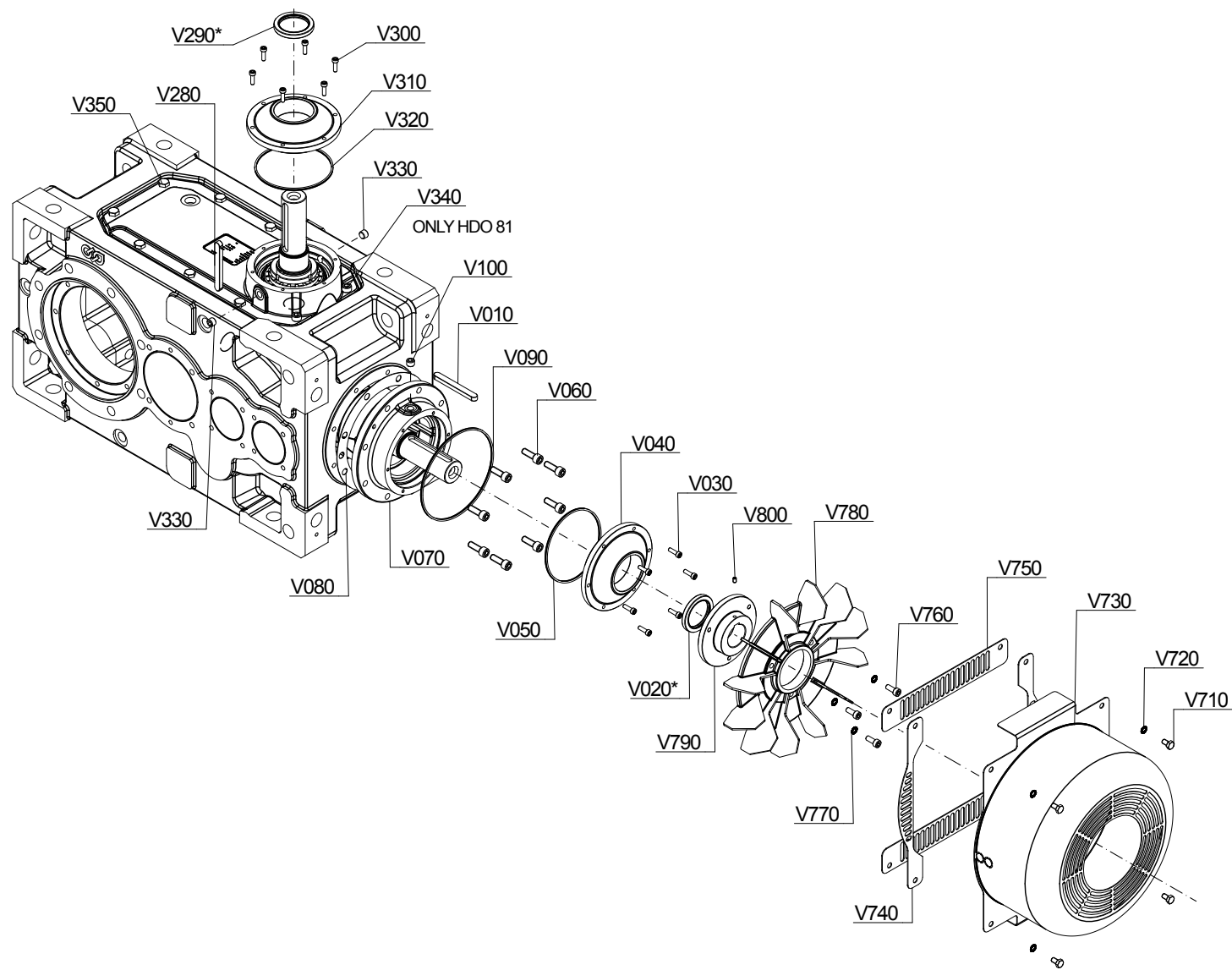
	Stages Stadi Etapas Étages Stufen	 OR						
		V090	V050	V080	V130	V100	V110	V140
HDO 71	2	132.90X3.53	107.62X2.62	140X179X1.2	74X3.1X0.82	1/4 " GAS	M5X8	1/8" GAS
	3	132.90X3.53	91.67X3.53	140X179X1.2	51X2.4X0.72	1/4 " GAS	M4X8	
	4	132.90X3.53	91.67X3.53	140X179X1.2	51X2.4X0.72	1/4 " GAS	M4X8	
HDO 81	2	164.69X3.53	139.37X2.62	172X219X1.2	74X3.1X0.82	1/4 " GAS	M5X8	
	3	164.69X3.53	126.6X3.53	172X219X1.2	74X3.1X0.82	1/4 " GAS	M5X8	
	4	164.69X3.53	126.6X3.53	172X219X1.2	51X2.4X0.72	1/4 " GAS	M4X8	
HDO 91	2	171.04X3.53	139.37X2.62	180x229x1.6	74X3.1X0.82	1/4 " GAS	M5X8	
	3	158.3X3.53	126.6X3.53	180x229x1.6	74X3.1X0.82	1/4 " GAS	M5X8	
	4	158.3X3.53	126.6X3.53	165X214X1.6	51X2.4X0.72	1/4 " GAS	M4X8	
HDO 95	3	158.3X3.53	126.6X3.53	165X214X1.6	74X3.1X0.82	1/4 " GAS	M5X8	
	4	158.3X3.53	126.6X3.53	165X214X1.6	51X2.4X0.72	1/4 " GAS	M4X8	

					
	V090	V050	V100	V770	V800
HDO 71	132.90X3.53	107.62X2.62	1/4" GAS	D 8.4	M6X8
HDO 81	164.69X3.53	139.37X2.62	1/4" GAS	D 8.4	M6X8
HDO 91	171.04X3.53	139.37X2.62	1/4" GAS	D 8.4	M6X10
HDO 95	158.3X3.53	126.6X3.53	1/4" GAS	D 8.4	M6X10

HDO 71 ... 95

HDO 71 ... HDO 95

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	VJ
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LD-RD-DD
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Option / Opzione / Opción Option / Option	FAN





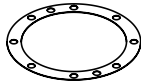


HDO 71 ... 95

HDO 71 ... HDO 95






Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V020*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V040	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V050	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V060	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V070	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V080	SHIMS	SPESSORE	ESPESOR	CALE	BELAG
V090	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V100	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V280	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V290*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V300	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V310	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V320	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V330	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V340	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V350	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V710	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V720	KNURLED WASHER	ROSETTA ZIGRINATA	ARANDELA PLANA GRANEADA	RONDELLE MOLETEE	GERANDELTE SCHEIBE
V730	FAN COVER	COPRIVENT	TAPA VENTIL.	CACHE VENTILAT	LUFTERHAUBE
V740	CARTER	CARTER	CARTER	CARTER	CARTER
V750	CARTER	CARTER	CARTER	CARTER	CARTER
V760	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V770	KNURLED WASHER	ROSETTA ZIGRINATA	ARANDELA PLANA GRANEADA	RONDELLE MOLETEE	GERANDELTE SCHEIBE
V780	FAN	VENTOLA	VENTILADOR	VENTILATEUR	LÜFTERRAD
V790	FAN BUSHING	BOCC PER VENT	CASQUILLO PARA	MANCHON P/ VENTILATEUR	LAUFRADBUCHESE
V800	STEI.-CN SCREW	VITE S.T.E.I.-CN	TORNILLO STEI-CN	VIS S.T.H.C	STEI-CN-SCHRAUBE

HDO 71 ... HDO 95






	Stages Stadi Etapas Étages Stufen						
		V010	V030		V060	V760	V080
HDO 71	2	14X9X100 A	M6X18	-	M10X30	M8x20	140X179X1.2
	3	12X8X100 A	M6X18	-	M10X30		140X179X1.2
	4	8X7X50 A	M6X18	-	M10X30		140X179X1.2
HDO 81	2	14X9X100 A	M6X18	-	M10X30	M8x20	172X219X1.2
	3	12X8X100 A	-	M6X20	M10X30		172X219X1.2
	4	8X7X50 A	-	M6X20	M10X30		172X219X1.2
HDO 91	2	16X10X100 A	M8X25	-	M12X40	M8x20	180x229x1.6
	3	14X9X100 A	M6X16	-	M12X40		165X214X1.6
	4	10X8X70 A	M6X16	-	M12X40		165X214X1.6
HDO 95	3	14X9X100 A	M6X16	-	M12X40	M8x20	165X214X1.6
	4	10X8X70 A	M6X16	-	M12X40		165X214X1.6

HDO 71 ... 95

HDO 71 ... HDO 95

	Stages Stadi Etapas Étages Stufen	 OR						
		V090	V050	V100	V710	V770	V720	V800
HDO 71	2	132.90X3.53	107.62X2.62	1/4" GAS	M8X14	D 8.4	D 8.4	M6X8
	3	132.90X3.53	91.67X3.53	1/4" GAS				
	4	132.90X3.53	91.67X3.53	1/4" GAS				
HDO 81	2	164.69X3.53	139.37X2.62	1/4" GAS	M8X14	D 8.4	D 8.4	M6X8
	3	164.69X3.53	126.6X3.53	1/4" GAS				
	4	164.69X3.53	126.6X3.53	1/4" GAS				
HDO 91	2	171.04X3.53	139.37X2.62	1/4" GAS	M8X18	D 8.4	D 8.4	M6X10
	3	158.3X3.53	126.6X3.53	1/4" GAS				
	4	158.3X3.53	126.6X3.53	1/4" GAS				
HDO 95	3	158.3X3.53	126.6X3.53	1/4" GAS	M8X18	D 8.4	D 8.4	M6X10
	4	158.3X3.53	126.6X3.53	1/4" GAS				

HDO 71 ... 95

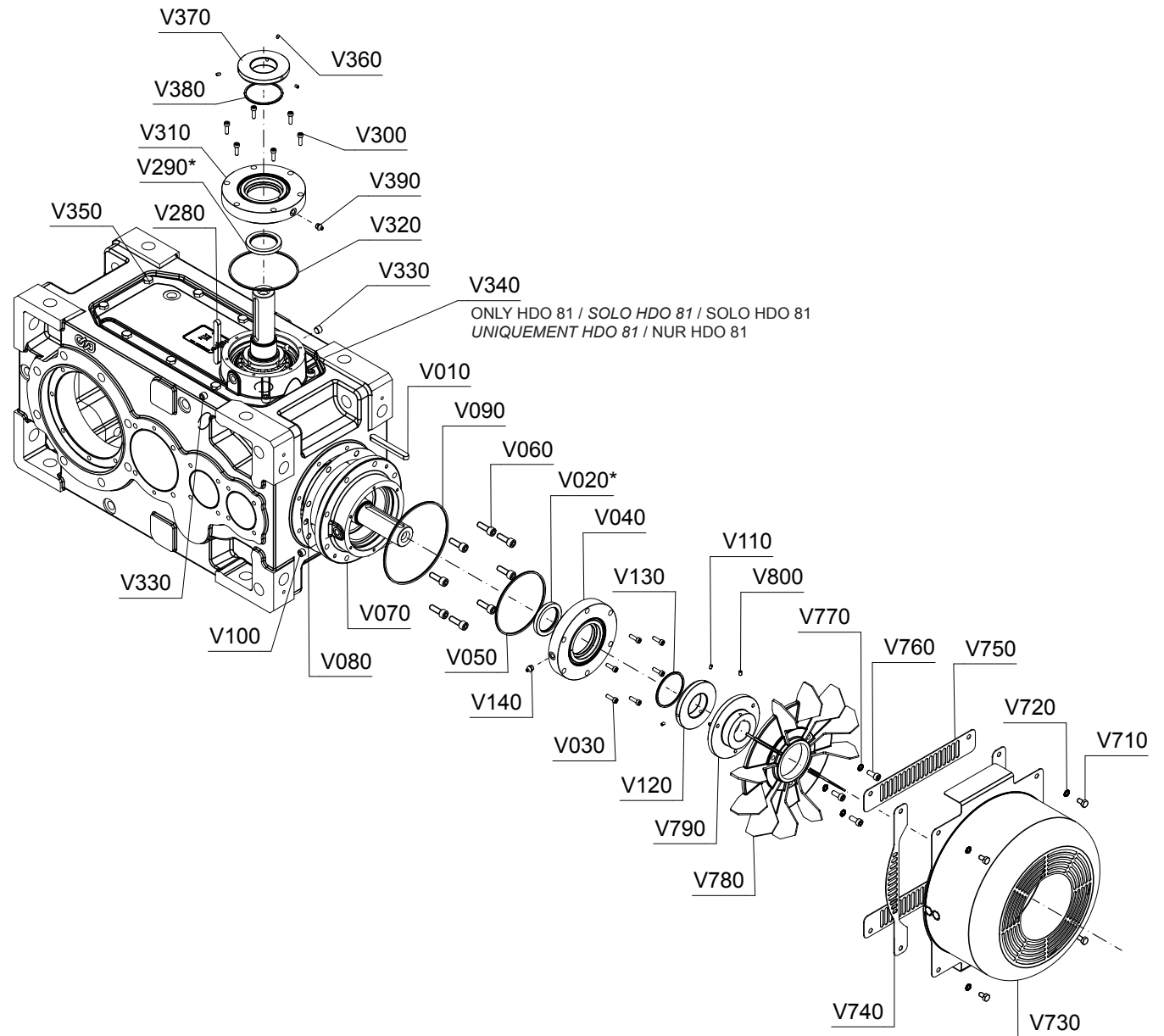
				 OR		
	V280	V300	V340	V320	V330	V350
HDO 71	12X8X100 A	M6X18	-	91.67X3.53	1/4" GAS	M10X25
HDO 81	12X8X100 A	M6X20	M10X25	126.6X3.53	1/4" GAS	M10X25
HDO 91	14X9X100 A	M6X16	-	126.6X3.53	1/4" GAS	M10X25
HDO 95	14X9X100 A	M6X16	-	126.6X3.53	1/4" GAS	M10X25

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NOTE: V290* Refer page no: 284 / NOTA: V290* Vedere pagina n°: 284 / NOTAS: V290* Consultar página n.º: 284 / NOTE : V290* Se référer à la page n° : 284 / HINWEIS: V290* Siehe Seite: 284

HDO 71 ... HDO 95

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	VJ
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LD-RD-DD
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Option / Opzione / Opción Option / Option	FAN with TK VENTILATORE con TK VENTILADOR con TK VENTILATEUR avec TK LÜFTER mit TK







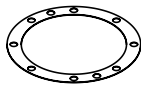
HDO 71 ... 95

HDO 71 ... HDO 95


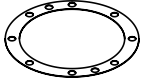




Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V020*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V040	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V050	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V060	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V070	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V080	SHIMS	SPESSORE	ESPEJOR	CALE	BELAG
V090	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V100	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V110	STEI.-CN SCREW	VITE S.T.E.I.-CN	TORNILLO STEI-CN	VIS S.T.H.C.	STEI-CN-SCHRAUBE
V120	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V130	LAMELLAR OILSEAL	ANELLO TENUTA	RETEN LAMINAR	JOINT ET.LAMELL	LAM.DICHTRING
V140	GREASE NIPPLE	INGRASSATORE DIRITTO	ENGRASADOR RECTO	GRAISSEUR DROIT	GERADE FETTBUSCHE
V280	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V290*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V300	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V310	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V320	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V330	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V340	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V350	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V360	STEI.-CN SCREW	VITE S.T.E.I.-CN	TORNILLO STEI-CN	VIS S.T.H.C.	STEI-CN-SCHRAUBE
V370	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V380	LAMELLAR OILSEAL	ANELLO TENUTA	RETEN LAMINAR	JOINT ET.LAMELL	LAM.DICHTRING
V390	GREASE NIPPLE	INGRASSATORE DIRITTO	ENGRASADOR RECTO	GRAISSEUR DROIT	GERADE FETTBUSCHE
V710	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V720	KNURLED WASHER	ROSETTA ZIGRINATA	ARANDELA PLANA GRANEADA	RONDELLE MOLETEE	GERANDELTE SCHEIBE
V730	FAN COVER	COPRIVENT	TAPA VENTIL.	CACHE VENTILAT	LUFTERHAUBE





HDO 71 ... HDO 95

Pos	Description	Descrizione	Descripción	Description	Beschreibung
V740	CARTER	CARTER	CARTER	CARTER	CARTER
V750	CARTER	CARTER	CARTER	CARTER	CARTER
V760	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V770	KNURLED WASHER	ROSETTA ZIGRINATA	ARANDELA PLANA GRANEADA	RONDELLE MOLETEE	GERANDELTE SCHEIBE
V780	FAN	VENTOLA	VENTILADOR	VENTILATEUR	LÜFTERRAD
V790	FAN BUSHING	BOCC PER VENT	CASQUILLO PARA	MANCHON P/ VENTILATEUR	LAUFRADBUCHESE
V800	STEI.-CN SCREW	VITE S.T.E.I.-CN	TORNILLO STEI-CN	VIS S.T.H.C	STEI-CN-SCHRAUBE

	Stages Stadi Etapas Étages Stufen						
		V010	V030		V060	V760	V080
HDO 71	2	14X9X100 A	M6X18	-	M10X30	M8x20	107.62X2.62
	3	12X8X100 A	M6X18	-	M10X30		91.67X3.53
	4	8X7X50 A	M6X18	-	M10X30		91.67X3.53
HDO 81	2	14X9X100 A	M6X18	-	M10X30	M8x20	139.37X2.62
	3	12X8X100 A	-	M6X20	M10X30		126.6X3.53
	4	8X7X50 A	-	M6X20	M10X30		126.6X3.53
HDO 91	2	16X10X100 A	M8X25	-	M12X40	M8x20	139.37X2.62
	3	14X9X100 A	M6X16	-	M12X40		126.6X3.53
	4	10X8X70 A	M6X20	-	M12X40		126.6X3.53
HDO 95	3	14X9X100 A	M6X16	-	M12X40	M8x20	126.6X3.53
	4	10X8X70 A	M6X20	-	M12X40		126.6X3.53






HDO 71 ... HDO 95

	Stages Stadi Étapes Stufen	 OR						
		V090	V050	V080	V130	V100	V110	V140
HDO 71	2	132.90X3.53	107.62X2.62	140X179X1.2	74X3.1X0.82	1/4 " GAS	M5X8	1/8" GAS
	3	132.90X3.53	91.67X3.53	140X179X1.2	51X2.4X0.72	1/4 " GAS	M4X8	
	4	132.90X3.53	91.67X3.53	140X179X1.2	51X2.4X0.72	1/4 " GAS	M4X8	
HDO 81	2	164.69X3.53	139.37X2.62	172X219X1.2	74X3.1X0.82	1/4 " GAS	M5X8	
	3	164.69X3.53	126.6X3.53	172X219X1.2	74X3.1X0.82	1/4 " GAS	M5X8	
	4	164.69X3.53	126.6X3.53	172X219X1.2	51X2.4X0.72	1/4 " GAS	M4X8	
HDO 91	2	171.04X3.53	139.37X2.62	180x229x1.6	74X3.1X0.82	1/4 " GAS	M5X8	
	3	158.3X3.53	126.6X3.53	180x229x1.6	74X3.1X0.82	1/4 " GAS	M5X8	
	4	158.3X3.53	126.6X3.53	165X214X1.6	51X2.4X0.72	1/4 " GAS	M4X8	
HDO 95	3	158.3X3.53	126.6X3.53	165X214X1.6	74X3.1X0.82	1/4 " GAS	M5X8	
	4	158.3X3.53	126.6X3.53	165X214X1.6	51X2.4X0.72	1/4 " GAS	M4X8	

				
	V720	V770	V800	V140
HDO 71	D 8.4	D 8.4	M6X8	1/8" GAS
HDO 81	D 8.4	D 8.4	M6X8	1/8" GAS
HDO 91	D 8.4	D 8.4	M6X10	1/8" GAS
HDO 95	D 8.4	D 8.4	M6X10	1/8" GAS

HDO 71 ... 95

HDO 71 ... HDO 95

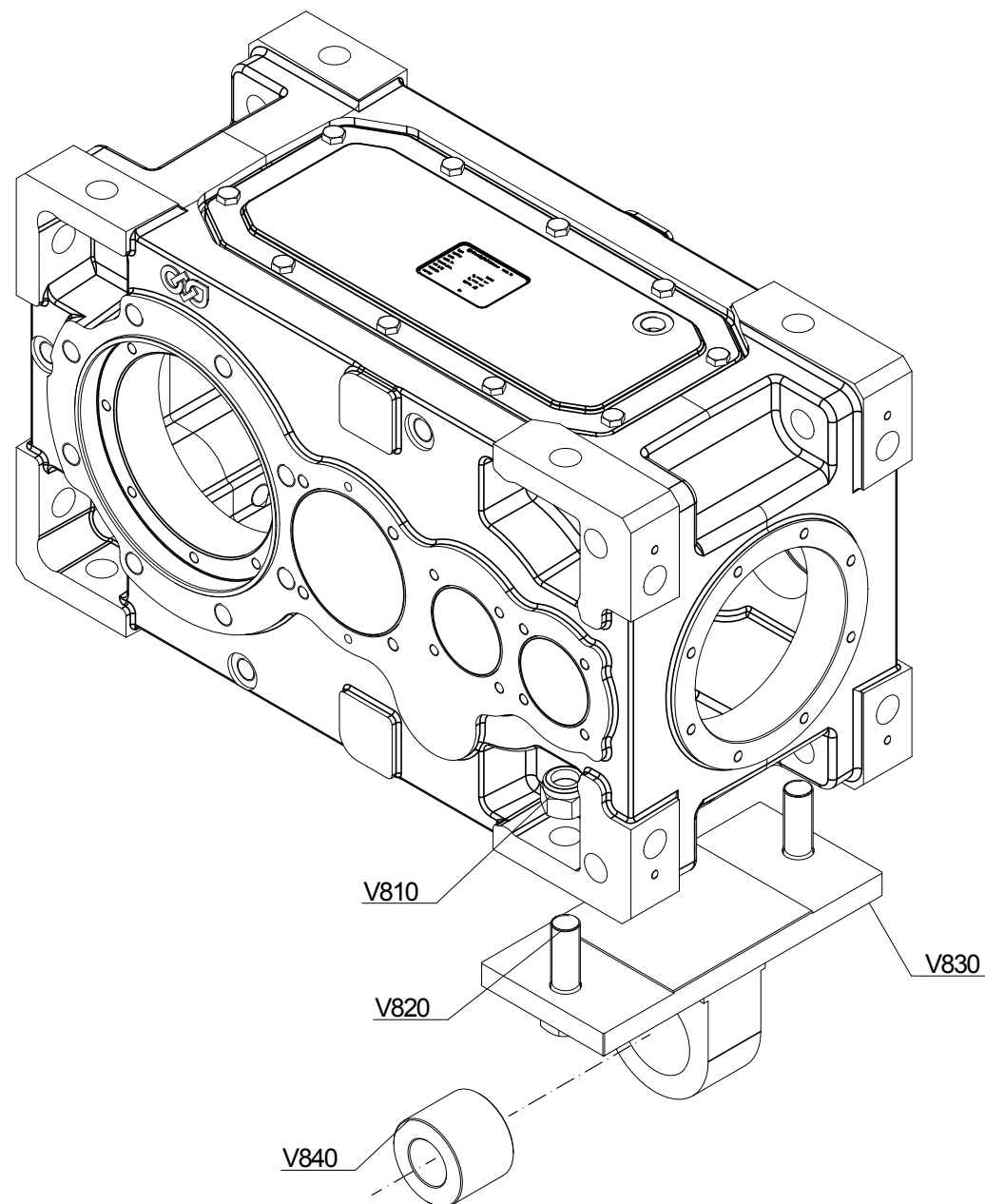
						
	V280	V300	V340	V320	V330	V350
HDO 71	12X8X100 A	M6X18	-	91.67X3.53	1/4" GAS	M10X25
HDO 81	12X8X100 A	M6X20	M10X25	126.6X3.53	1/4" GAS	M10X25
HDO 91	14X9X100 A	M6X16	-	126.6X3.53	1/4" GAS	M10X25
HDO 95	14X9X100 A	M6X16	-	126.6X3.53	1/4" GAS	M10X25

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NOTE: V290* Refer page no: 284 / NOTA: V290* Vedere pagina n°: 284 / NOTAS: V290* Consultar página n.º: 284 / NOTE : V290* Se référer à la page n° : 284 / HINWEIS: V290* Siehe Seite: 284



HDO 71 ... HDO 95

Size / Taglia / Tamaño Taille / Größe	ALL
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Option / Opzione / Opción Option / Option	TA

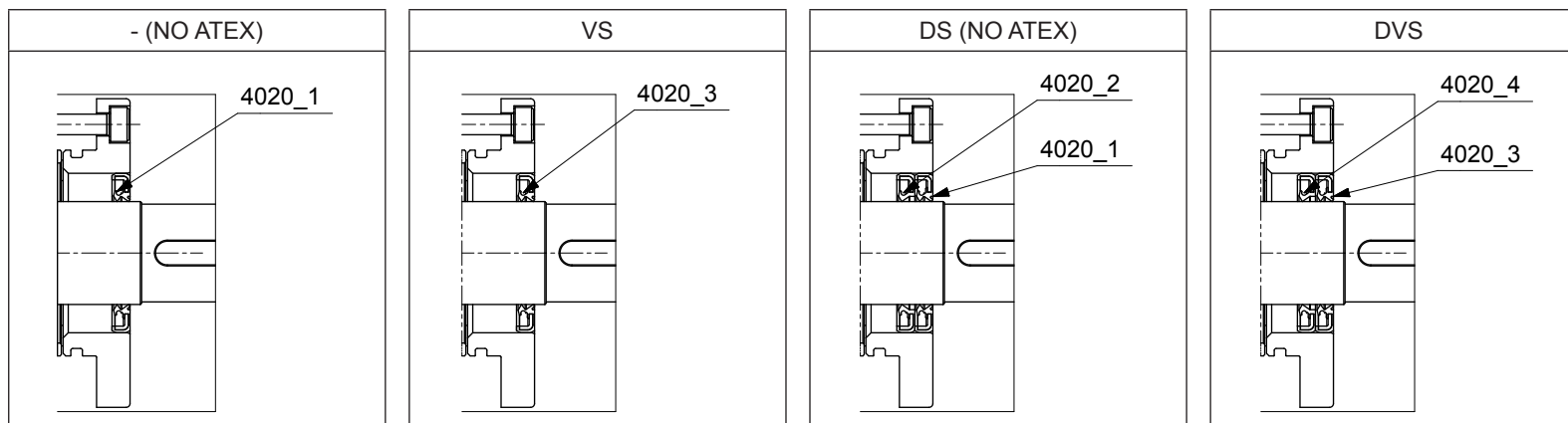


HDO 71 ... HDO 95

Pos	Description	Descrizione	Descripción	Description	Beschreibung
V810	LOCKING NUT	DADO AUT	DADO	ECROU AUT.STD	NORMBREMSENMUTTER
V820	T.E SCREW	VITE T.E.PARZ.FIL	TORNILLO T.E.	VIS T.H.PART.FIL.	T.E.-SCHRAUBE
V830	BRACKET	STAFFA	CARTELA	ETRIER	DREHMOMENTSTÜTZ
V840	ANTIVIB.BUSHING	BOCC ANTIVIBR	CASQUILLO	MANCHON ANTIVIBR	DAMMBUCHSE

		
	V810	V820
HDO 71	M20	M20X70
HDO 81	M24	M24X85
HDO 91	M27	M27X100
HDO 95	M27	M27X100

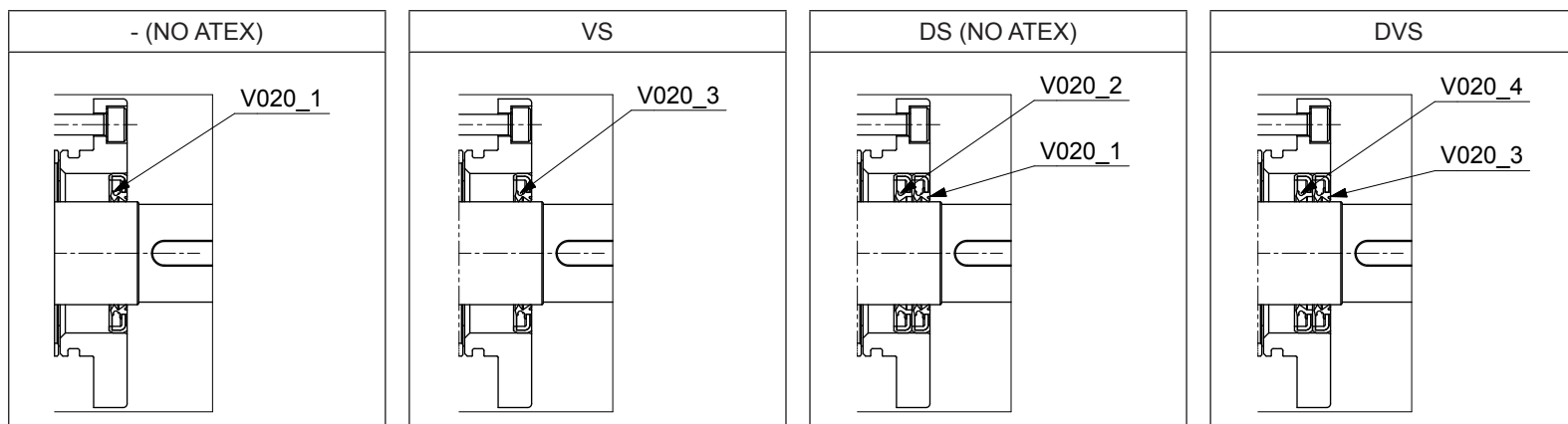
HDO 71 ... HDO 95



4020*	OILSEAL - 4020*			
	4020_1	4020_2	4020_3	4020_4
HDO 71	105X130X12 DL	105X130X12 L	105X130X12 DL	105X130X12 L
HDO 81	120X150X12 DL	120X150X12 L	120X150X12 DL	120X150X12 L
HDO 91	140X170X15 DL	140X170X12 L	140X170X13 DL	140X170X12 L
HDO 95	150X180X15 DL	150X180X13 L	150X180X15 DL	150X180X13 L

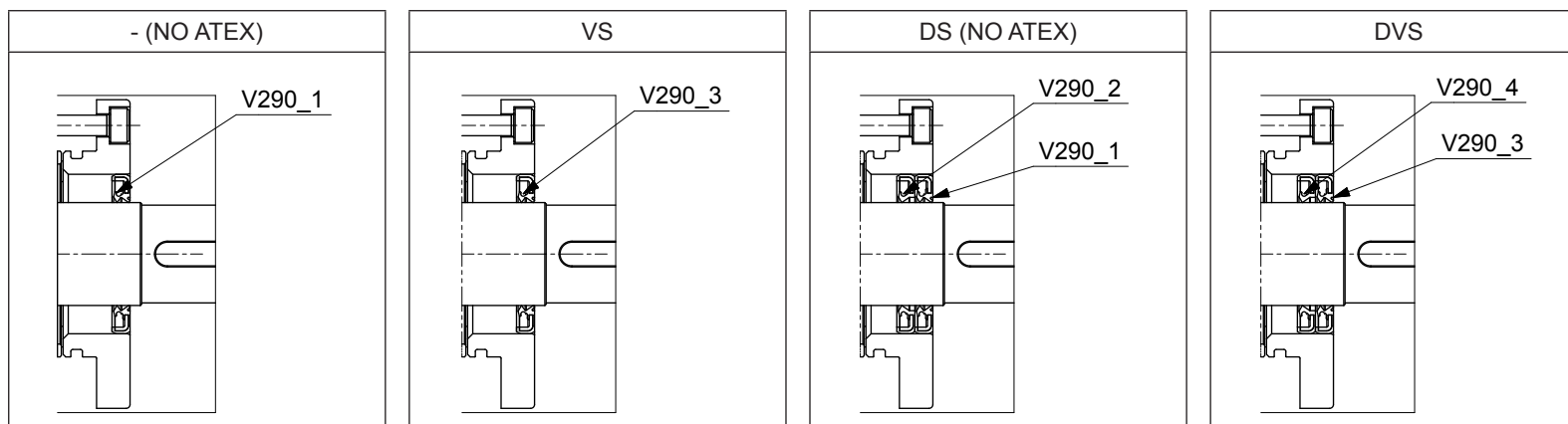
HDO 71 ... 95

HDO 71 ... HDO 95



V020*	Stages / Stadi / Etapas Étages / Stufen	OILSEAL - V020*			
		V020_1	V020_2	V020_3	V020_4
HDO 71	2	50X68X8 DL	50X68X8 L	50X68X8 DL	50X68X8 L
	3	35X62X7 DL	35X62X7 L	35X62X7 DL	35X62X7 L
	4	30X62X7 DL	30X62X7 L	30X62X7 DL	30X62X7 L
HDO 81	2	60X80X10 DL	60X80X10 L	60X80X8 DL	60X80X10 L
	3	50X68X8 DL	50X68X8 L	50X68X8 DL	50X68X8 L
	4	35X62X7 DL	35X62X7 L	35X62X7 DL	35X62X7 L
HDO 91	2	60X80X10 DL	60X80X10 L	60X80X8 DL	60X80X10 L
	3	50X72X8 DL	50X72X8 L	50X72X8 DL	50X72X8 L
	4	35X62X7 DL	35X62X7 L	35X62X7 DL	35X62X7 L
HDO 95	2	60X80X10 DL	60X80X10 L	60X80X8 DL	60X80X10 L
	3	50X72X8 DL	50X72X8 L	50X72X8 DL	50X72X8 L
	4	35X62X7 DL	35X62X7 L	35X62X7 DL	35X62X7 L


HDO 71 ... HDO 95




V290*	OILSEAL - V290*			
	V290_1	V290_2	V290_3	V290_4
HDO 71	35X62X7 DL	35X62X7 L	35X62X7 DL	35X62X7 L
HDO 81	50X68X8 DL	50X68X8 L	50X68X8 DL	50X68X8 L
HDO 91	50X72X8 DL	50X72X8 L	50X72X8 DL	50X72X8 L
HDO 95	50X72X8 DL	50X72X8 L	50X72X8 DL	50X72X8 L


HDO 71 ... 95

HDO 71 ... HDO 95

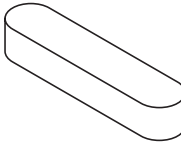
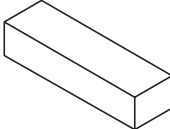
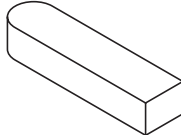
V021*	OILSEAL - V021*		
	132	160-180-200	
HDO 71	60X110X13	90X130X12	
HDO 81	-	90X130X12	
HDO 91	-	90X130X12	
HDO 95	-	90X130X12	

V022*	Stages / Stadi / Etapas Étages / Stufen	OILSEAL - G-V022*		
HDO 71	2	50x68x8		
	3	35x62x7		
	4	30X62X7		
HDO 81	2	60X80X10		
	3	50X80X8		
	4	35X80X10		
HDO 91	2	60X80X10		
	3	50X80X8		
	4	35X80X10		
HDO 95	2	60X80X10		
	3	50X80X8		
	4	35X80X10		

HDO 71 ... HDO 95

V023*	Stages / Stadi Etapas / Étages Stufen	OILSEAL - NG-V023*							
		N180	N210	N250	N280	N320	N360	N400	
HDO 71	2	-	-	-	-	50X68X8 DL	50X68X8 DL	-	
	3	-	35X62X7 DL	35X62X7 DL	35X62X7 DL	35X62X7 DL	35X62X7 DL	-	
HDO 81	2	-	-	-	-	60X80X10 DL	60X80X10 DL	60X80X10 DL	
	3	-	-	50X80X8 DL	50X80X8 DL	50X80X8 DL	50X80X8 DL	50X80X8 DL	
HDO 91	2	-	-	-	-	60X80X10 DL	60X80X10 DL	60X80X10 DL	
	3	-	-	50X80X8 DL	50X80X8 DL	50X80X8 DL	50X80X8 DL	50X80X8 DL	
	4	35X80X10 DL	35X80X10 DL	35X80X10 DL	35X80X10 DL	35X80X10 DL	35X80X10 DL	-	
HDO 95	3	-	-	50X80X8 DL	50X80X8 DL	50X80X8 DL	50X80X8 DL	50X80X8 DL	
	4	35X80X10 DL	35X80X10 DL	35X80X10 DL	35X80X10 DL	35X80X10 DL	35X80X10 DL	-	

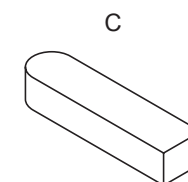
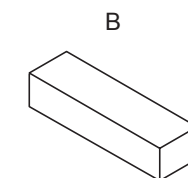
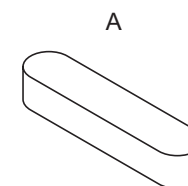
HDO 71 ... HDO 95

V010*	KEY - V010*			
	NG SIZE / TAGLIA NG / TAMAÑO NG TAILLE NG / NG-BAUGRÖSSE	Size / Taglia / Tamaño Taille / Größe	RATIO	
HDO 71	180	-	ALL	 <p>A</p>
	210	10X8X70 A	21.8-71.9	
	250	10X8X70 A	21.8-71.9	
	280	10X8X70 A	21.8-71.9	
	320	14X9X48 C	5.6-14.6	
		10X8X70 A	21.8-71.9	
	360	14X9X48 C	5.6-14.6	
		10X8X70 A	21.8-71.9	
400	-	-		
HDO 81	180	-	-	 <p>B</p>
	210	-	-	
	250	12X8X77 C	25.9-71.9	
	280	12X8X100 A	25.9-71.9	
	320	14X9X85 C	5.5-14.7	
		12X8X77 C	25.-71.9	
	360	14X9X100 A	5.5-14.7	
		12X8X77 C	25.9-71.9	
	400	14X9X100 A	5.5-14.7	
		12X8X77 C	25.9-71.9	
			 <p>C</p>	

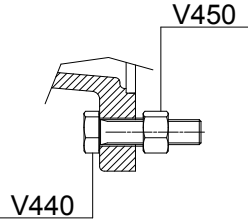
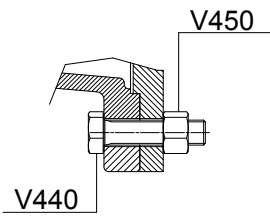
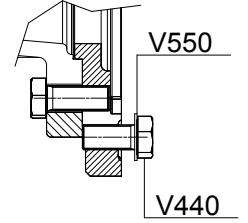
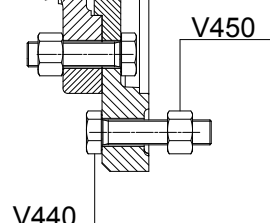
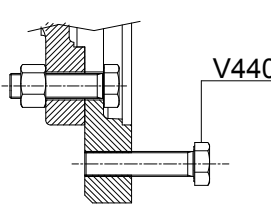
HDO 71 ... 95

HDO 71 ... HDO 95

V010*	KEY - V010*		
	NG SIZE / TAGLIA NG / TAMAÑO NG TAILLE NG / NG-BAUGRÖSSE	Size / Taglia / Tamaño Taille / Größe	RATIO
HDO 91	180	10X8X62 C	-
	210	10X8X62 C	82-489.3
	250	14X9X91 C	18.6-66.1
		10X8X62 C	82-489.3
	280	14X9X100 A	18.6-66.1
		10X8X62 C	82-489.3
	320	16X10X100 A	5.1-15.9
		14X9X91 C	18.6-66.1
		10X8X70 A	82-489.3
	360	16X10X100 A	5.1-15.9
		14X9X91 C	18.6-66.1
		10X8X70 A	82-489.3
	400	16X10X100 A	5.1-15.9
		14X9X100 A	18.6-66.1
HDO 95	180	10X8X62 C	-
	210	10X8X62 C	82-489.3
	250	14X9X91 C	18.6-66.1
		10X8X62 C	82-489.3
	280	14X9X100 A	18.6-66.1
		10X8X62 C	82-489.3
	320	16X10X100 A	5.1-15.9
		14X9X91 C	18.6-66.1
		10X8X70 A	82-489.3
	360	16X10X100 A	5.1-15.9
		14X9X91 C	18.6-66.1
		10X8X70 A	82-489.3
	400	16X10X100 A	5.1-15.9
		14X9X100 A	18.6-66.1

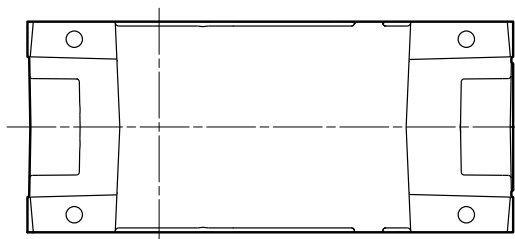


HDO 71 ... HDO 95

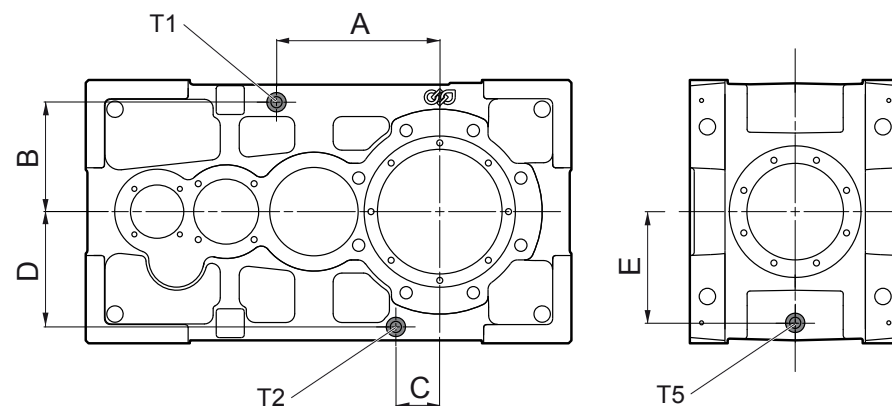
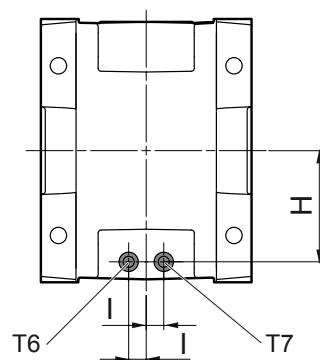
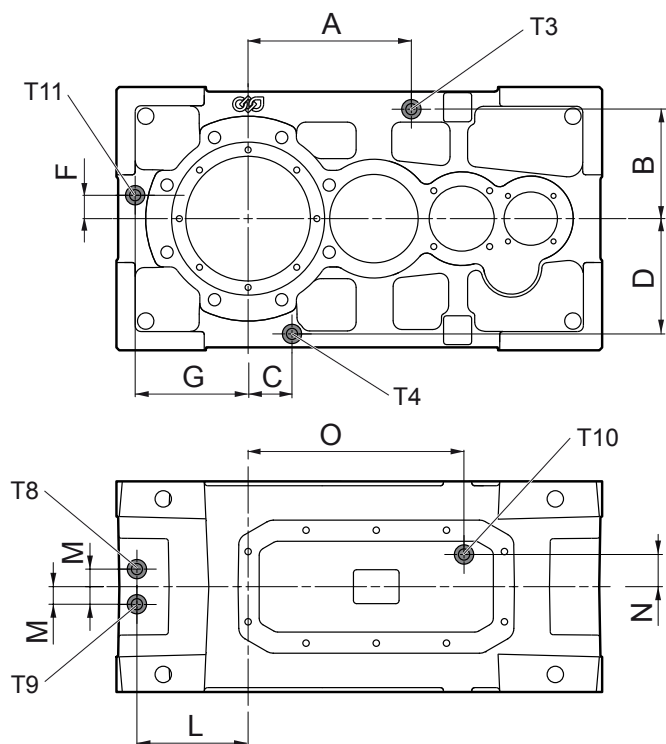
#-G															
	Stages Stadi Etapas Étages Stufen	Size Taglia Tamaño Taille Größe	PAM	V440	V450	PAM	V440	V450	PAM	V440	V450	PAM	V440	V450	PAM
2	71	P 225	M16X60	M16	-	-	-	P 200	M16X40	-	-	-	-	-	-
	81	P 225	M16X60	M16	-	-	-	P 200	M16X35	-	P 250-280	M16X70	M16	-	-
	91	P 225	M16X70	M16	-	-	-	P 200	M16X40	-	P 250-280	M16X70	M16	-	-
3	71	P 132/160 P 180/225	M16X60	M16	-	-	-	P 200	M16X40	-	-	-	-	-	-
	81	P 225	M16X60	M16	P 160/180	M16X60	M16	P 200	M16X35	-	P 250-280	M16X70	M16	-	-
	91	P 225	M16X70	M16	P 160/180	M16X85	M16	P 200	M16X40	-	P 250-280	M16X70	M16	-	-
	95	P 225	M16X70	M16	-	-	-	P 200	M16X40	-	P 250-280	M16X70	M16	-	-
4	71	P 132	M12X50	M12	-	-	-	P 100/112	M12X35	13X12X2.5	-	-	-	-	-
		P160/180	M16X60	M16	-	-	-	-	-	-	-	-	-	-	-
	81	P 160/180	M16X60	M16	-	-	-	P 132	M16X40	-	-	-	-	P 100/112	M12X40
		-	-	-	-	-	-	P 200	M16X45	-	-	-	-	-	-
	91-95	P 112	M12X45	M12	-	-	-	P 200	M16X40	-	-	-	-	-	P 132
P160/180		M16X60	M16	-	-	-	-	-	-	-	-	-	-	-	
P225		M16X70	M16	-	-	-	-	-	-	-	-	-	-	-	

HDO 71 ... 95

HDO 71 ... HDO 95



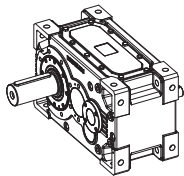
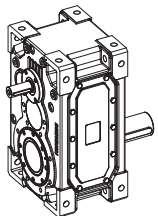
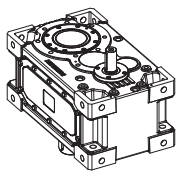
	A	B	C	D	E	F	G	H	I	L	M	N	O
HDO 71 2 HDO 71 3 HDO 71 4	208	137	70	149	147	0	135	147	30	122	30	35	247.5
HDO 81 2 HDO 81 3 HDO 81 4	267	162	65	175	173	25	160	173	30	158	30	55	326



HDO 71 ... 95

	A	B	C	D	E	F	G	H	I	L	M	N	O
HDO 91 2	190	187	75	197	190	40	193	190	30	190	30	55	281
HDO 91 3 HDO 91 4	279	187	75	197	190	40	193	190	30	190	30	55	369
HDO 95 3 HDO 95 4	220	211	80	222	215	30	218	215	30	217	30	55	200

HDO 71 ... HDO 95

	B3												
	T1	T2	T3	T4	T5	T6	T7	T8		T9		T10	T11
	T	T	T	T	S	T	T	Exec. 1	Exec. 2	Exec. 1	Exec. 2	T	T
								T	L/C	L/C	T		
	B6												
	T1	T2		T3	T4		T5	T6	T7	T8	T9	T10	T11
	T	Exec. 1	Exec. 2	T	Exec. 1	Exec. 2	L/C C (#)	T	T	T	S	T L (#)	T
	T	●		●	T								
	B7												
	T1	T2	T3	T4	T5	T6	T7	T8		T9		T14L	T14R
	T	T	T	T	S	T	T	Exec. 1	Exec. 2	Exec. 1	Exec. 2	T	T
							T	C	C	T			
	V5 (*)												
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11		
	C	T	S	T	T	T	T	T	T	L	T		

C = Filler plug with air vent / *Tappo riempimento con sfiato* / Tapón de llenado con ventilación / *Bouchon de remplissage avec purge d'air* / Einfüllschraube mit Entlüftungsöffnung

L = Level plug / *Tappo di livello* / Tapón de nivel / Bouchon de niveau / Ölstandsschraube

S = Drain plug / *Tappo di scarico* / Tapón de drenaje / Bouchon de vidange / Ablassschraube

T = Blank plug / *Tappo cieco* / Tapón ciego / *Bouchon aveugle* / Blindstopfen

● = No plug present / *Nessun tappo presente* / No dispone de *tapón* / *Aucun bouchon présent* / Kein Verschluss vorhanden

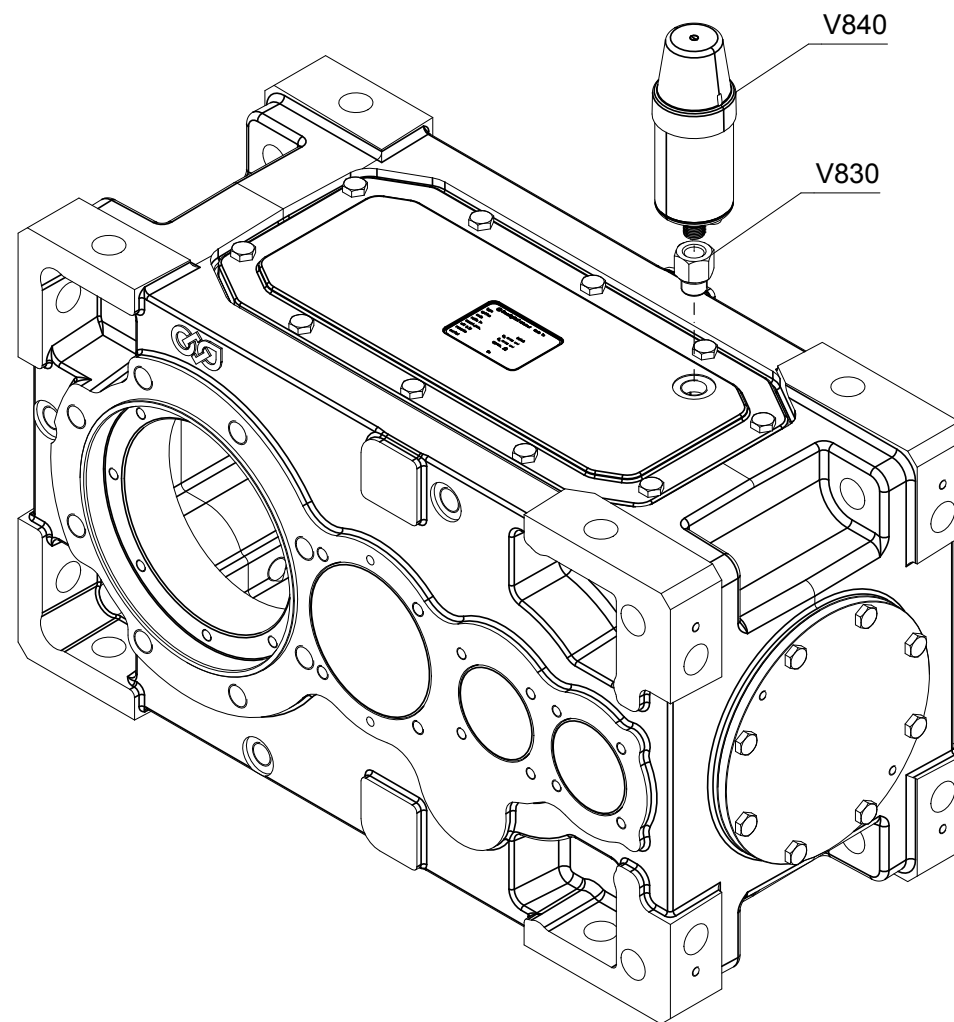
L = Overflow level plug / *Tappo controllo livello di troppo pieno* / Tapón de rebose / *Bouchon contrôle niveau de trop-plein* / Überlaufpegelschraube



(#) = 71-81-91: 3 Stages / *71-81-91: 3 Stadi* / 71-81-91: 3 Etapas / *71-81-91 : 3 Étages* / 71-81-91: 3 Stufen

(*) = Excluding DW / *DW escluso* / Excepto DW / *À l'exclusion de DW* / Unter Ausschluss von DW

HDO 71 ... HDO 95

Size / Taglia / Tamaño Taille / Größe	ALL
Stages / Stadi / Etapas Étages / Stufen	ALL
Plugs / Tappi / Tapones Bouchons / Verschlüsse	DBF



		
	V840	V830
HDO 71-95	DC-HG-1 DES	M-F 1/2-3/8

Pos	Description	Descrizione	Descripción	Description	Beschreibung
V830	BREATHER PLUG	TAPPO SFIATO	TAPON RESPIR.	BOUCHON RENIFL	ENTLUEFTER
V840	REDUCTION FILL	RACCORDO RIDUZ	EMPALME REDUC	RACCORD REDUC	REDUZIERSTUECK

HDO 71 ... HDO 95

Size / Taglia / Tamaño Taille / Größe	ALL
Stages / Stadi / Etapas Étages / Stufen	2
Bearing Position / Posizione del cuscinetto Posición de rodamiento / Position roulement Lagerposition	

4 L

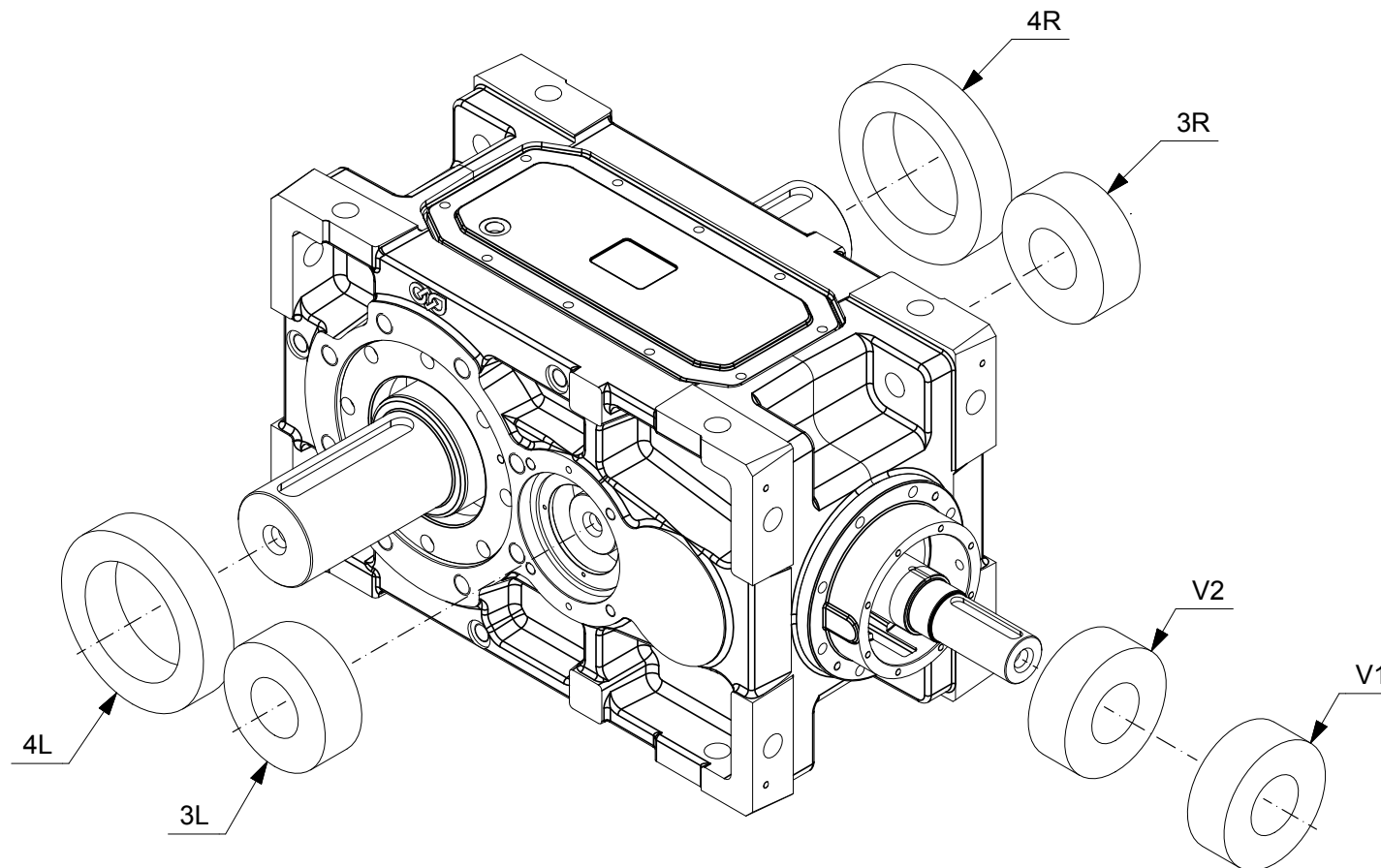
Side / Lato / Lado / Côté / Seite

L Left / *Sinistra* / Izquierdo /
Gauche / Links

R Right / *Destra* / Derecho /
Droite / Rechts

AXIS / ASSE / EJE / AXE / ACHSE

4, 3, 2, 1, V



HDO 71 ... HDO 95

Size / Taglia / Tamaño Taille / Größe	ALL
Stages / Stadi / Etapas Étages / Stufen	3
Bearing Position / Posizione del cuscinetto Posición de rodamiento / Position roulement Lagerposition	

4 L

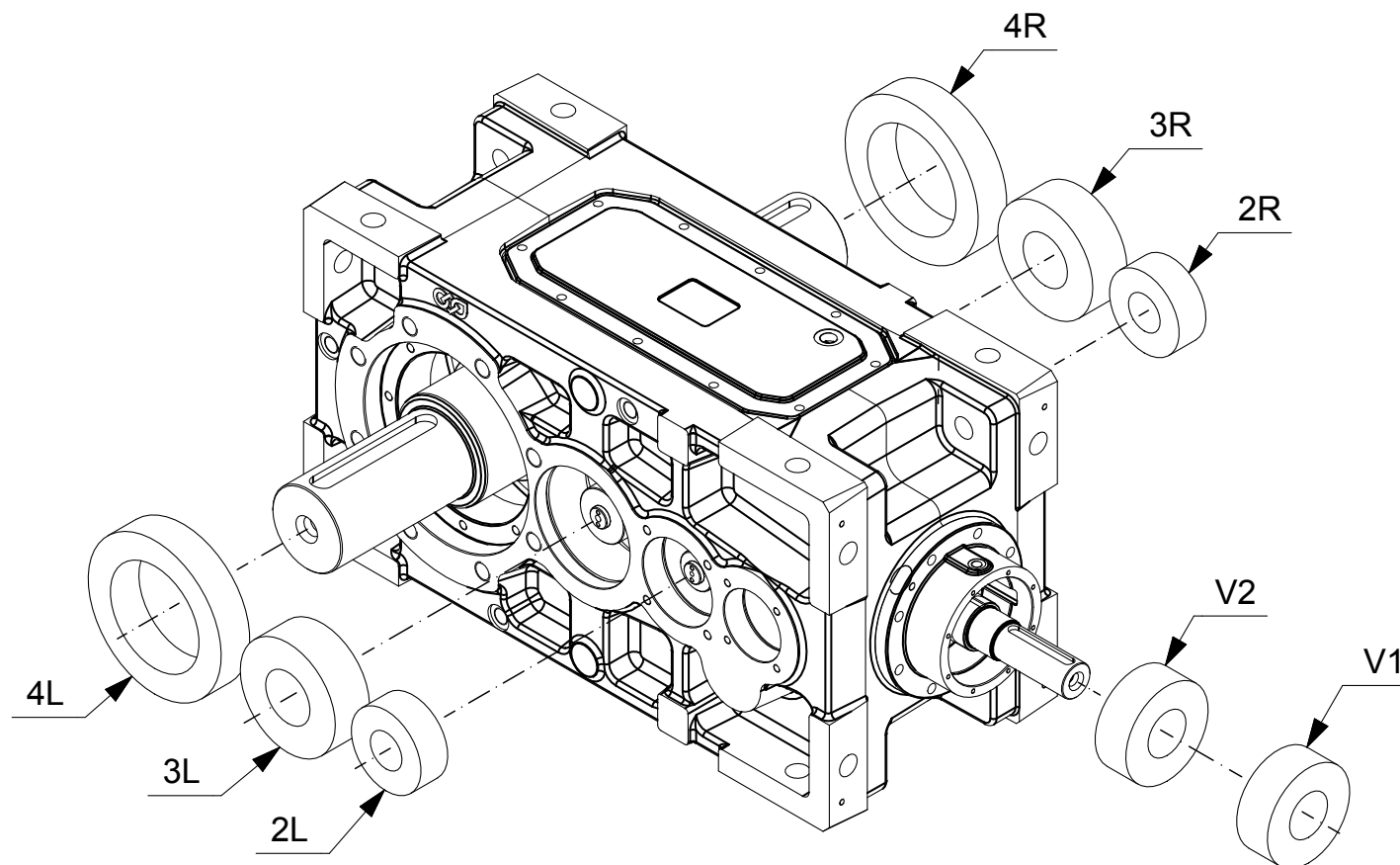
Side / Lato / Lado / Côté / Seite

L Left / *Sinistra* / Izquierdo /
Gauche / Links

R Right / *Destra* / Derecho /
Droite / Rechts

AXIS / ASSE / EJE / AXE / ACHSE

4, 3, 2, 1, V



HDO 71 ... HDO 95

Size / Taglia / Tamaño Taille / Größe	ALL
Stages / Stadi / Etapas Étages / Stufen	4
Bearing Position / Posizione del cuscinetto Posición de rodamiento / Position roulement Lagerposition	

4 L

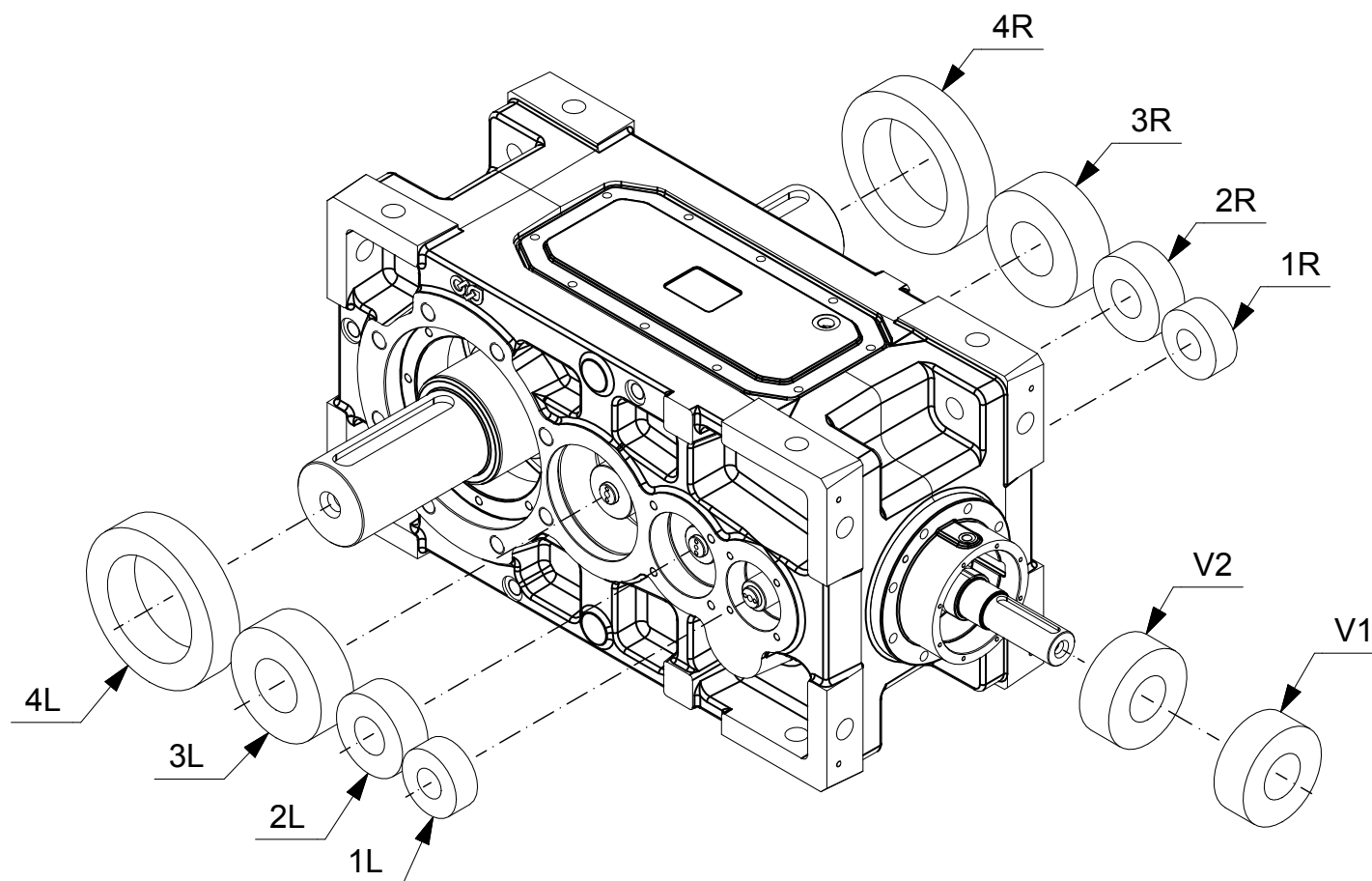
Side / Lato / Lado / Côté / Seite

L Left / *Sinistra* / Izquierdo /
Gauche / Links

R Right / *Destra* / Derecho /
Droite / Rechts

AXIS / ASSE / EJE / AXE / ACHSE

4, 3, 2, 1, V



HDO 71 ... HDO 95

Size / Taglia / Tamaño Taille / Größe	ALL
Stages / Stadi / Etapas Étages / Stufen	3 & 4
Option / Opzione / Opción Option / Option	AD
Bearing Position / Posizione del cuscinetto Posición de rodamiento / Position roulement Lagerposition	

4 L

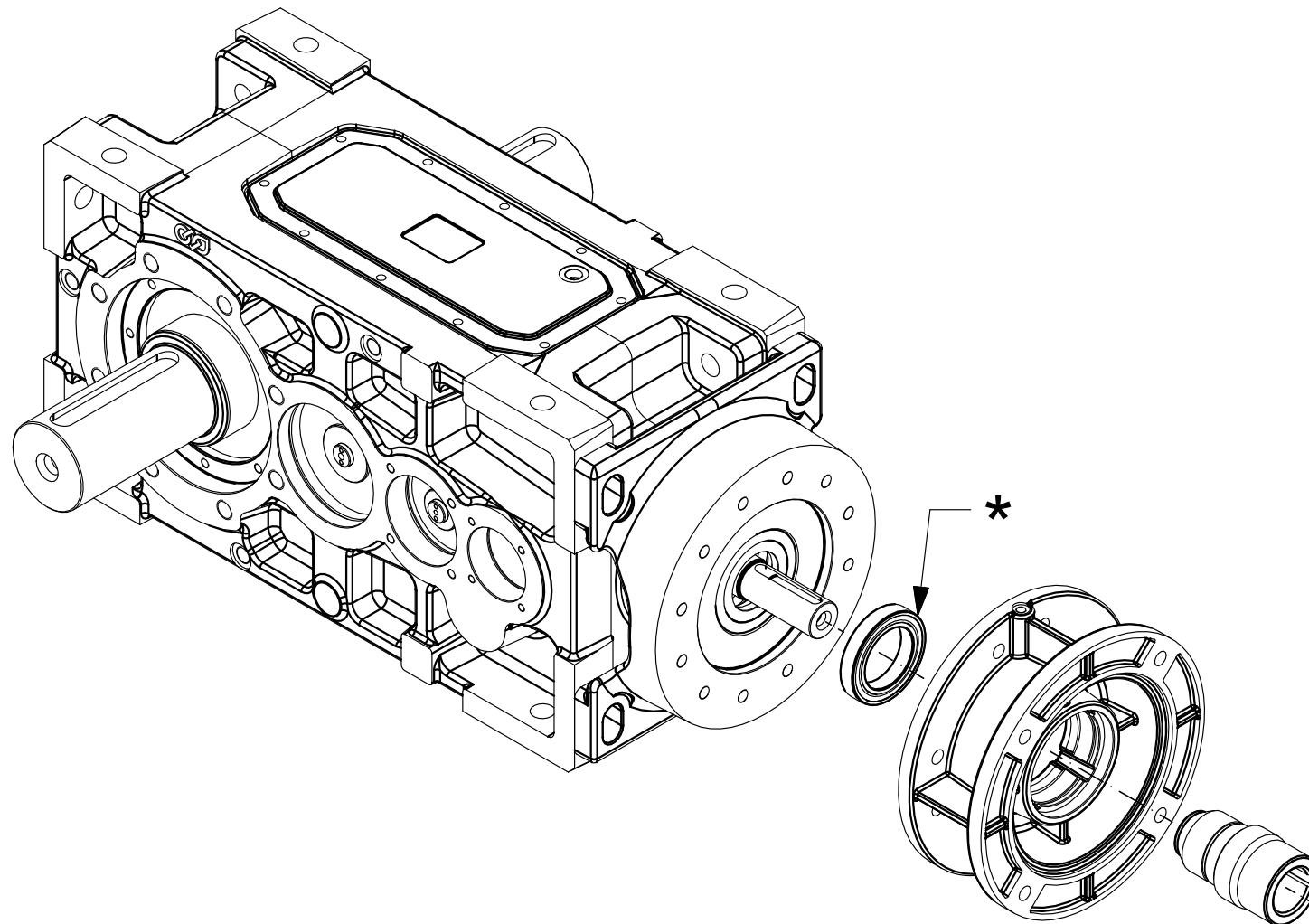
Side / Lato / Lado / Côté / Seite

L Left / *Sinistra* / Izquierdo /
Gauche / Links

R Right / *Destra* / Derecho /
Droite / Rechts

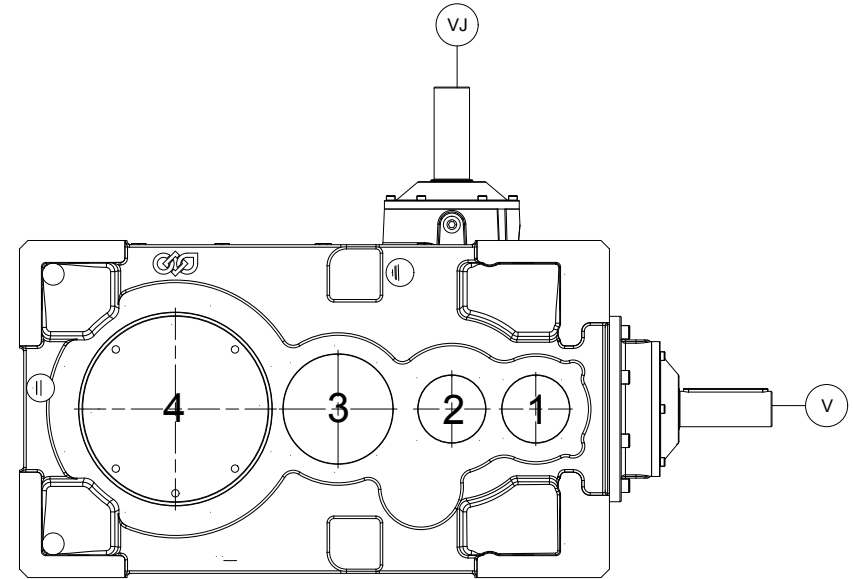
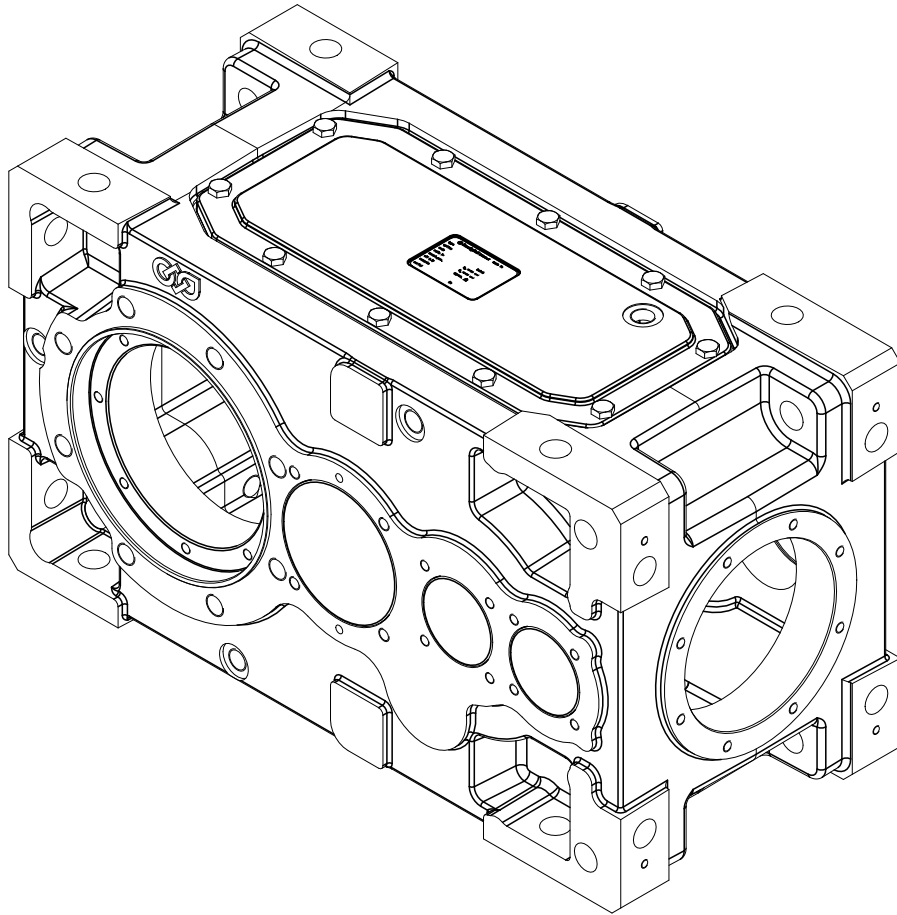
AXIS / ASSE / EJE / AXE / ACHSE

4, 3, 2, 1, V



HDO 71 ... 95

NOTE: * only for AD option / NOTA: * soltanto per opzione AD / NOTAS: * solo para la opción AD / NOTE: * uniquement pour option AD / HINWEIS: * nur für die AD-Option

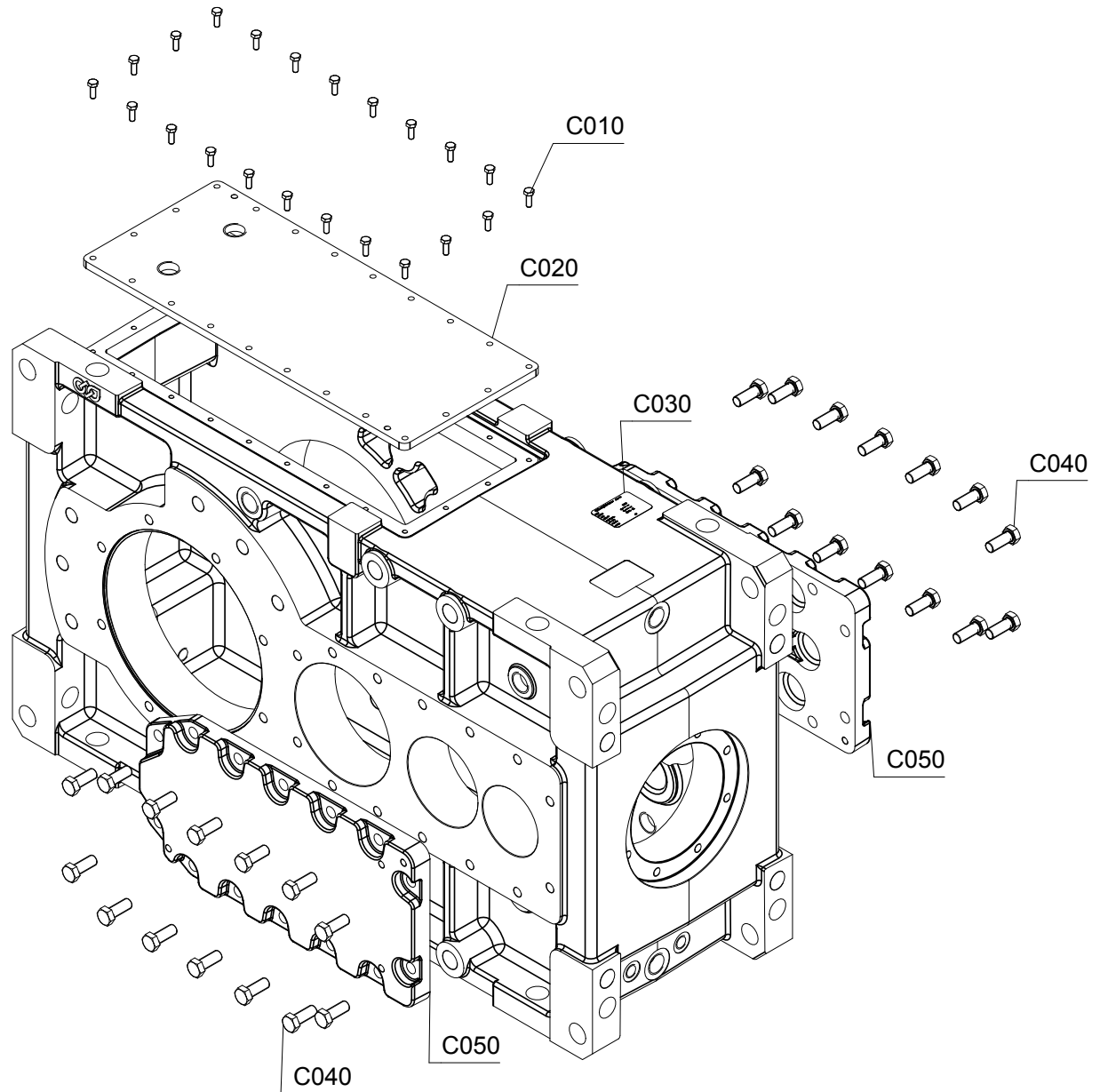


HDO 100 ... 140

Stages / Stadi Etapas / Étages / Stufen	AXIS / ASSE / EJE / AXE / ACHSE				
	Input / Ingresso / Entrada / Entrée / Eingang	-	-	-	Output / Uscita / Salida / Sortie / Ausgang
4	V/VJ	1	2	3	4
3	V/VJ	-	2	3	4
2	V/VJ	-	-	3	4

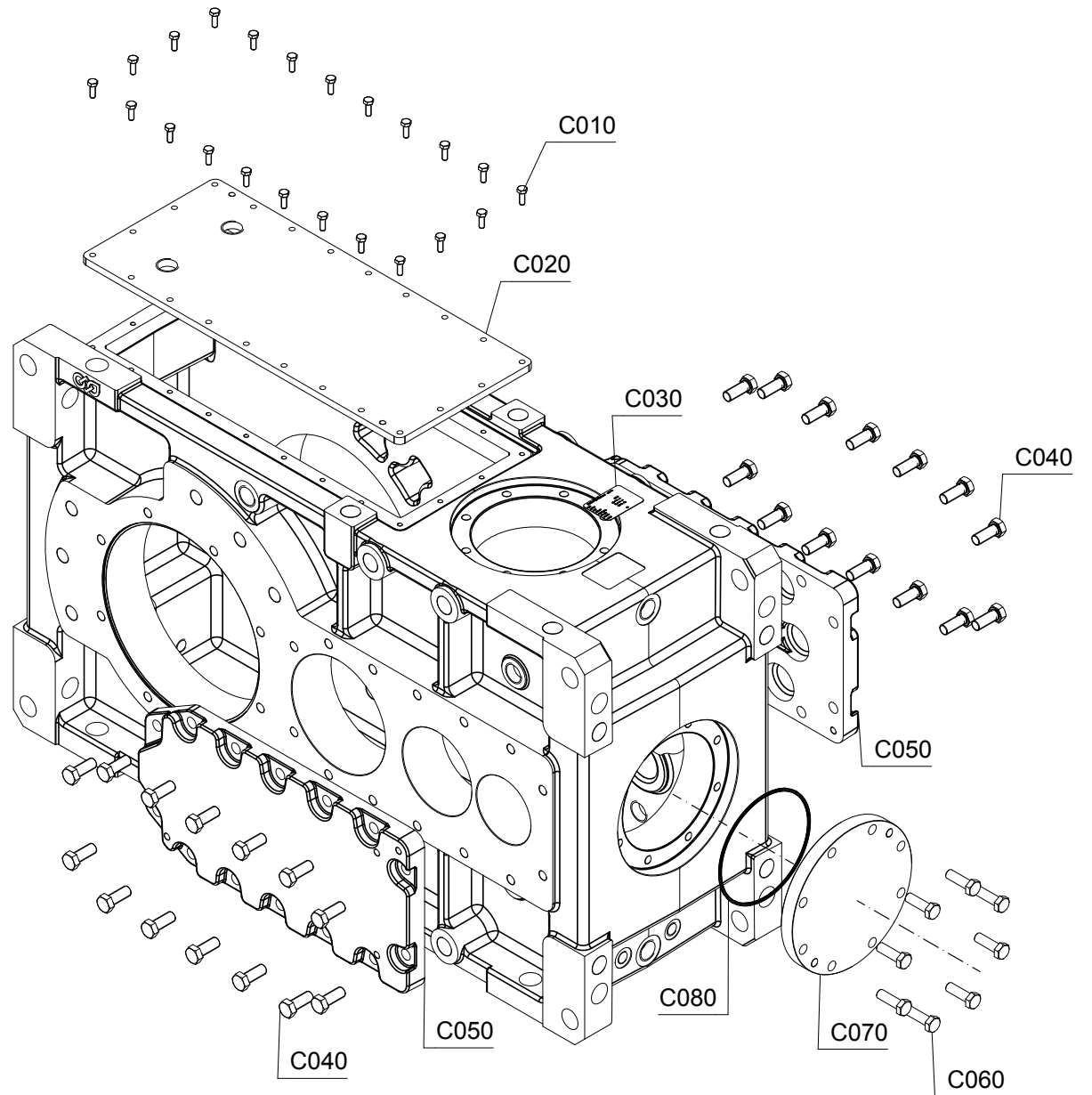
HDO 100 ... HDO 140

Size / Taglia / Tamaño Taille / Größe	100 / 110 / 120 / 125
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	COMMON



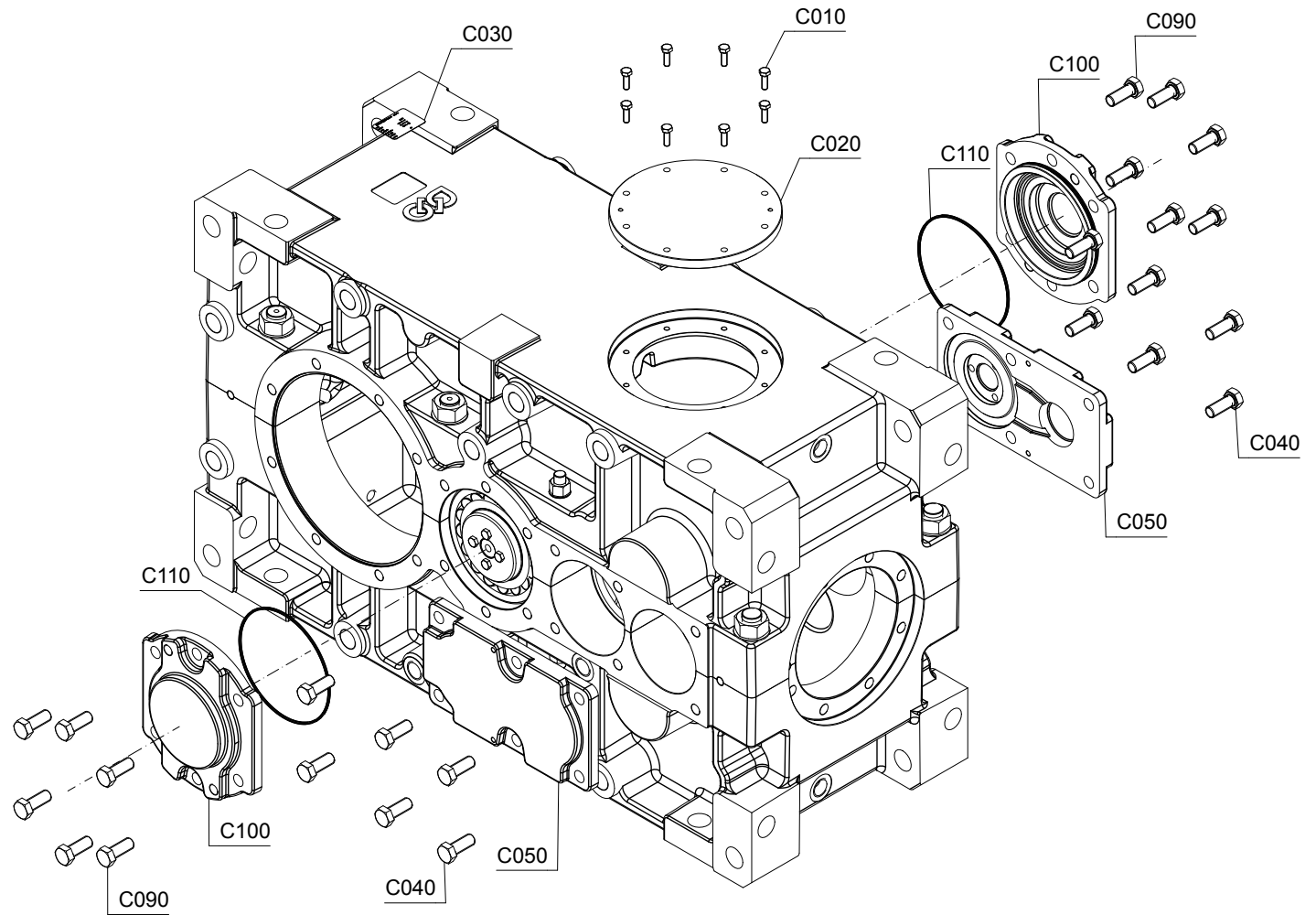
HDO 100 ... HDO 140

Size / Taglia / Tamaño Taille / Größe	100 / 110 / 120 / 125
Axis / Asse / Eje Axe / Achse	VJ
Stages / Stadi / Etapas Étages / Stufen	3
Type / Tipo / Tipo Type / Typ	COMMON



HDO 100 ... HDO 140

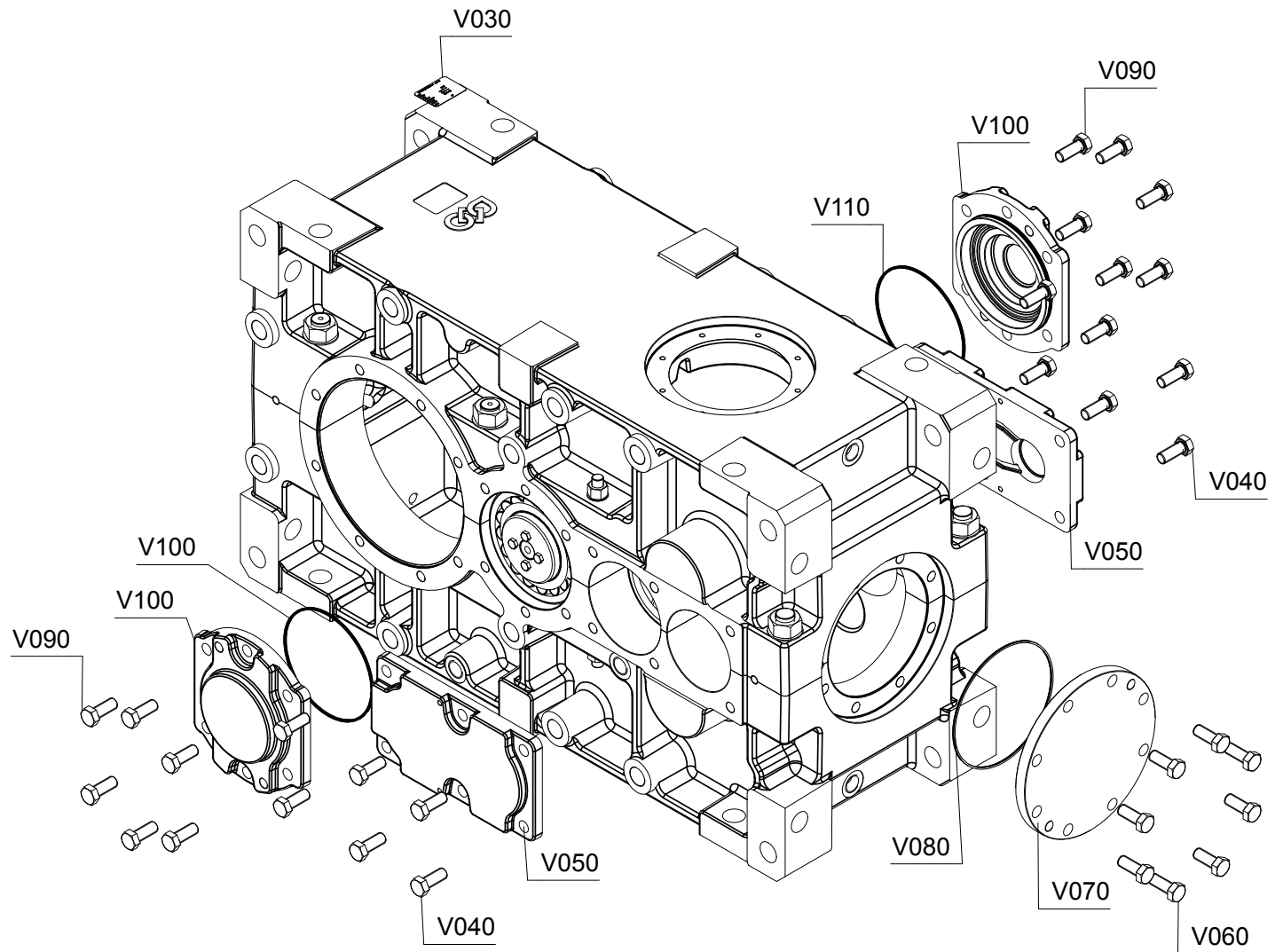
Size / Taglia / Tamaño Taille / Größe	130 & 140
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	COMMON



HDO 100 ... 140

HDO 100 ... HDO 140

Size / Taglia / Tamaño Taille / Größe	130 & 140
Axis / Asse / Eje Axe / Achse	VJ
Stages / Stadi / Etapas Étages / Stufen	3
Type / Tipo / Tipo Type / Typ	COMMON





HDO 100 ... 140

HDO 100 ... HDO 140

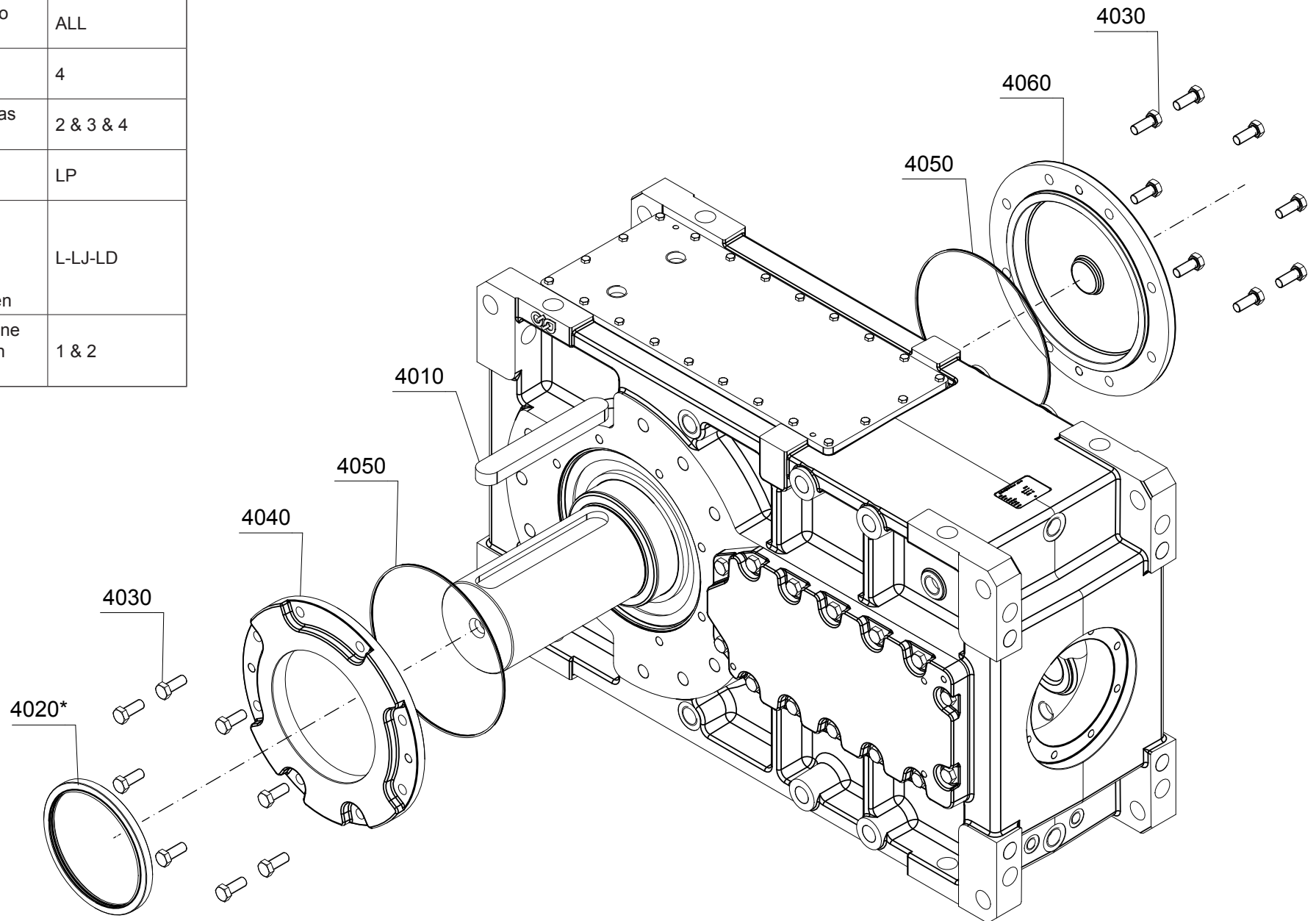
Pos	Description	Descrizione	Descripción	Description	Beschreibung
C010	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
C020	INSPECTION COVER	COPER DI ISPEZIONE	TAPA DE INSPECCION	COUVERCLE DE VISITE	SCHAUDECKEL
C030	BLANK NAME PLATE	TARG VUOTA	TARJETA VIRGEN	PLAQUE VIDE	TYPENSCHILD
C040	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
C050	PLAIN COVER	COPERCHIO CHIU	TAPA DE CIERRE	COUV.FERMETURE	SCHLUSSDECKEL
C060	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
C070	PLAIN CAP	CAPPEL CHIUSO	SOMBRETERE	CAPUCHON FERME	SCHLUSSDECKEL
C080	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
C090	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
C100	PLAIN CAP	CAPPEL CHIUSO	SOMBRETERE	CAPUCHON FERME	SCHLUSSDECKEL
C110	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET

HDO 100 ... HDO 140

	Stages Stadi Etapas Étages Stufen					 OR	
		C010	C040	C060	C090	C080	C110
HDO 100	2 & 4	M8X22	M14X40	-	-	-	-
	3			M14X45		177.4X3.53	
HDO 110	2 & 4	M8X22	M14X40	-	-	-	-
	3			M14X45		177.4X3.53	
HDO 120	2 & 4	M8X22	M16X40	-	-	-	-
	3			M14X45		177.4X3.53	
HDO 125	2 & 4	M8X22	M16X40	-	-	-	-
	3			M14X45		177.4X3.53	
HDO 130	2	M8X22	M 20X45	-	M20X50	-	202.79X3.53
	3	M10X30	M 20X50	M20X50		228.2X2.53	
	4			-		-	
HDO 140	2	M8X22	M 20X45	-	M20X50	-	240.89X3.53
	3	M10X30	M 20X50	M20X50		228.2X2.53	
	4			-		-	

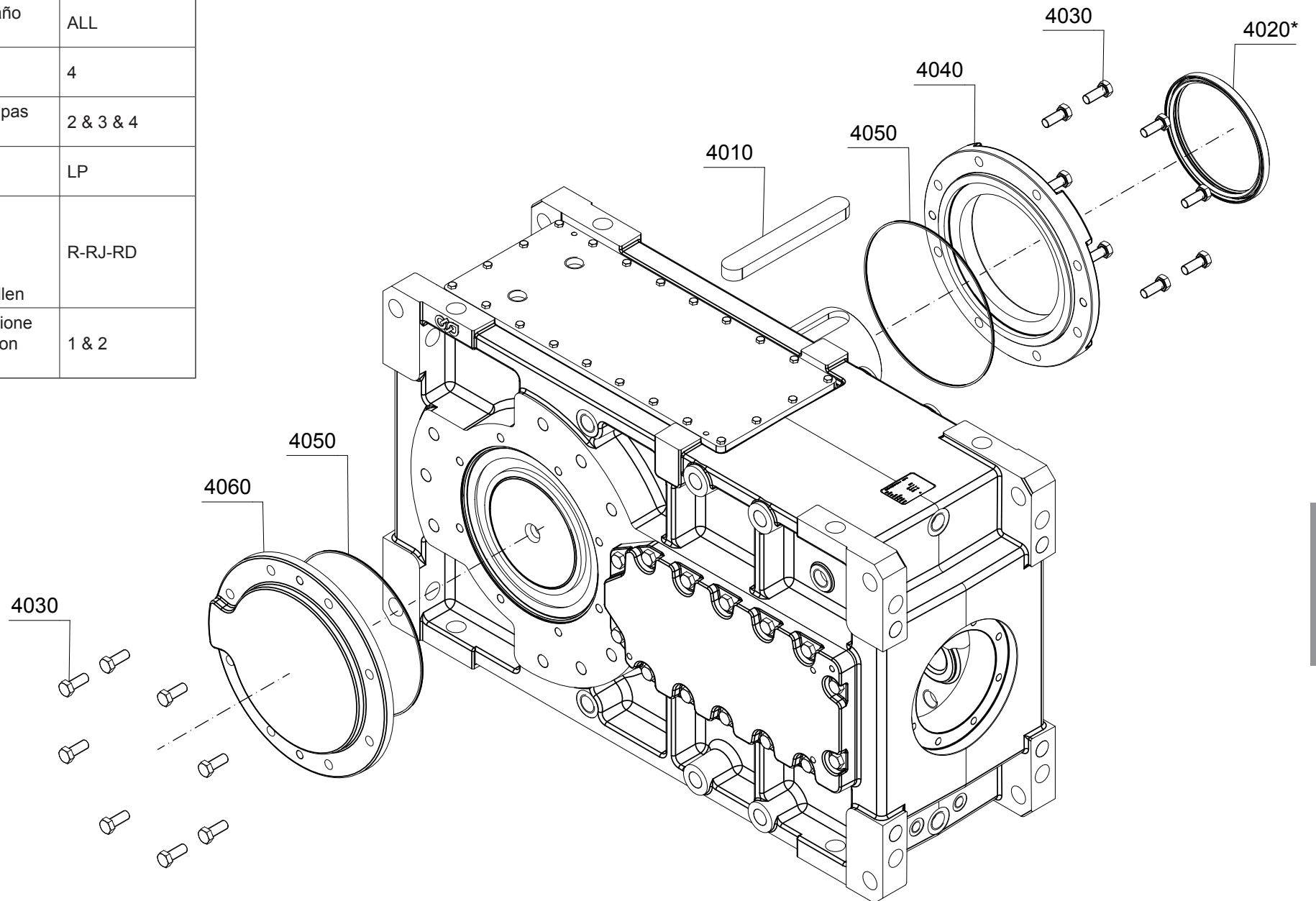
HDO 100 ... HDO 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	4
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	LP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-LJ-LD
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2



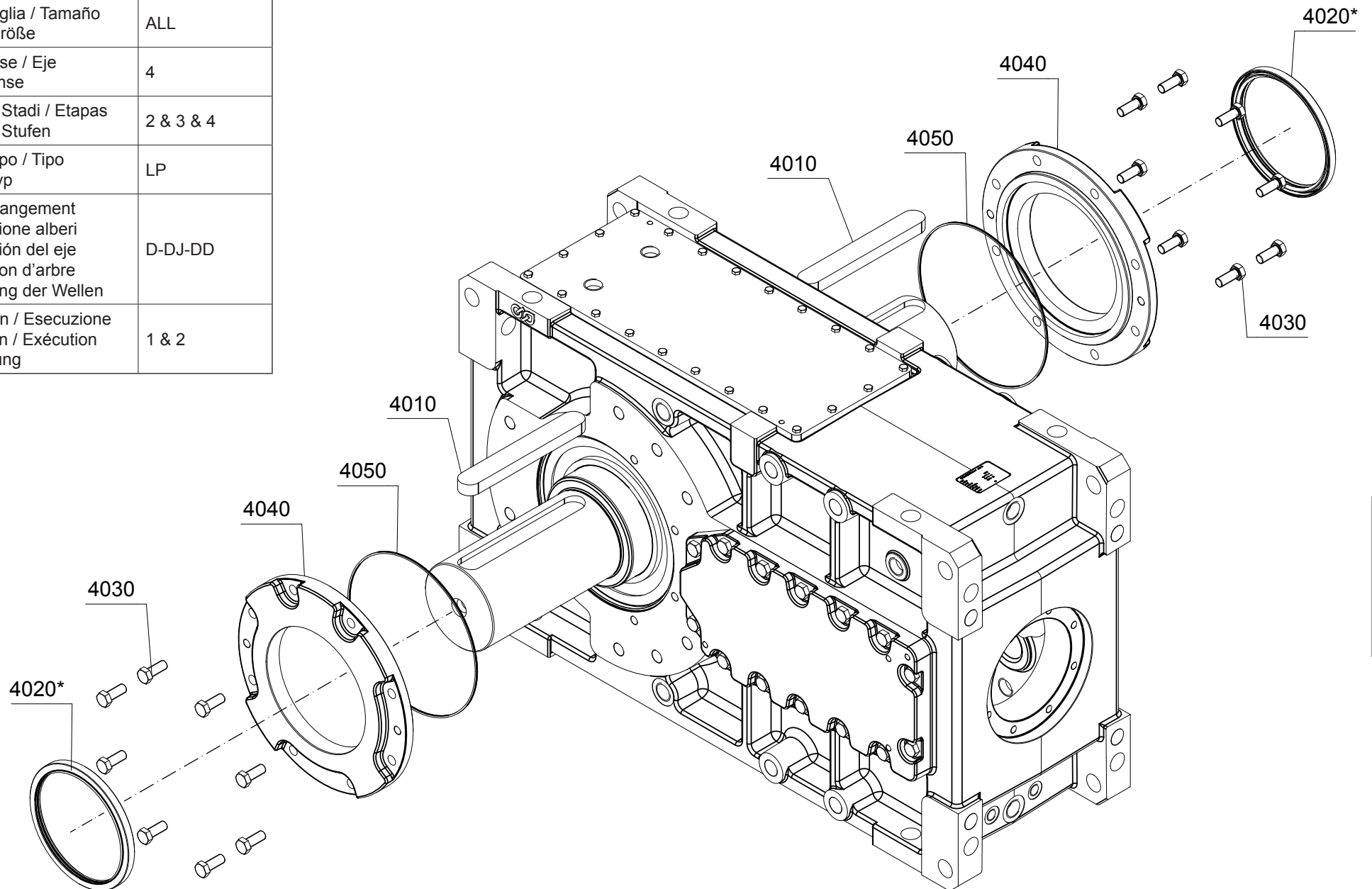
HDO 100 ... HDO 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	4
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	LP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	R-RJ-RD
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2






HDO 100 ... HDO 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	4
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	LP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	D-DJ-DD
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2



HDO 100 ... HDO 140

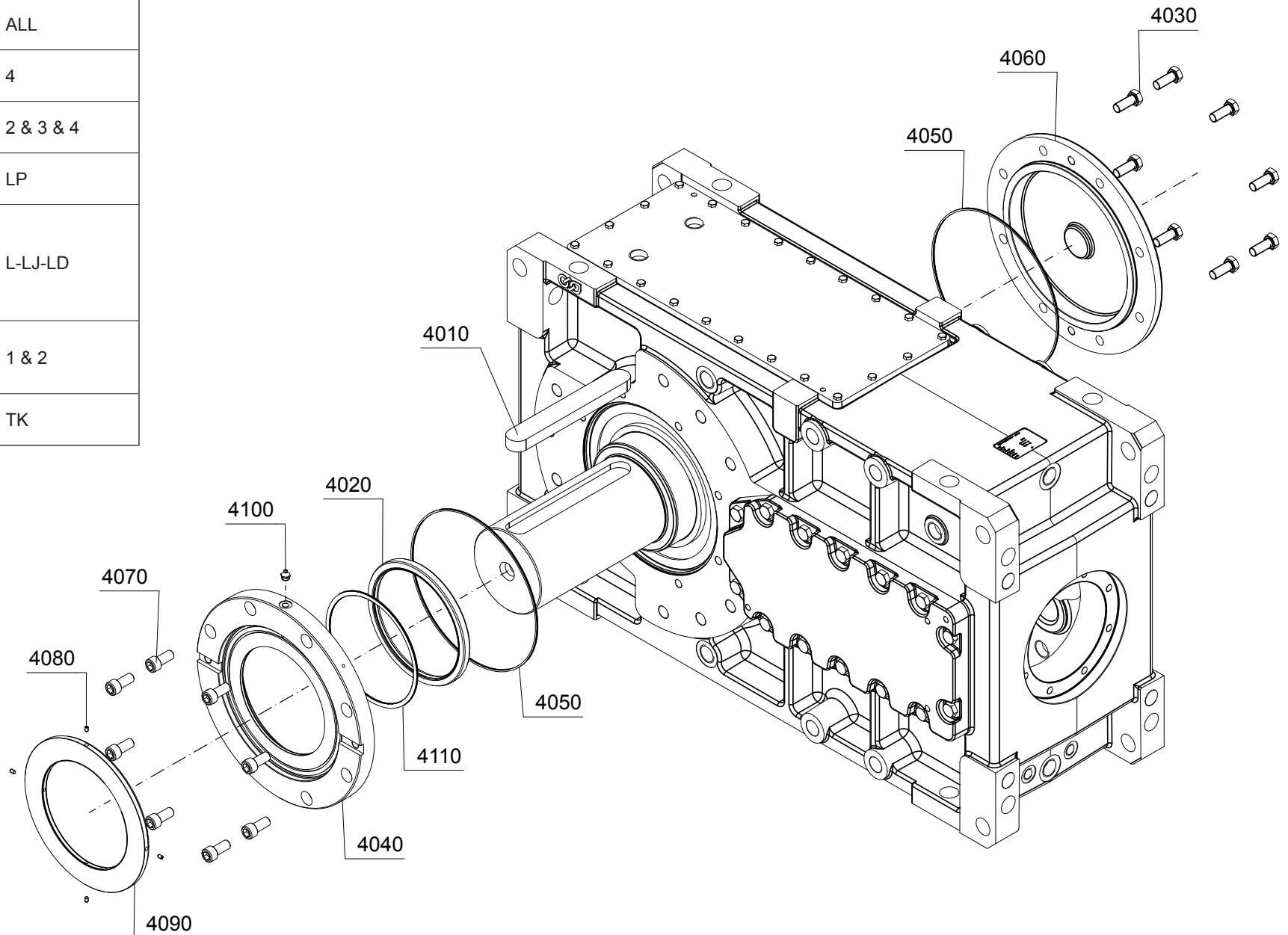
Pos	Description	Descrizione	Descripción	Description	Beschreibung
4010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
4020*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
4030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
4040	OPEN CAP	CAPPEL APERTO	SOMBRETERE ABIERTO	CAPUCHON OUVERT	OFFENE DECKEL
4050	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
4060	PLAIN CAP	CAPPEL CHIUSO	SOMBRETERE	CAPUCHON FERME	SCHLUSSDECKEL

	 4010	 4030	 OR 4050
HDO 100	32X18X195 A	M14X40	240.89X3.53
HDO 110	32X18X220 A	M14X40	253.6X3.53
HDO 120	36X20X220 A	M16X40	278.99X3.53
HDO 125	40X22X280 A	M16X40	291.69X3.53
HDO 130	40X22X280 A	M20X50	329.79X3.53
HDO 140	45X25X280 A	M20X50	355.19X3.53

NOTE: 4020* Refer page no: 416 / NOTA: 4020* Vedere pagina n°: 416 / NOTAS: 4020* Consultar página n.º: 416 / NOTE : 4020* Se référer à la page n° : 416 / HINWEIS: 4020* Siehe Seite: 416

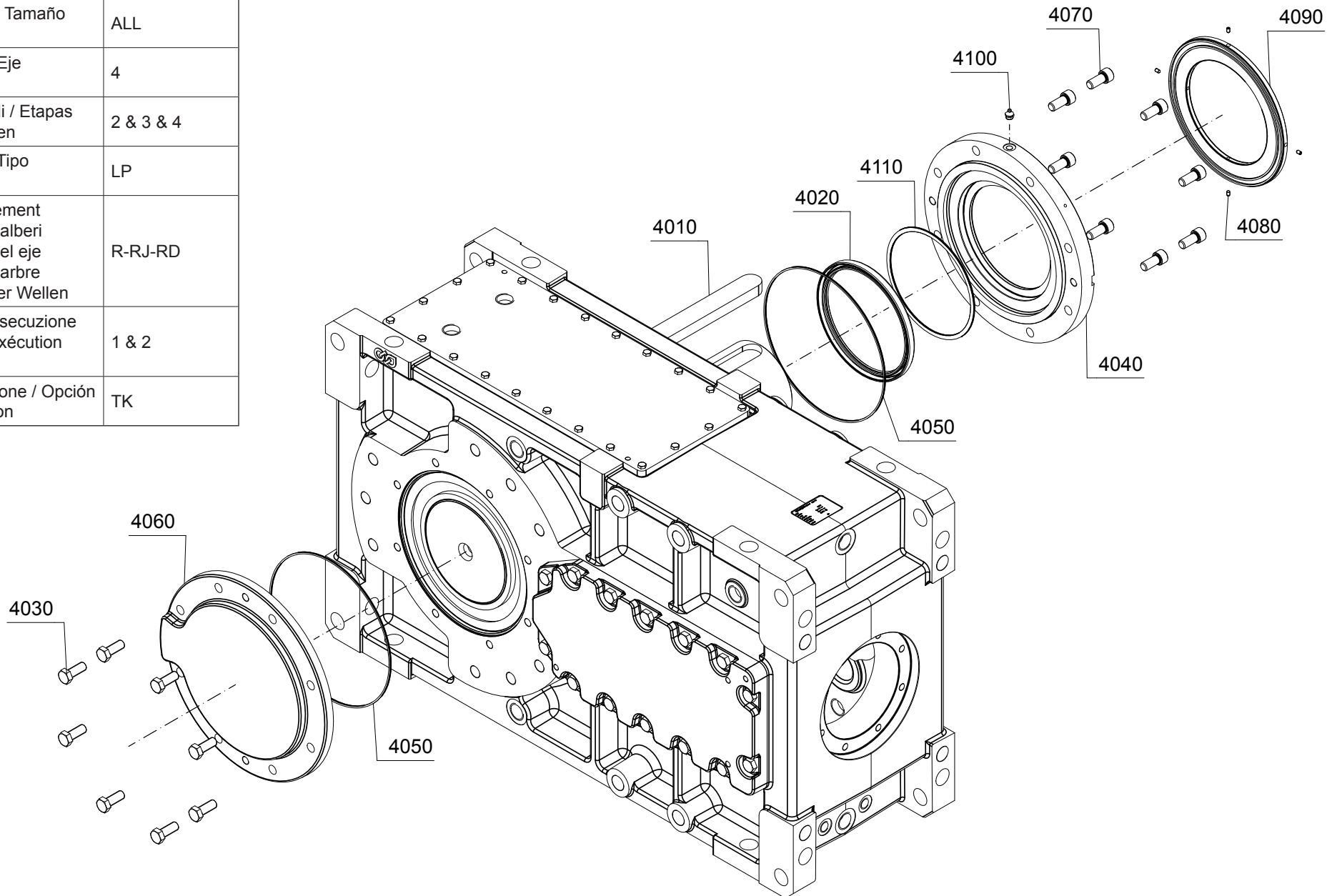
HDO 100 ... HDO 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	4
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	LP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-LJ-LD
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Option / Opzione / Opción Option / Option	TK



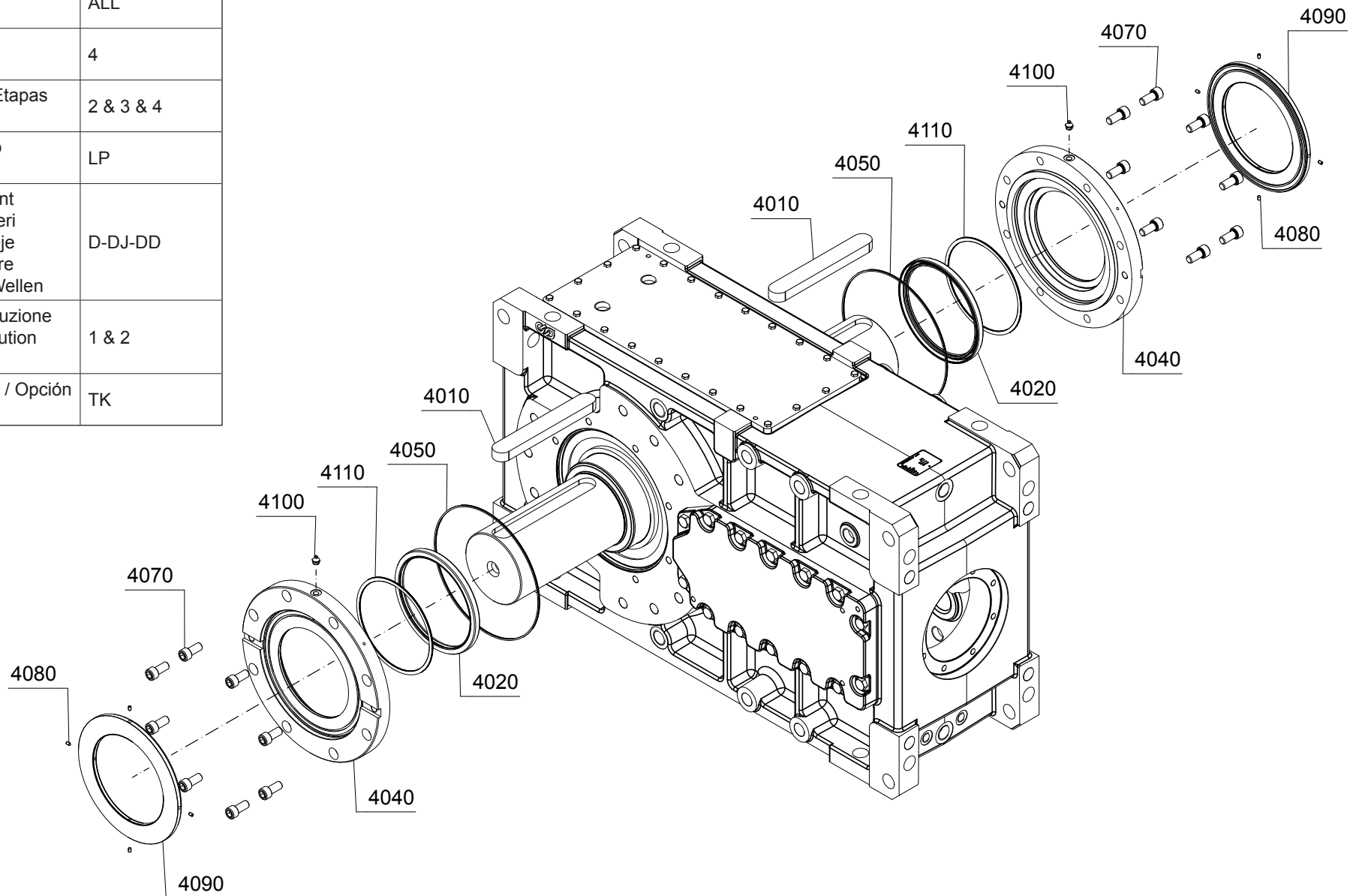
HDO 100 ... HDO 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	4
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	LP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	R-RJ-RD
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Option / Opzione / Opción Option / Option	TK








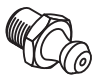

HDO 100 ... HDO 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	4
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	LP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	D-DJ-DD
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Option / Opzione / Opción Option / Option	TK



HDO 100 ... HDO 140

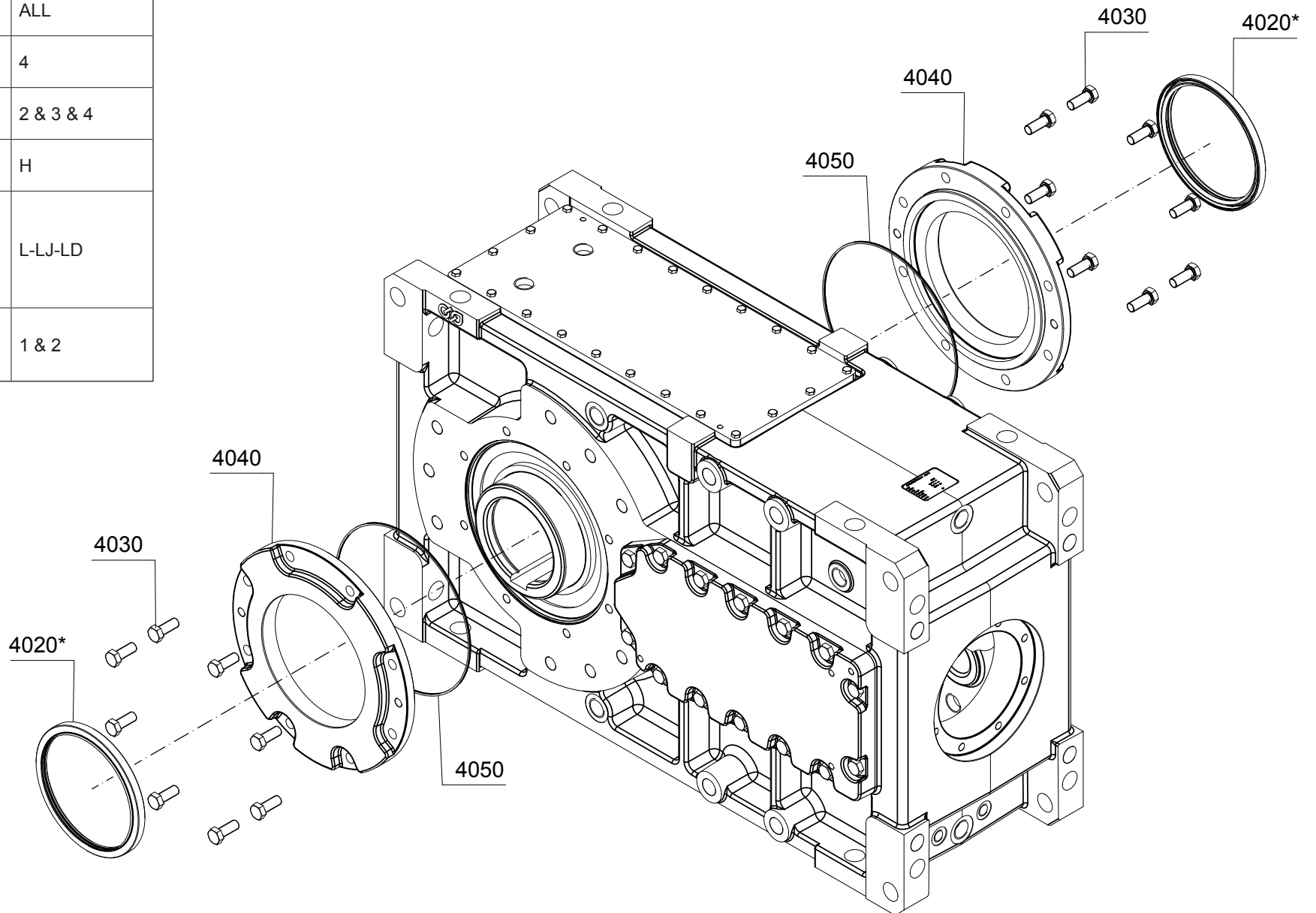
Pos	Description	Descrizione	Descripción	Description	Beschreibung
4010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
4020	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
4030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
4040	OPEN CAP	CAPPEL APERTO	SOMBRETERE ABIERTO	CAPUCHON OUVERT	OFFENE DECKEL
4050	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
4060	PLAIN CAP	CAPPEL CHIUSO	SOMBRETERE	CAPUCHON FERME	SCHLUSSDECKEL
4070	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
4080	STEI.-CN SCREW	VITE S.T.E.I.-CN	TORNILLO STEI-CN	VIS S.T.H.C	STEI-CN-SCHRAUBE
4090	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
4100	GREASE NIPPLE	INGRASSATORE DIRITTO	ENGRASADOR RECTO	GRAISSEUR DROIT	GERADE FETTBUSCHE
4110	LAMELLAR OILSEAL	ANELLO TENUTA LAM	RETEN LAMINAR	JOINT ET.LAMELL	LAM.DICHTRING

	 4010	 4020	 OR 4050	 4070	 4080	 4100	 4110
HDO 100	32X18X195 A	160X190X15 DL	240.89X3.53	M14X35	M6X10	1/4" GAS	160/6/1
HDO 110	32X18X220 A	170X200X15 DL	253.6X3.53	M14X35	M6X10	1/4" GAS	170/6/1
HDO 120	36X20X220 A	180X210X15 DL	278.99X3.53	M16X35	M6X10	1/4" GAS	180/7/1
HDO 125	40X22X280 A	200X230X15 DL	291.69X3.53	M16X35	M6X10	1/4" GAS	200/8/1
HDO 130	40X22X280 A	220X250X15 DL	329.79X3.53	M20X45	M6X10	1/4" GAS	220/8/1
HDO 140	45X25X280 A	240X270X15 DL	355.19X3.53	M20X45	M6X10	1/4" GAS	240/8/1

HDO 100 ... 140



HDO 100 ... HDO 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	4
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	H
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-LJ-LD
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2



HDO 100 ... HDO 140

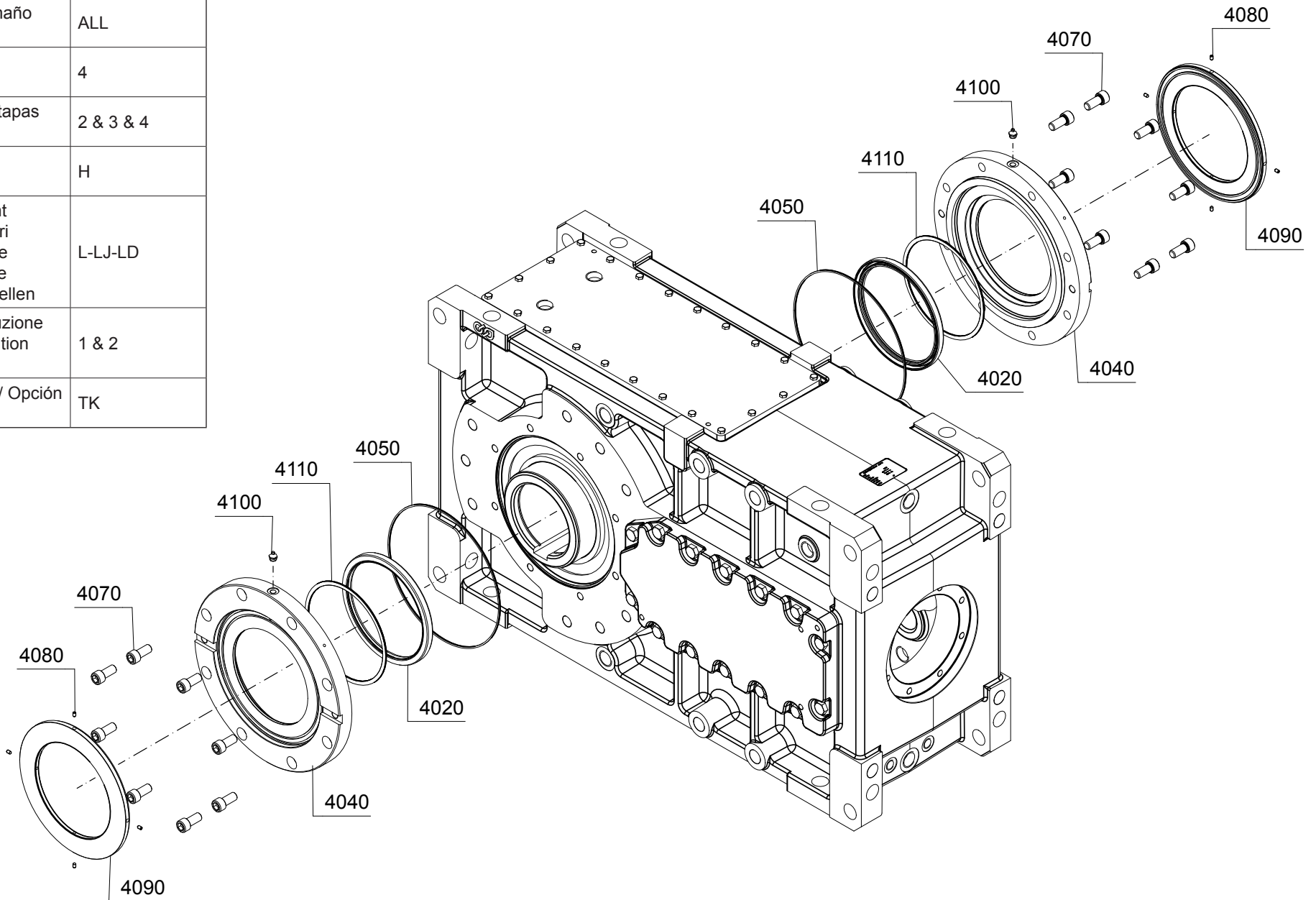
Pos	Description	Descrizione	Descripción	Description	Beschreibung
4020*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
4030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
4040	OPEN CAP	CAPPEL APERTO	SOMBRETE ABIERTO	CAPUCHON OUVERT	OFFENE DECKEL
4050	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET

	 4030	 OR 4050
HDO 100	M14X40	240.89X3.53
HDO 110	M14X40	253.6X3.53
HDO 120	M16X40	278.99X3.53
HDO 125	M16X40	291.69X3.53
HDO 130	M20X50	329.79X3.53
HDO 140	M20X50	355.19X3.53

NOTE: 4020* Refer page no: 416 / NOTA: 4020* Vedere pagina n°: 416 / NOTAS: 4020* Consultar página n.º: 416 / NOTE : 4020* Se référer à la page n° : 416 / HINWEIS: 4020* Siehe Seite: 416







HDO 100 ... HDO 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	4
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	H
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-LJ-LD
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Option / Opzione / Opción Option / Option	TK



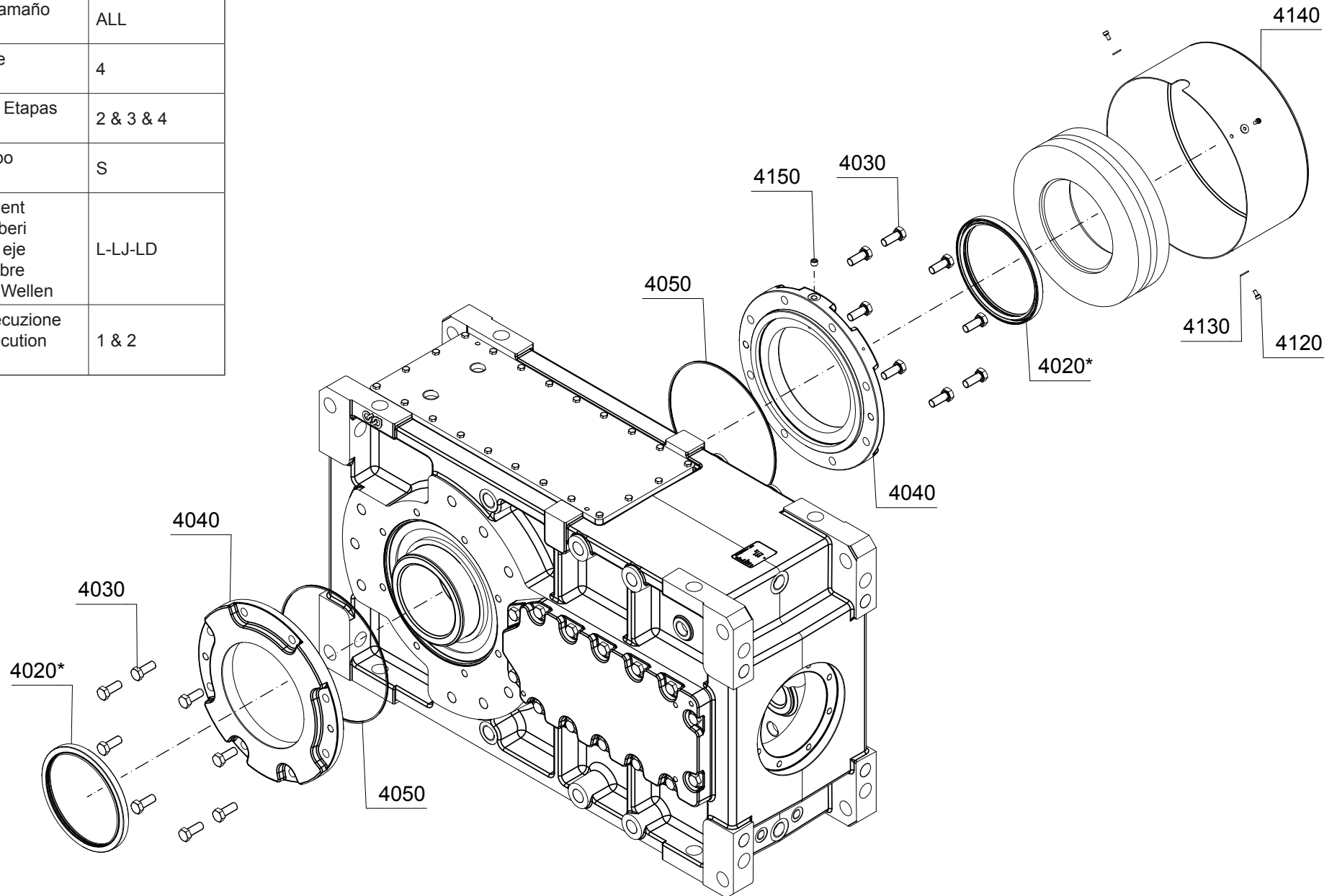
HDO 100 ... HDO 140

Pos	Description	Descrizione	Descripción	Description	Beschreibung
4020	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
4040	OPEN CAP	CAPPEL APERTO	SOMBRETERE ABIERTO	CAPUCHON OUVERT	OFFENE DECKEL
4050	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
4070	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
4080	STEI.-CN SCREW	VITE S.T.E.I.-CN	TORNILLO STEI-CN	VIS S.T.H.C	STEI-CN-SCHRAUBE
4090	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
4100	GREASE NIPPLE	INGRASSATORE DIRITTO	ENGRASADOR RECTO	GRAISSEUR DROIT	GERADE FETTBUSCHE
4110	LAMELLAR OILSEAL	ANELLO TENUTA LAM	RETEN LAMINAR	JOINT ET.LAMELL	LAM.DICHTRING

	 4020	 OR 4050	 4070	 4080	 4100	 4110
HDO 100	160X190X15 DL	240.89X3.53	M14X35	M6X10	1/4" GAS	160/6/1
HDO 110	170X200X15 DL	253.6X3.53	M14X35	M6X10	1/4" GAS	170/6/1
HDO 120	180X210X15 DL	278.99X3.53	M16X35	M6X10	1/4" GAS	180/7/1
HDO 125	200X230X15 DL	291.69X3.53	M16X35	M6X10	1/4" GAS	200/8/1
HDO 130	220X250X15 DL	329.79X3.53	M20X45	M6X10	1/4" GAS	220/8/1
HDO 140	240X270X15 DL	355.19X3.53	M20X45	M6X10	1/4" GAS	240/8/1

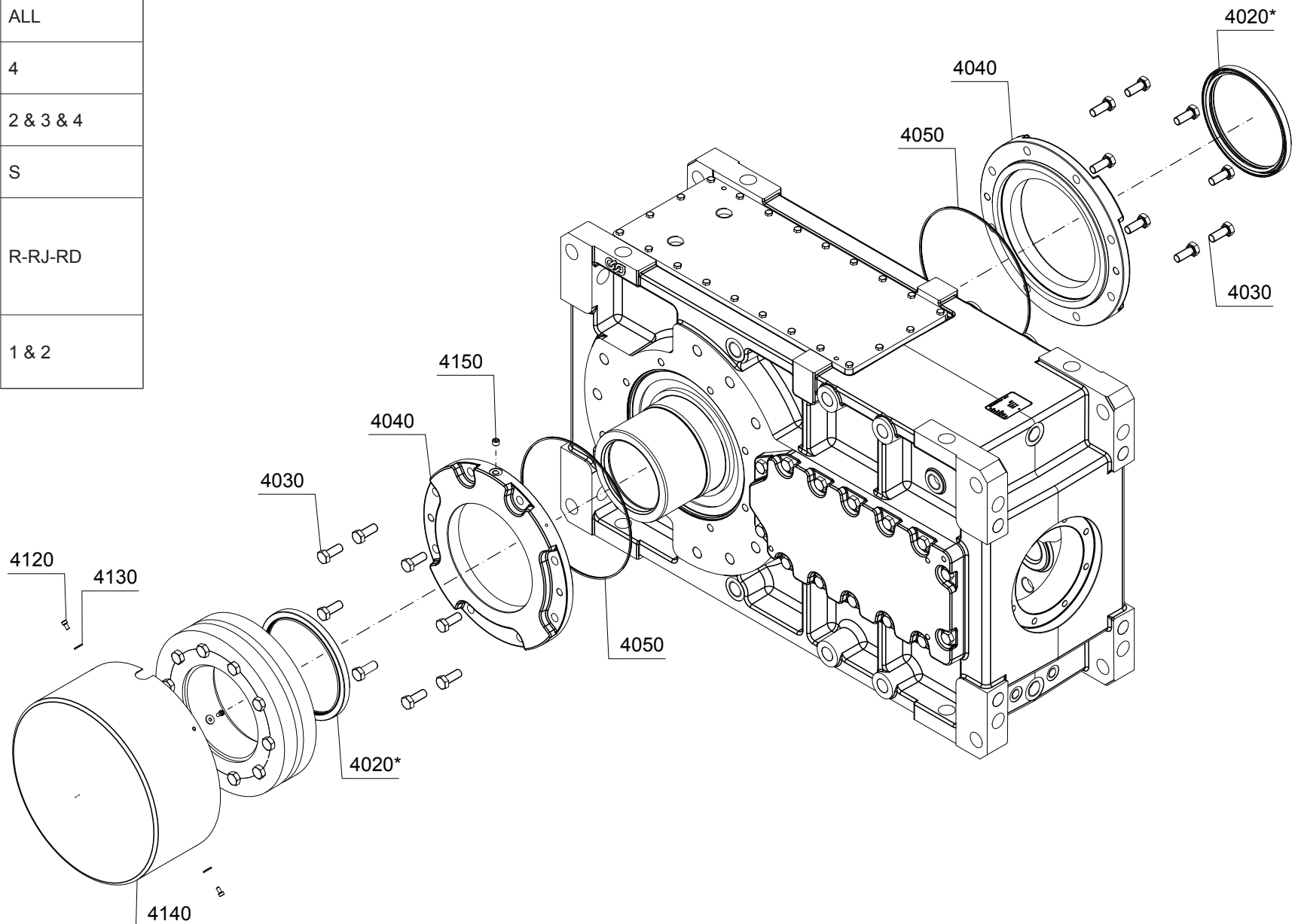
HDO 100 ... HDO 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	4
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	S
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-LJ-LD
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2








HDO 100 ... HDO 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	4
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	S
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	R-RJ-RD
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2



HDO 100 ... HDO 140

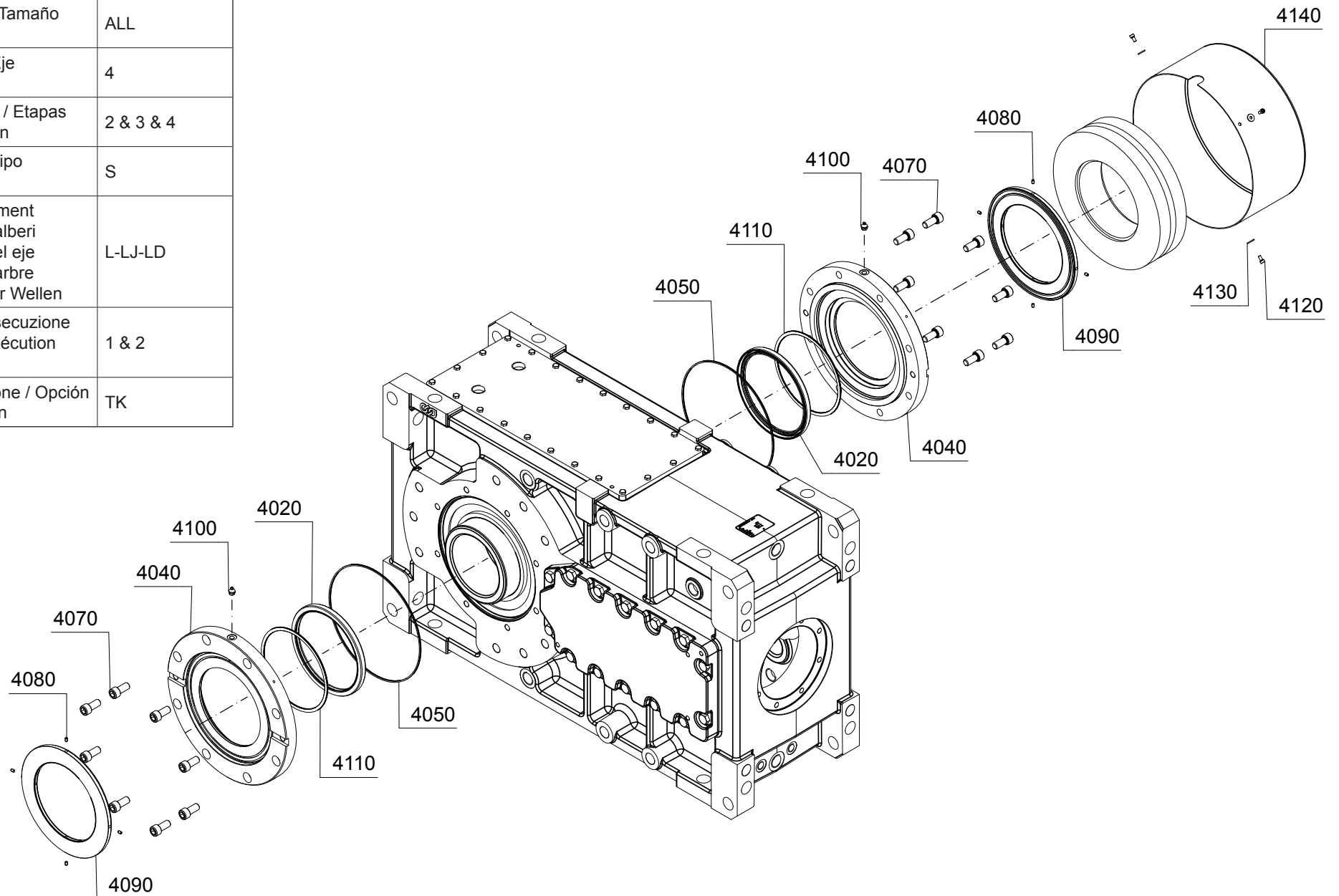
Pos	Description	Descrizione	Descripción	Description	Beschreibung
4020*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
4030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
4040	OPEN CAP	CAPPEL APERTO	SOMBRETERE ABIERTO	CAPUCHON OUVERT	OFFENE DECKEL
4050	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
4120	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	ZYLINDERKOPFSCHR
4130	WASHER	RONDELLA PIANA	ARANDELA PLANA	RONDELLE PLATE	FLACHSCHEIBE
4140	SHRINK DISC PROTECTION	PROT CALET	PROT CALET	PROT FRET SERRAGE	PROT FRET SERRAGE
4150	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN

	 4030	 OR 4050	 4120	 4130	 4150
HDO 100	M14X40	240.89X3.53	M6X12	6.6X18X2	1/4" GAS
HDO 110	M14X40	253.6X3.53	M6X12	6.6X18X2	1/4" GAS
HDO 120	M16X40	278.99X3.53	M6X12	6.6X18X2	1/4" GAS
HDO 125	M16X40	291.69X3.53	M6X12	6.6X18X2	1/4" GAS
HDO 130	M20X50	329.79X3.53	M6X12	6.6X18X2	1/4" GAS
HDO 140	M20X50	355.19X3.53	M6X12	6.6X18X2	1/4" GAS

NOTE: 4020* Refer page no: 416 / NOTA: 4020* Vedere pagina n°: 416 / NOTAS: 4020* Consultar página n.º: 416 / NOTE : 4020* Se référer à la page n° : 416 / HINWEIS: 4020* Siehe Seite: 416









HDO 100 ... HDO 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	4
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	S
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-LJ-LD
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Option / Opzione / Opción Option / Option	TK



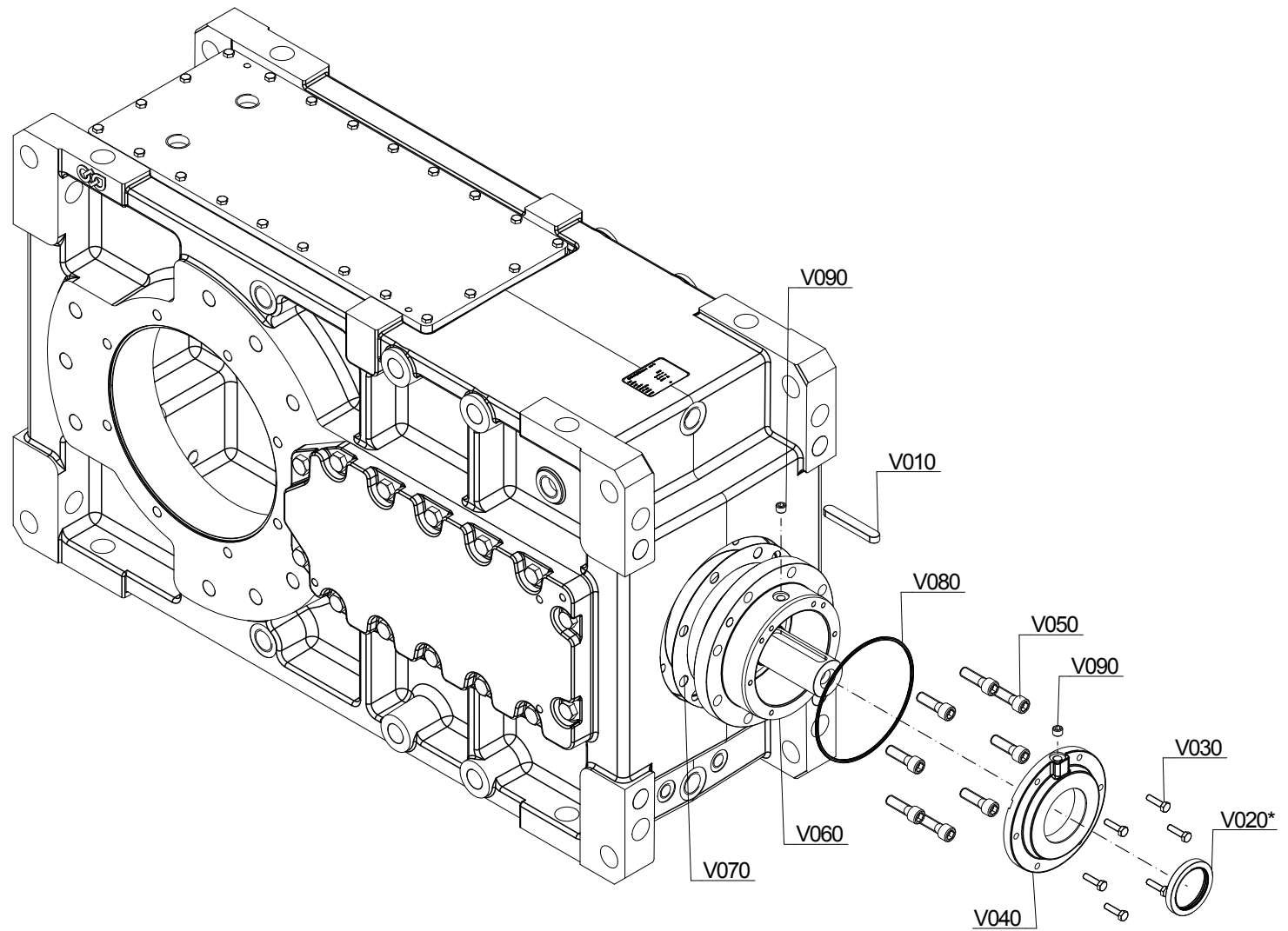
HDO 100 ... HDO 140

Pos	Description	Descrizione	Descripción	Description	Beschreibung
4020	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
4040	OPEN CAP	CAPPEL APERTO	SOMBRETERE ABIERTO	CAPUCHON OUVERT	OFFENE DECKEL
4050	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
4070	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
4080	STEI.-CN SCREW	VITE S.T.E.I.-CN	TORNILLO STEI-CN	VIS S.T.H.C	STEI-CN-SCHRAUBE
4090	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
4100	GREASE NIPPLE	INGRASSATORE DIRITTO	ENGRASADOR RECTO	GRAISSEUR DROIT	GERADE FETTBUSCHE
4110	LAMELLAR OILSEAL	ANELLO TENUTA LAM	RETEN LAMINAR	JOINT ET.LAMELL	LAM.DICHTRING
4120	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	ZYLINDERKOPFSCHR
4130	WASHER	RONDELLA PIANA	ARANDELA PLANA	RONDELLE PLATE	FLACHSCHEIBE
4140	SHRINK DISC PROTECTION	PROT CALET	PROT CALET	PROT FRET SERRAGE	PROT FRET SERRAGE

	 4020	 OR 4050	 4070	 4120	 4080	 4100	 4110	 4130
HDO 100	160X190X15 DL	240.89X3.53	M14X35	M6X12	M6X10	1/4" GAS	160/6/1	6.6X18X2
HDO 110	170X200X15 DL	253.6X3.53	M14X35	M6X12	M6X10	1/4" GAS	170/6/1	6.6X18X2
HDO 120	180X210X15 DL	278.99X3.53	M16X35	M6X12	M6X10	1/4" GAS	180/7/1	6.6X18X2
HDO 125	200X230X15 DL	291.69X3.53	M16X35	M6X12	M6X10	1/4" GAS	200/8/1	6.6X18X2
HDO 130	220X250X15 DL	329.79X3.53	M20X45	M6X12	M6X10	1/4" GAS	220/8/1	6.6X18X2
HDO 140	240X270X15 DL	355.19X3.53	M20X45	M6X12	M6X10	1/4" GAS	240/8/1	6.6X18X2

HDO 100 ... HDO 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	VP & GJ
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-R-D LD-RD-DD
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2



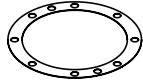


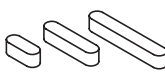


HDO 100 ... HDO 140

Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V020*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V040	OPEN CAP	CAPPEL APERTO	SOMBRETE ABIERTO	CAPUCHON OUVERT	OFFENE DECKEL
V050	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V060	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V070	SHIMS	SPESSORE	ESPEJOR	CALE	BELAG
V080	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V090	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN

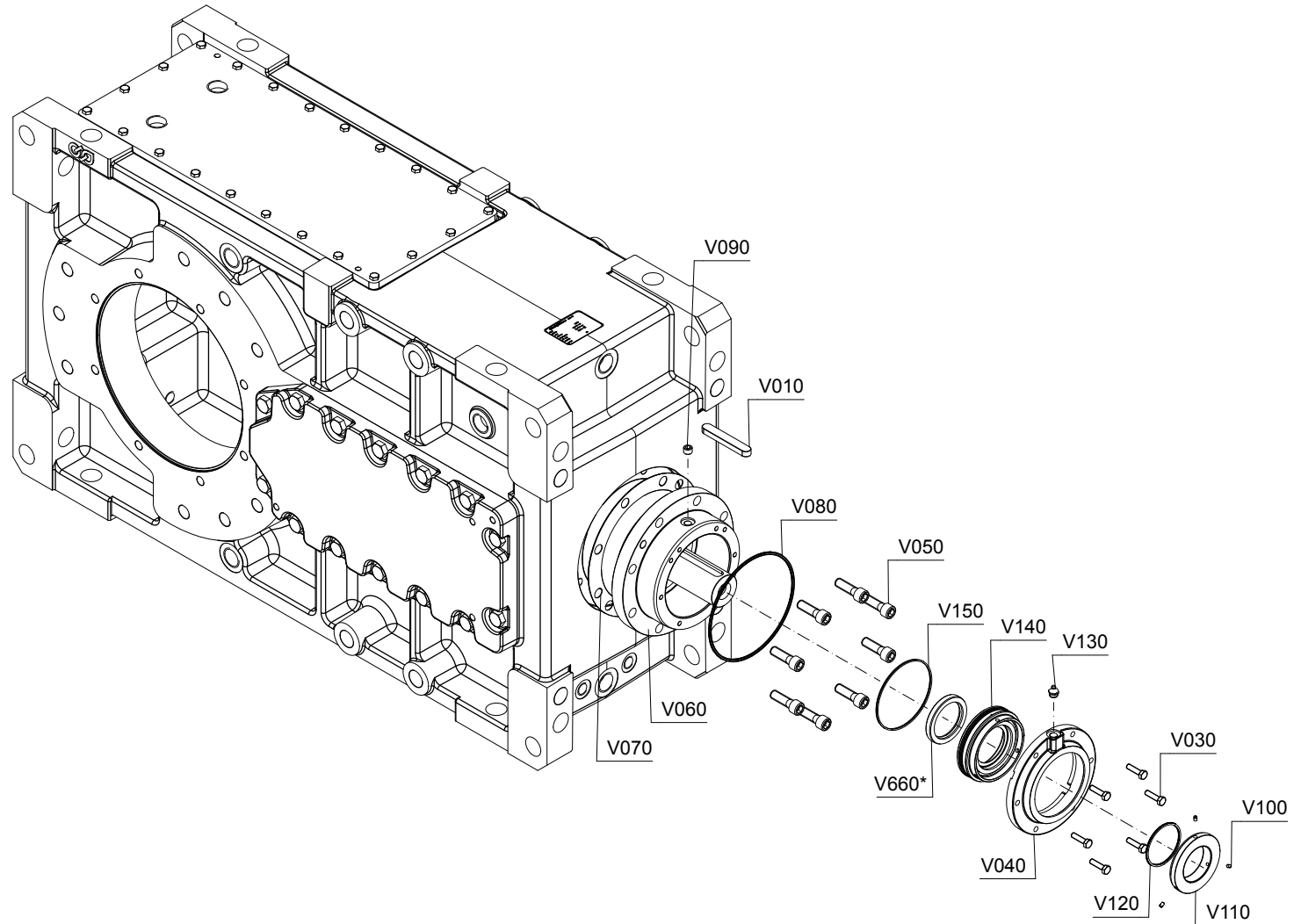
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HDO 100 ... HDO 140

	Stages Stadi Etapas Étages Stufen							RATIO
		V030	V050	V070	V080	V090	V010	
HDO 100	2	M8X30	M14X45	211X269X1.6	202.79X3.53	1/4" GAS	20X12X125 A	-
	3	M8X30	M14X45	185X242X1.6	177.4X3.53	1/4" GAS	16X10X100 A	I= 14.0-15.6-17.3
							14X9X100 A	I= 20.2-22.5-25.0-28.3-31.5-36.0-40.0
4	M8X30	M14X45	185X242X1.6	177.4X3.53	1/4" GAS	10X8X70 A	-	
HDO 110	2	M8X30	M14X45	211X269X1.6	202.79X3.53	1/4" GAS	20X12X125 A	-
	3	M8X30	M14X45	185X242X1.6	177.4X3.53	1/4" GAS	16X10X100 A	I= 18.9-20.9
							14X9X100 A	I= 22.0-24.6-27.2-30.9-34.3-39.3-43.6-48.0-53.1-61.0-67.5-77.5
4	M8X30	M14X45	185X242X1.6	177.4X3.53	1/4" GAS	10X8X70 A	-	
HDO 120	2	M10X35	M20X60	235X310X1.6	228.2X3.53	1/4" GAS	20X12X125 A	-
	3	M8X30	M14X45	185X242X1.6	177.4X3.53	1/4" GAS	16X10X100 A	I= 17.3-19.5-21.8-24.6
							14X9X100 A	I= 28.3-32.0-34.8-41.2-44.9-49.5-53.9-63.9-69.6-78.6
4	M8X30	M14X45	185X242X1.6	177.4X3.53	1/4" GAS	10X8X70 A	-	
HDO 125	2	M10X35	M20X60	235X310X1.6	228.2X3.53	1/4" GAS	20X12X125 A	-
	3	M8X30	M14X45	185X242X1.6	177.4X3.53	1/4" GAS	16X10X100 A	I= 19.2-22.6-24.3-27.7-33.0-35.8
							14X9X100 A	I= 38.8-42.0-50.1-55.4-60.1-72.1-77.6-8.9
4	M8X30	M14X45	185X242X1.6	177.4X3.53	1/4" GAS	10X8X70 A	-	
HDO 130	2	M10X35	M20X55	286X374X1.6	278.99X3.53	1/4" GAS	25X14X160 A	-
	3	M10X35	M20X55	235X310X1.6	228.2X3.53	1/4" GAS	20X12X125 A	-
	4	M8X30	M20X55	235X310X1.6	228.2X3.53	1/4" GAS	14X9X100 A	-
HDO 140	2	M10X35	M20X55	286X374X1.6	278.99X3.53	1/4" GAS	25X14X160 A	-
	3	M10X35	M20X55	235X310X1.6	228.2X3.53	1/4" GAS	20X12X125 A	-
	4	M8X30	M20X55	235X310X1.6	228.2X3.53	1/4" GAS	14X9X100 A	-

HDO 100 ... HDO 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	VP & GJ
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-R-D LD-RD-DD
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Option / Opzione / Opción Option / Option	TK





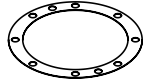

HDO 100 ... 140

HDO 100 ... HDO 140






Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V040	OPEN CAP	CAPPEL APERTO	SOMBRETERE ABIERTO	CAPUCHON OUVERT	OFFENE DECKEL
V050	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V060	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V070	SHIMS	SPESSORE	ESPESOR	CALE	BELAG
V080	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V090	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V100	STEI.-CN SCREW	VITE S.T.E.I.-CN	TORNILLO STEI-CN	VIS S.T.H.C	STEI-CN-SCHRAUBE
V110	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V120	LAMELLAR OILSEAL	ANELLO TENUTA LAM	RETEN LAMINAR	JOINT ET.LAMELL	LAM.DICHTRING
V130	GREASE NIPPLE	INGRASSATORE DIRITTO	ENGRASADOR RECTO	GRAISSEUR DROIT	GERADE FETTBUSCHE
V140	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V150	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V660*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH

NOTE: V660* Refer page no: 419 / NOTA: V660* Vedere pagina n°: 419 / NOTAS: V660* Consultar página n.º: 419 / NOTE : V660* Se référer à la page n° : 419 / HINWEIS: V660* Siehe Seite: 419

HDO 100 ... HDO 140

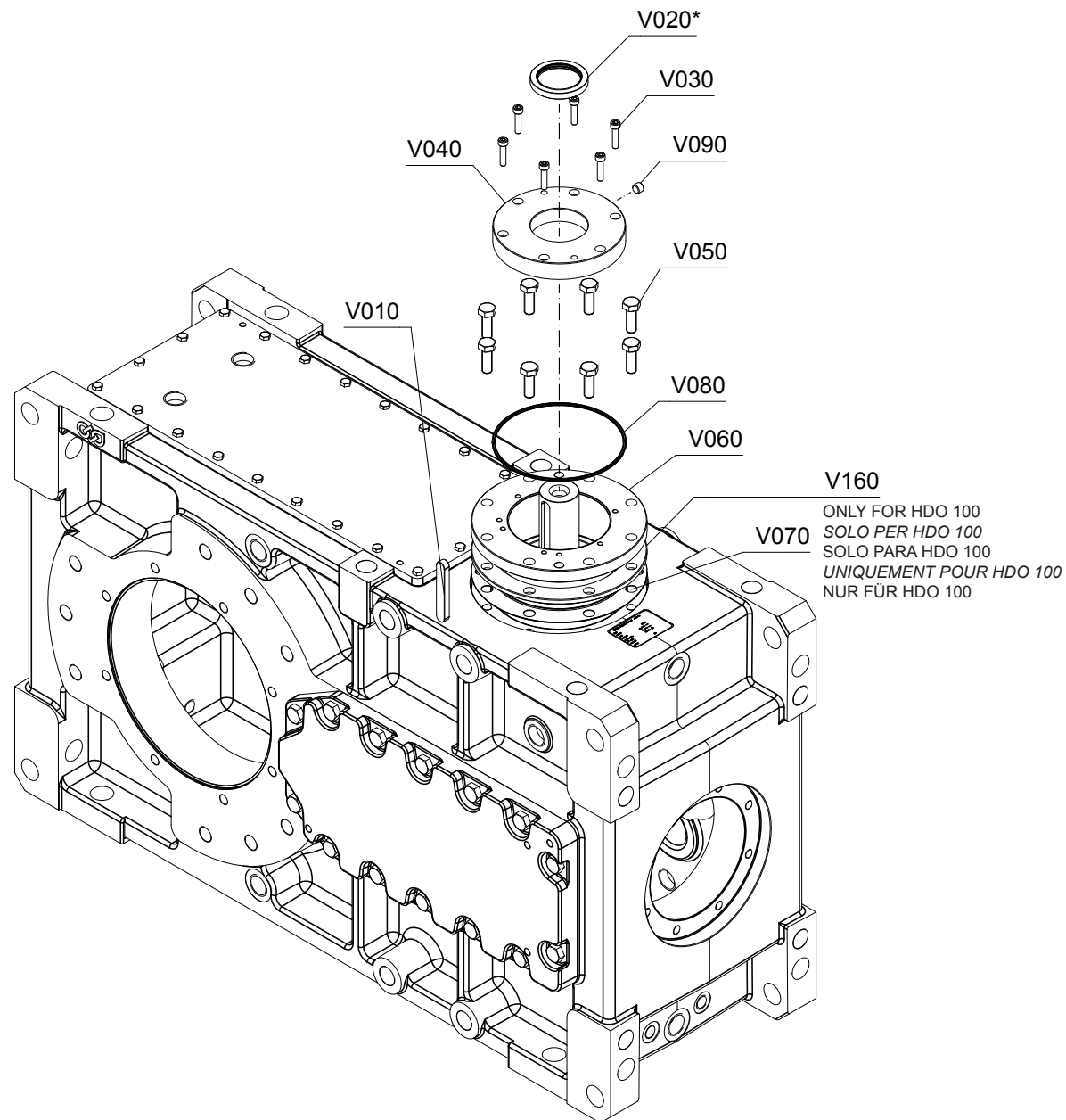
	Stages Stadi Etapas Étages Stufen				 OR	
		V030	V050	V070	V080	V090
HDO 100	2	M8X30	M14X45	211X269X1.6	202.79X3.53	145.72X2.62
	3	M8X30	M14X45	185X242X1.6	177.4X3.53	113.97X2.62
	4	M8X30	M14X45	185X242X1.6	177.4X3.53	113.97X2.62
HDO 110	2	M8X30	M14X45	211X269X1.6	202.79X3.53	145.72X2.62
	3	M8X30	M14X45	185X242X1.6	177.4X3.53	113.97X2.62
	4	M8X30	M14X45	185X242X1.6	177.4X3.53	113.97X2.62
HDO 120	2	M10X35	M20X60	235X310X1.6	228.2X3.53	152.07X2.62
	3	M8X30	M14X45	185X242X1.6	177.4X3.53	113.97X2.62
	4	M8X30	M14X45	185X242X1.6	177.4X3.53	113.97X2.62
HDO 125	2	M10X35	M20X60	235X310X1.6	228.2X3.53	152.07X2.62
	3	M8X30	M14X45	185X242X1.6	177.4X3.53	113.97X2.62
	4	M8X30	M14X45	235X310X1.6	177.4X3.53	113.97X2.62
HDO 130	2	M10X35	M20X55	286X374X1.6	278.99X3.53	177.47X2.62
	3	M10X35	M20X55	235X310X1.6	228.2X3.53	152.07X2.62
	4	M8X30	M20X55	235X310X1.6	228.2X3.53	113.97X2.62
HDO 140	2	M10X35	M20X55	286X374X1.6	278.99X3.53	177.47X2.62
	3	M10X35	M20X55	235X310X1.6	228.2X3.53	152.07X2.62
	4	M8X30	M20X55	235X310X1.6	228.2X3.53	113.97X2.62

HDO 100 ... HDO 140

	Stages Stadi Etapas Étages Stufen						RATIO
		V100	V120	V130	V090	V010	
HDO 100	2	M4X8	90/3.8/0.82	1/4" GAS	1/4" GAS	20X12X125 A	-
	3	M5X8	74/3.1/0.82	1/4" GAS	1/4" GAS	16X10X100 A	I= 14.0-15.6-17.3
						14X9X100 A	I= 20.2-22.5-25.0-28.3-31.5-36.0-40.0
4	M4X8	51/2.4/0.72	1/4" GAS	1/4" GAS	10X8X70 A	-	
HDO 110	2	M4X8	90/3.8/0.82	1/4" GAS	1/4" GAS	20X12X125 A	-
	3	M5X8	74/3.1/0.82	1/4" GAS	1/4" GAS	16X10X100 A	I= 18.9-20.9
						14X9X100 A	I= 22.0-24.6-27.2-30.9-34.3-39.3-43.6-48.0-53.1-61.0-67.5-77.5
4	M4X8	51/2.4/0.72	1/4" GAS	1/4" GAS	10X8X70 A	-	
HDO 120	2	M5X8	95/3.8/0.82	1/4" GAS	1/4" GAS	20X12X125 A	-
	3	M5X8	74/3.1/0.82	1/4" GAS	1/4" GAS	16X10X100 A	I= 17.3-19.5-21.8-24.6
						14X9X100 A	I= 28.3-32.0-34.8-41.2-44.9-49.5-53.9-63.9-69.6-78.6
4	M4X8	51/2.4/0.72	1/4" GAS	1/4" GAS	10X8X70 A	-	
HDO 125	2	M5X8	95/3.8/0.82	1/4" GAS	1/4" GAS	20X12X125 A	-
	3	M5X8	74/3.1/0.82	1/4" GAS	1/4" GAS	16X10X100 A	I= 19.2-22.6-24.3-27.7-33.0-35.8
						14X9X100 A	I= 38.8-42.0-50.1-55.4-60.1-72.1-77.6-8.9
4	M4X8	51/2.4/0.72	1/4" GAS	1/4" GAS	10X8X70 A	-	
HDO 130	2	M5X8	120/5/0.98	1/4" GAS	1/4" GAS	25X14X160 A	-
	3	M5X8	95/3.8/0.82	1/4" GAS	1/4" GAS	20X12X125 A	-
	4	M5X8	74/3.1/0.82	1/4" GAS	1/4" GAS	14X9X100 A	-
HDO 140	2	M5X8	120/5/0.98	1/4" GAS	1/4" GAS	25X14X160 A	-
	3	M5X8	95/3.8/0.82	1/4" GAS	1/4" GAS	20X12X125 A	-
	4	M5X8	74/3.1/0.82	1/4" GAS	1/4" GAS	14X9X100 A	-

HDO 100 ... HDO 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	VJ
Stages / Stadi / Etapas Étages / Stufen	3
Type / Tipo / Tipo Type / Typ	VP & G
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LJ-RJ-DJ LD-RD-DD
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2





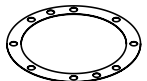


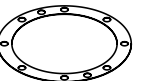
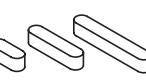


HDO 100 ... HDO 140

Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V020*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V030	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V040	OPEN CAP	CAPPEL APERTO	SOMBRETERE ABIERTO	CAPUCHON OUVERT	OFFENE DECKEL
V050	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V050	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V060	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V070	SHIMS	SPESSORE	ESPEJOR	CALE	BELAG
V080	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V090	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V160	SPACER RING	DISTANZIALE	DISTANCIADOR	ENTRETOISE	DISTANZRING

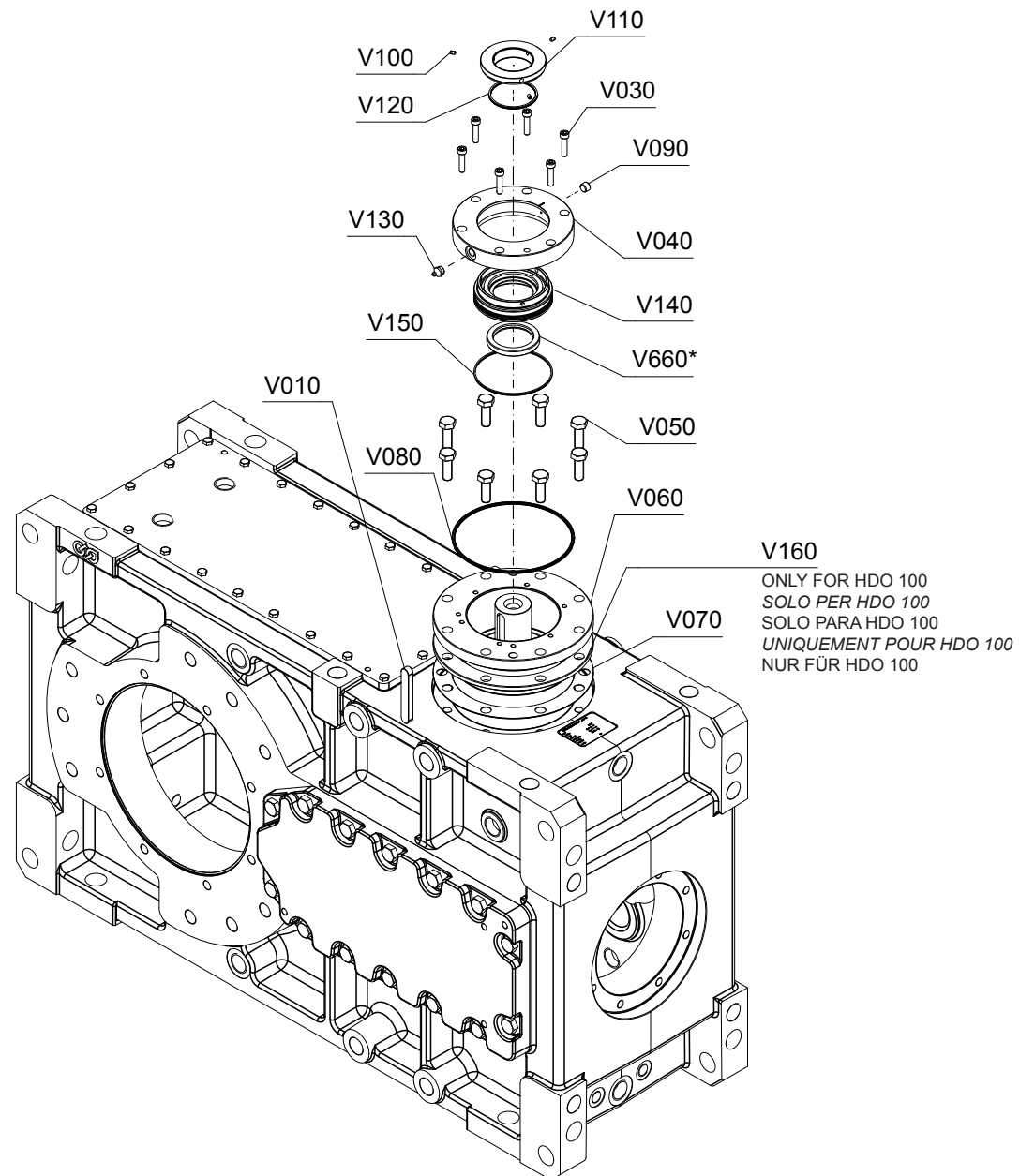
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HDO 100 ... HDO 140

										
	V030		V050		V070	V080	V090	V160	V010	RATIO
HDO 100	M8X30	-	M14X50	-	-	177.4X3.53	1/4" GAS	185X242X8	16X10X100 A	I= 14.0-15.6-17.3
									14X9X100 A	I= 20.2-2.,5-25.0-28.3-31.5-36.0-40.0
HDO 110	M8X30	-	M14X50	-	185X242X8	177.4X3.53	1/4" GAS	-	16X10X100 A	I= 18.9-20.9
									14X9X100 A	I= 22.0-24.6-27.2-30.9-34.3-39.3-43.6-48.0-53.1-61.0-67.5-77.5
HDO 120	M8X30	-	M14X45	-	185X242X1.6	177.4X3.53	1/4" GAS	-	16X10X100 A	I= 17.3-19.5-21.8-24.6
									14X9X100 A	I= 28.3-32.0-34.8-41.2-44.9-49.5-53.9-63.9-69.6-78.6
HDO 125	-	M8X35	-	M14X40	185X242X1.6	177.4X3.53	1/4" GAS	-	16X10X100 A	I= 19.2-22.6-24.3-27.7-33.0-35.8
									14X9X100 A	I= 38.8-4.,0-50.1-55.4-60.1-72.1-77.6-8.9
HDO 130	M10X35	-	M20X55	-	235X310X1.6	228.2X3.53	1/4" GAS	-	20X12X125 A	-
HDO 140	M10X35	-	M20X55	-	235X310X1.6	228.2X3.53	1/4" GAS	-	20X12X125 A	-

HDO 100 ... HDO 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	VJ
Stages / Stadi / Etapas Étages / Stufen	3
Type / Tipo / Tipo Type / Typ	VP & G
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LJ-RJ-DJ LD-RD-DD
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Option / Opzione / Opción Option / Option	TK







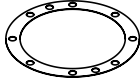
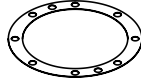
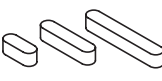
HDO 100 ... 140






HDO 100 ... HDO 140

Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V030	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V040	OPEN CAP	CAPPEL APERTO	SOMBRETERE ABIERTO	CAPUCHON OUVERT	OFFENE DECKEL
V050	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V050	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V060	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V070	SHIMS	SPESSORE	ESPEJOR	CALE	BELAG
V080	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V090	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V100	STEI.-CN SCREW	VITE S.T.E.I.-CN	TORNILLO STEI-CN	VIS S.T.H.C	STEI-CN-SCHRAUBE
V110	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V120	LAMELLAR OILSEAL	ANELLO TENUTA LAM	RETEN LAMINAR	JOINT ET.LAMELL	LAM.DICHTRING
V130	GREASE NIPPLE	INGRASSATORE DIRITTO	ENGRASADOR RECTO	GRAISSEUR DROIT	GERADE FETTBUSCHE
V140	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V150	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V160	SPACER RING	DISTANZIALE	DISTANCIADOR	ENTRETOISE	DISTANZRING
V660*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH

NOTE: V660* Refer page no: 419 / NOTA: V660* Vedere pagina n°: 419 / NOTAS: V660* Consultar página n.º: 419 / NOTE : V660* Se référer à la page n° : 419 / HINWEIS: V660* Siehe Seite: 419

HDO 100 ... HDO 140

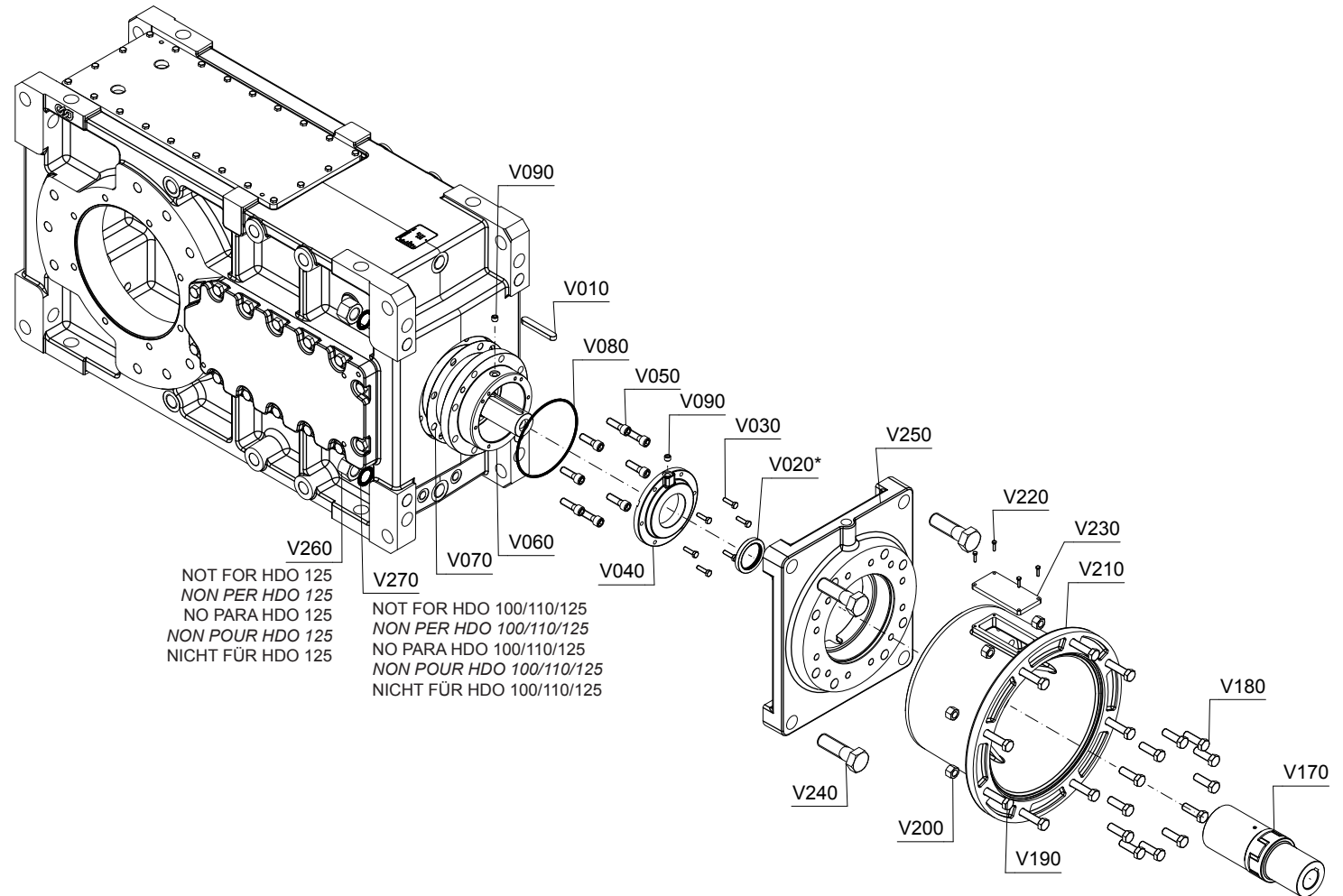
								
	V030		V050		V070	V160	V010	RATIO
HDO 100	M8X30	-	M14X50	-	-	185X242X8	16X10X100 A 14X9X100 A	I= 14.0-15.6-17.3 I= 20.2-2.,5-25.0-28.3-31.5-36.0-40.0
HDO 110	M8X30	-	M14X50	-	185X242X8	-	16X10X100 A 14X9X100 A	I= 18.9-20.9 I= 22.0-24.6-27.2-30.9-34.3-39.3-43.6-48.0-53.1-61.0-67.5-77.5
HDO 120	M8X30	-	M14X45	-	185X242X1.6	-	16X10X100 A 14X9X100 A	I= 17.3-19.5-21.8-24.6 I= 28.3-32.0-34.8-41.2-44.9-49.5-53.9-63.9-69.6-78.6
HDO 125	-	M8X35	-	M14X40	185X242X1.6	-	16X10X100 A 14X9X100 A	I= 19.2-22.6-24.3-27.7-33.0-35.8 I= 38.8-4.,0-50.1-55.4-60.1-72.1-77.6-8.9
HDO 130	M10X35	-	M20X55	-	235X310X1.6	-	20X12X125 A	-
HDO 140	M10X35	-	M20X55	-	235X310X1.6	-	20X12X125 A	-

						
	V090	V100	V120	V130	V080	V150
HDO 100	1/4" GAS	M5X8	74/3.1/0.82	1/4" GAS	177.4X3.53	113.97X2.62
HDO 110	1/4" GAS	M5X8	74/3.1/0.82	1/4" GAS	177.4X3.53	113.97X2.62
HDO 120	1/4" GAS	M5X8	74/3.1/0.82	1/4" GAS	177.4X3.53	113.97X2.62
HDO 125	1/4" GAS	M5X8	74/3.1/0.82	1/4" GAS	177.4X3.53	113.97X2.62
HDO 130	1/4" GAS	M5X8	95/3.8/0.82	1/4" GAS	228.2X3.53	152.07X2.62
HDO 140	1/4" GAS	M5X8	95/3.8/0.82	1/4" GAS	228.2X3.53	152.07X2.62

HDO 100 ... 140

HDO 100 ... HDO 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	G
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-R-D LD-RD-DD
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Frame size Taglia telaio Tamaño de bastidor Taille de châssis Baugröße	100-112-160- 180-225
<p>NOTE: Frame Size 100-112 not For HDO NOTA: Taglia telaio 100-112 non per HDO NOTAS: Tamaño de bastidor 100-112 no para HDO NOTE : Taille de châssis 100-112 pas pour HDO HINWEIS: Baugröße 100-112 nicht für HDO</p>	



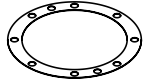


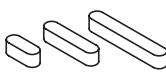


HDO 100 ... HDO 140




Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V020*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V040	OPEN CAP	CAPPEL APERTO	SOMBRETERE ABIERTO	CAPUCHON OUVERT	OFFENE DECKEL
V050	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V060	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V070	SHIMS	SPESSORE	ESPEJOR	CALE	BELAG
V080	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V090	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V170	COUPLING	GIUNTO COMPLETO	ACOPL.COMPLETO	JOINT COMPLET	KOMPL.KUPPLUNG
V180	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V190	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V200	LARGE NUT	DADO ALTO	TUERCA	ECROU HAUT	HOCHMUTTER
V210	MOTOR BELL	CAMPANA PAM	CAMPANA	CLOCHE	MOTORGLOCKE
V220	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V230	PLAIN COVER	COPERCHIO CHIU	TAPA DE CIERRE	COUV.FERMETURE	SCHLUSSDECKEL
V240	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V250	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V260	LARGE NUT	DADO ALTO	TUERCA	ECROU HAUT	HOCHMUTTER
V270	KNURLED WASHER	ROSETTA ZIGRINATA	ARANDELA PLANA GRANEADA	RONDELLE MOLETEE	GERANDELTE SCHEIBE

NOTE: V020* Refer page no: 417/418 / NOTA: V020* Vedere pagina n°: 417/418 / NOTAS: V020* Consultar página n.º: 417/418 / NOTE : V020* Se référer à la page n° : 417/418 / HINWEIS: V020* Siehe Seite: 417/418

HDO 100 ... HDO 140

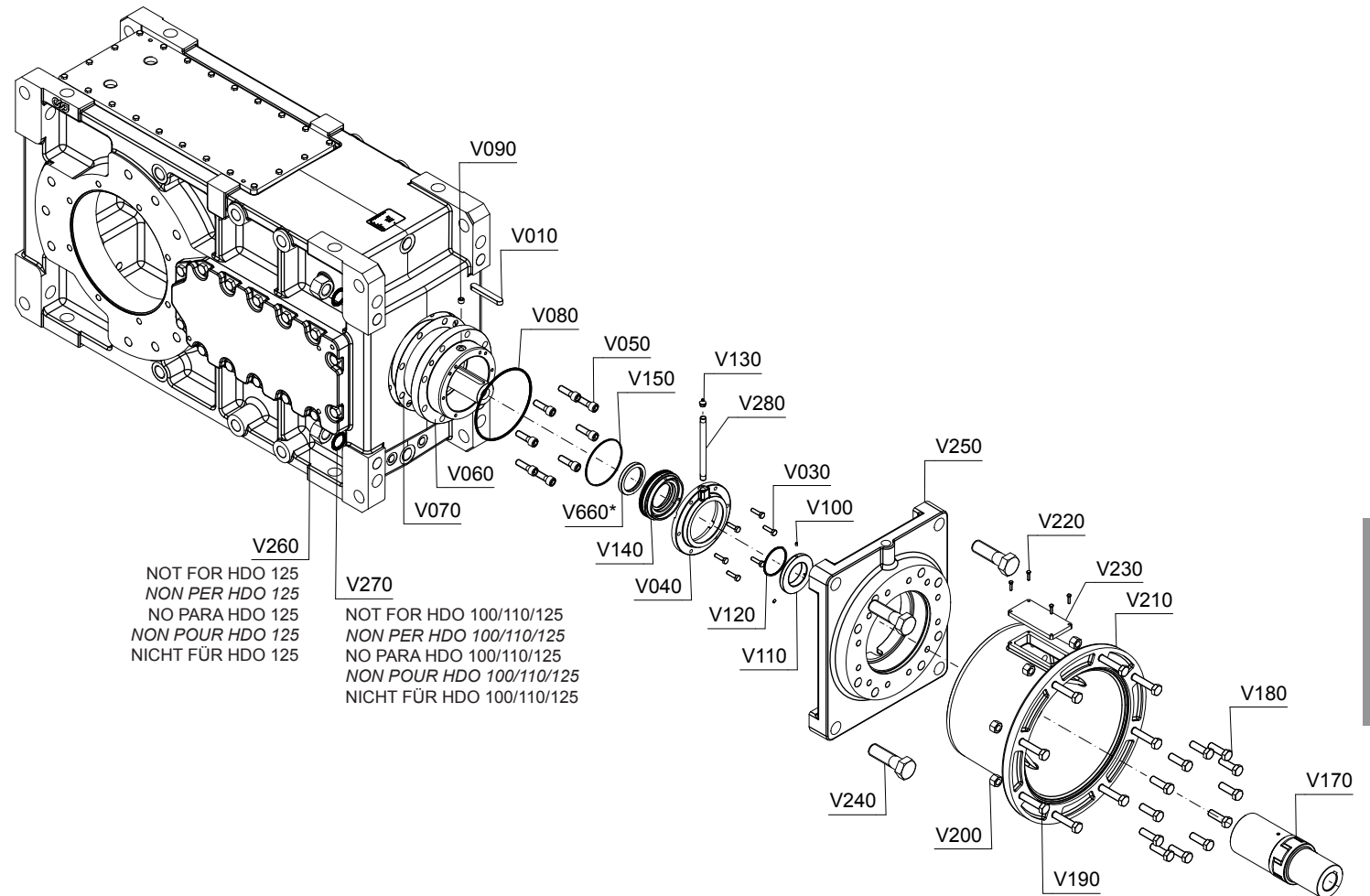
	Stages Stadi Etapas Étages Stufen							RATIO
		V030	V050	V070	V080	V090	V010	
HDO 100	2	M8X30	M14X45	211X269X1.6	202.79X3.53	1/4" GAS	20X12X125 A	-
	3	M8X30	M14X45	185X242X1.6	177.4X3.53	1/4" GAS	16X10X100 A	I= 14.0-15.6-17.3
							14X9X100 A	I= 20.2-2.,5-25.0-28.3-31.5-36.0-40.0
4	M8X30	M14X45	185X242X1.6	177.4X3.53	1/4" GAS	10X8X70 A	-	
HDO 110	2	M8X30	M14X45	211X269X1.6	202.79X3.53	1/4" GAS	20X12X125 A	-
	3	M8X30	M14X45	185X242X1.6	177.4X3.53	1/4" GAS	16X10X100 A	I= 18.9-20.9
							14X9X100 A	I= 22.0-24.6-27.2-30.9-34.3-39.3-43.6-48.0-53.1-61.0-67.5-77.5
4	M8X30	M14X45	185X242X1.6	177.4X3.53	1/4" GAS	10X8X70 A	-	
HDO 120	2	M10X35	M20X60	235X310X1.6	228.2X3.53	1/4" GAS	20X12X125 A	-
	3	M8X30	M14X45	185X242X1.6	177.4X3.53	1/4" GAS	16X10X100 A	I= 17.3-19.5-21.8-24.6
							14X9X100 A	I= 28.3-32.0-34.8-41.2-44.9-49.5-53.9-63.9-69.6-78.6
4	M8X30	M14X45	185X242X1.6	177.4X3.53	1/4" GAS	10X8X70 A	-	
HDO 125	2	M10X35	M20X60	235X310X1.6	228.2X3.53	1/4" GAS	20X12X125 A	-
	3	M8X30	M14X45	185X242X1.6	177.4X3.53	1/4" GAS	16X10X100 A	I= 19.2-22.6-24.3-27.7-33.0-35.8
							14X9X100 A	I= 38.8-4.,0-50.1-55.4-60.1-72.1-77.6-8.9
4	M8X30	M14X45	185X242X1.6	177.4X3.53	1/4" GAS	10X8X70 A	-	
HDO 130	2	M10X35	M20X55	286X374X1.6	278.99X3.53	1/4" GAS	25X14X160 A	-
	3	M10X35	M20X55	235X310X1.6	228.2X3.53	1/4" GAS	20X12X125 A	-
	4	M8X30	M20X55	235X310X1.6	228.2X3.53	1/4" GAS	14X9X100 A	-
HDO 140	2	M10X35	M20X55	286X374X1.6	278.99X3.53	1/4" GAS	25X14X160 A	-
	3	M10X35	M20X55	235X310X1.6	228.2X3.53	1/4" GAS	20X12X125 A	-
	4	M8X30	M20X55	235X310X1.6	228.2X3.53	1/4" GAS	14X9X100 A	-

HDO 100 ... HDO 140

													
	V180	V190			V220			V240		V200		V260	V270
		100-112	160-180	225	100-112	160-180	225	100-112	160-180-225	100-112	160-180-225		
HDO 100	M16X50	M12X45	M16X60	M16X70	M5X10	M5X10	M5X20	M24X150	M24X150	M12	M16	M24	-
HDO 110	M16X50	M12X45	M16X60	M16X70	M5X10	M5X10	M5X20	M24X150	M24X150	M12	M16	M24	-
HDO 120	M16X50	-	M16X65	M16X70	-	M5X14	M5X20	-	M30X170	-	M16	M30	31.6
HDO 125	M16X50	-	M16X65	M16X70	-	M5X14	M5X20	-	M30x100	-	M16	-	-
HDO 130	M16X50	-	M16X60	M16X60	-	M5X14	M5X20	-	36X200	-	M16	M36	36X52X7
HDO 140	M16X50	-	M16X60	M16X60	-	M5X14	M5X20	-	36X200	-	M16	M36	36X52X7

HDO 100 ... HDO 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	G
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-R-D LD-RD-DD
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Frame size Taglia telaio Tamaño de bastidor Taille de châssis Baugröße	100-112-160- 180-225
Option / Opzione / Opción Option / Option	TK
<p>NOTE: Frame Size 100-112 not For HDO NOTA: Taglia telaio 100-112 non per HDO NOTAS: Tamaño de bastidor 100-112 no para HDO NOTE : Taille de châssis 100-112 pas pour HDO HINWEIS: Baugröße 100-112 nicht für HDO</p>	



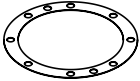

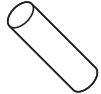


HDO 100 ... HDO 140






Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V040	OPEN CAP	CAPPEL APERTO	SOMBRETERE ABIERTO	CAPUCHON OUVERT	OFFENE DECKEL
V050	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V060	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V070	SHIMS	SPESSORE	ESPEJOR	CALE	BELAG
V080	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V090	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V100	STEI.-CN SCREW	VITE S.T.E.I.-CN	TORNILLO STEI-CN	VIS S.T.H.C	STEI-CN-SCHRAUBE
V110	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V120	LAMELLAR OILSEAL	ANELLO TENUTA LAM	RETEN LAMINAR	JOINT ET.LAMELL	LAM.DICHTRING
V130	GREASE NIPPLE	INGRASSATORE DIRITTO	ENGRASADOR RECTO	GRAISSEUR DROIT	GERADE FETTBUSCHE
V140	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V150	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V170	COUPLING	GIUNTO COMPLETO	ACOPL.COMPLETO	JOINT COMPLET	KOMPL.KUPPLUNG
V180	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V190	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V200	LARGE NUT	DADO ALTO	TUERCA	ECROU HAUT	HOCHMUTTER
V210	MOTOR BELL	CAMPANA PAM	CAMPANA	CLOCHE	MOTORGLOCKE
V220	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V230	PLAIN COVER	COPERCHIO CHIU	TAPA DE CIERRE	COUV.FERMETURE	SCHLUSSDECKEL
V240	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V250	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V260	LARGE NUT	DADO ALTO	TUERCA	ECROU HAUT	HOCHMUTTER
V270	KNURLED WASHER	ROSETTA ZIGRINATA	ARANDELA PLANA GRANEADA	RONDELLE MOLETEE	GERANDELTE SCHEIBE
V280	TUBE	TUBO	TUBO	TUBE	SCHLAUCH
V660*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH

NOTE: V660* Refer page no: 419 / NOTA: V660* Vedere pagina n°: 419 / NOTAS: V660* Consultar página n.º: 419 / NOTE : V660* Se référer à la page n° : 419 / HINWEIS: V660* Siehe Seite: 419




HDO 100 ... HDO 140

	Stages Stadi Etapas Étages Stufen				 OR		
		V030	V050	V070	V080	V150	V280
HDO 100	2	M8X30	M14X45	211X269X1.6	202.79X3.53	145.72X2.62	1/4" GAS L=115
	3	M8X30	M14X45	185X242X1.6	177.4X3.53	113.97X2.62	
	4	M8X30	M14X45	185X242X1.6	177.4X3.53	113.97X2.62	
HDO 110	2	M8X30	M14X45	211X269X1.6	202.79X3.53	145.72X2.62	1/4" GAS L=100
	3	M8X30	M14X45	185X242X1.6	177.4X3.53	113.97X2.62	1/4" GAS L=115
	4	M8X30	M14X45	185X242X1.6	177.4X3.53	113.97X2.62	1/4" GAS L=115
HDO 120	2	M10X35	M20X60	235X310X1.6	228.2X3.53	152.07X2.62	1/4" GAS L=100
	3	M8X30	M14X45	185X242X1.6	177.4X3.53	113.97X2.62	1/4" GAS L=175
	4	M8X30	M14X45	185X242X1.6	177.4X3.53	113.97X2.62	1/4" GAS L=175
HDO 125	2	M10X35	M20X60	235X310X1.6	228.2X3.53	152.07X2.62	1/4" GAS L=100
	3	M8X30	M14X45	185X242X1.6	177.4X3.53	113.97X2.62	1/4" GAS L=175
	4	M8X30	M14X45	235X310X1.6	177.4X3.53	113.97X2.62	1/4" GAS L=175
HDO 130	2	M10X35	M20X55	286X374X1.6	278.99X3.53	177.47X2.62	1/4" GAS L=175
	3	M10X35	M20X55	235X310X1.6	228.2X3.53	152.07X2.62	1/4" GAS L=175
	4	M8X30	M20X55	235X310X1.6	228.2X3.53	113.97X2.62	1/4" GAS L=250
HDO 140	2	M10X35	M20X55	286X374X1.6	278.99X3.53	177.47X2.62	1/4" GAS L=175
	3	M10X35	M20X55	235X310X1.6	228.2X3.53	152.07X2.62	1/4" GAS L=175
	4	M8X30	M20X55	235X310X1.6	228.2X3.53	113.97X2.62	1/4" GAS L=250

HDO 100 ... HDO 140

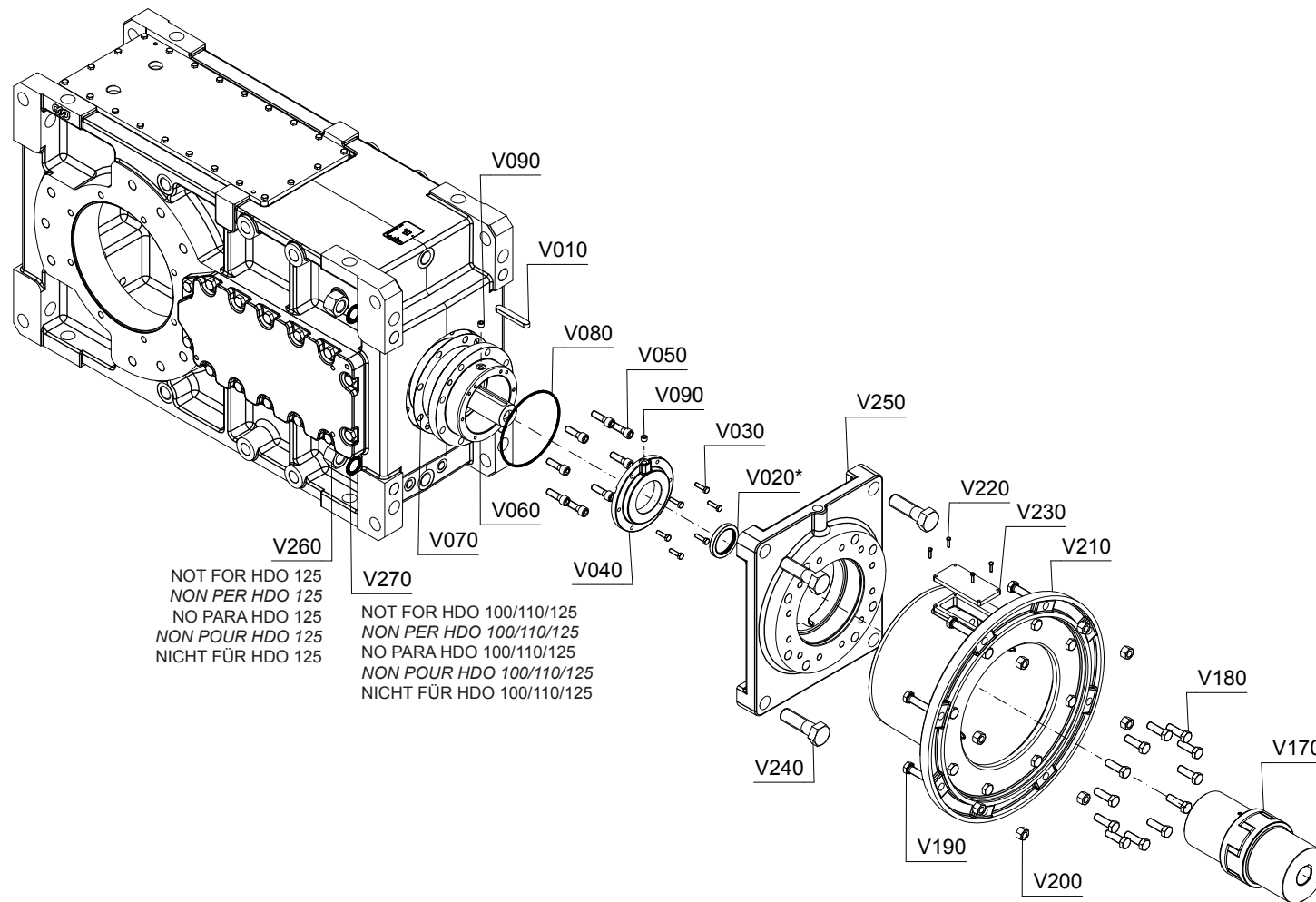
	Stages Stadi Etapas Étages Stufen						RATIO
		V090	V100	V120	V130	V010	
HDO 100	2	1/4" GAS	M4X8	90/3.8/0.82	1/4" GAS	20X12X125 A	-
	3	1/4" GAS	M5X8	74/3.1/0.82	1/4" GAS	16X10X100 A	I=14.0-15.6-17.3
						14X9X100 A	I= 20.2-22.5-25.0-28.3-31.5-36.0-40.0
4	1/4" GAS	M4X8	51/2.4/0.72	1/4" GAS	10X8X70 A	-	
HDO 110	2	1/4" GAS	M4X8	90/3.8/0.82	1/4" GAS	20X12X125 A	-
	3	1/4" GAS	M5X8	74/3.1/0.82	1/4" GAS	16X10X100 A	I= 18.9-20.9
						14X9X100 A	I= 22.0-24.6-27.2-30.9-34.3-39.3-43.6-48.0-53.1-61.0-67.5-77.5
4	1/4" GAS	M4X8	51/2.4/0.72	1/4" GAS	10X8X70 A	-	
HDO 120	2	1/4" GAS	M5X8	95/3.8/0.82	1/4" GAS	20X12X125 A	-
	3	1/4" GAS	M5X8	74/3.1/0.82	1/4" GAS	16X10X100 A	I= 17.3-19.5-21.8-24.6
						14X9X100 A	I= 28.3-32.0-34.8-41.2-44.9-49.5-53.9-63.9-69.6-78.6
4	1/4" GAS	M4X8	51/2.4/0.72	1/4" GAS	10X8X70 A	-	
HDO 125	2	1/4" GAS	M5X8	95/3.8/0.82	1/4" GAS	20X12X125 A	-
	3	1/4" GAS	M5X8	74/3.1/0.82	1/4" GAS	16X10X100 A	I= 19.2-22.6-24.3-27.7-33.0-35.8
						14X9X100 A	I= 38.8-42.0-50.1-55.4-60.1-72.1-77.6-8.9
4	1/4" GAS	M4X8	51/2.4/0.72	1/4" GAS	10X8X70 A	-	
HDO 130	2	1/4" GAS	M5X8	120/5/0.98	1/4" GAS	25X14X160 A	-
	3	1/4" GAS	M5X8	95/3.8/0.82	1/4" GAS	20X12X125 A	-
	4	1/4" GAS	M5X8	74/3.1/0.82	1/4" GAS	14X9X100 A	-
HDO 140	2	1/4" GAS	M5X8	120/5/0.98	1/4" GAS	25X14X160 A	-
	3	1/4" GAS	M5X8	95/3.8/0.82	1/4" GAS	20X12X125 A	-
	4	1/4" GAS	M5X8	74/3.1/0.82	1/4" GAS	14X9X100 A	-

HDO 100 ... HDO 140

													
	V180	V190			V220			V240		V200		V260	V270
		100-112	160-180	225	100-112	160-180	225	100-112	160-180-225	100-112	160-180-225		
HDO 100	M16X50	M12X45	M16X60	M16X70	M5X10	M5X10	M5X20	M24X150	M24X150	M12	M16	M24	-
HDO 110	M16X50	M12X45	M16X60	M16X70	M5X10	M5X10	M5X20	M24X150	M24X150	M12	M16	M24	-
HDO 120	M16X50	-	M16X65	M16X70	-	M5X14	M5X20	-	M30X170	-	M16	M30	31.6
HDO 125	M16X50	-	M16X65	M16X70	-	M5X14	M5X20	-	M30x100	-	M16	-	-
HDO 130	M16X50	-	M16X60	M16X60	-	M5X14	M5X20	-	36X200	-	M16	M36	36X52X7
HDO 140	M16X50	-	M16X60	M16X60	-	M5X14	M5X20	-	36X200	-	M16	M36	36X52X7

HDO 100 ... HDO 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	G
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-R-D LD-RD-DD
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Frame size Taglia telaio Tamaño de bastidor Taille de châssis Baugröße	132-200-250- 280-315





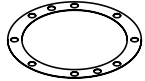



HDO 100 ... 140

HDO 100 ... HDO 140


Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V020*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V040	OPEN CAP	CAPPEL APERTO	SOMBRETERE ABIERTO	CAPUCHON OUVERT	OFFENE DECKEL
V050	E.S.H.SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V060	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V070	SHIMS	SPESSORE	ESPEJOR	CALE	BELAG
V080	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V090	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V170	COUPLING	GIUNTO COMPLETO	ACOPL.COMPLETO	JOINT COMPLET	KOMPL.KUPPLUNG
V180	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V190	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V200	LARGE NUT	DADO ALTO	TUERCA	ECROU HAUT	HOCHMUTTER
V210	MOTOR BELL	CAMPANA PAM	CAMPANA	CLOCHE	MOTORGLOCKE
V220	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V230	PLAIN COVER	COPERCHIO CHIU	TAPA DE CIERRE	COUV.FERMETURE	SCHLUSSDECKEL
V240	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V250	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V260	LARGE NUT	DADO ALTO	TUERCA	ECROU HAUT	HOCHMUTTER
V270	KNURLED WASHER	ROSETTA ZIGRINATA	ARANDELA PLANA GRANEADA	RONDELLE MOLETEE	GERANDELTE SCHEIBE



NOTE: V020* Refer page no: 417/418 / NOTA: V020* Vedere pagina n°: 417/418 / NOTAS: V020* Consultar página n.º: 417/418 / NOTE : V020* Se référer à la page n° : 417/418 / HINWEIS: V020* Siehe Seite: 417/418

HDO 100 ... HDO 140

	Stages Stadi Etapas Étages Stufen							RATIO
		V030	V050	V070	V080	V090	V010	
HDO 100	2	M8X30	M14X45	211X269X1.6	202.79X3.53	1/4" GAS	20X12X125 A	-
	3	M8X30	M14X45	185X242X1.6	177.4X3.53	1/4" GAS	16X10X100 A	I= 14.0-15.6-17.3
							14X9X100 A	I= 20.2-2.,5-25.0-28.3-31.5-36.0-40.0
4	M8X30	M14X45	185X242X1.6	177.4X3.53	1/4" GAS	10X8X70 A	-	
HDO 110	2	M8X30	M14X45	211X269X1.6	202.79X3.53	1/4" GAS	20X12X125 A	-
	3	M8X30	M14X45	185X242X1.6	177.4X3.53	1/4" GAS	16X10X100 A	I= 18.9-20.9
							14X9X100 A	I= 22.0-24.6-27.2-30.9-34.3-39.3-43.6-48.0-53.1-61.0-67.5-77.5
4	M8X30	M14X45	185X242X1.6	177.4X3.53	1/4" GAS	10X8X70 A	-	
HDO 120	2	M10X35	M20X60	235X310X1.6	228.2X3.53	1/4" GAS	20X12X125 A	-
	3	M8X30	M14X45	185X242X1.6	177.4X3.53	1/4" GAS	16X10X100 A	I= 17.3-19.5-21.8-24.6
							14X9X100 A	I= 28.3-32.0-34.8-41.2-44.9-49.5-53.9-63.9-69.6-78.6
4	M8X30	M14X45	185X242X1.6	177.4X3.53	1/4" GAS	10X8X70 A	-	
HDO 125	2	M10X35	M20X60	235X310X1.6	228.2X3.53	1/4" GAS	20X12X125 A	-
	3	M8X30	M14X45	185X242X1.6	177.4X3.53	1/4" GAS	16X10X100 A	I= 19.2-22.6-24.3-27.7-33.0-35.8
							14X9X100 A	I= 38.8-4.,0-50.1-55.4-60.1-72.1-77.6-8.9
4	M8X30	M14X45	235X310X1.6	177.4X3.53	1/4" GAS	10X8X70 A	-	
HDO 130	2	M10X35	M20X55	286X374X1.6	278.99X3.53	1/4" GAS	25X14X160 A	-
	3	M10X35	M20X55	235X310X1.6	228.2X3.53	1/4" GAS	20X12X125 A	-
	4	M8X30	M20X55	235X310X1.6	228.2X3.53	1/4" GAS	14X9X100 A	-
HDO 140	2	M10X35	M20X55	286X374X1.6	278.99X3.53	1/4" GAS	25X14X160 A	-
	3	M10X35	M20X55	235X310X1.6	228.2X3.53	1/4" GAS	20X12X125 A	-
	4	M8X30	M20X55	235X310X1.6	228.2X3.53	1/4" GAS	14X9X100 A	-

HDO 100 ... HDO 140

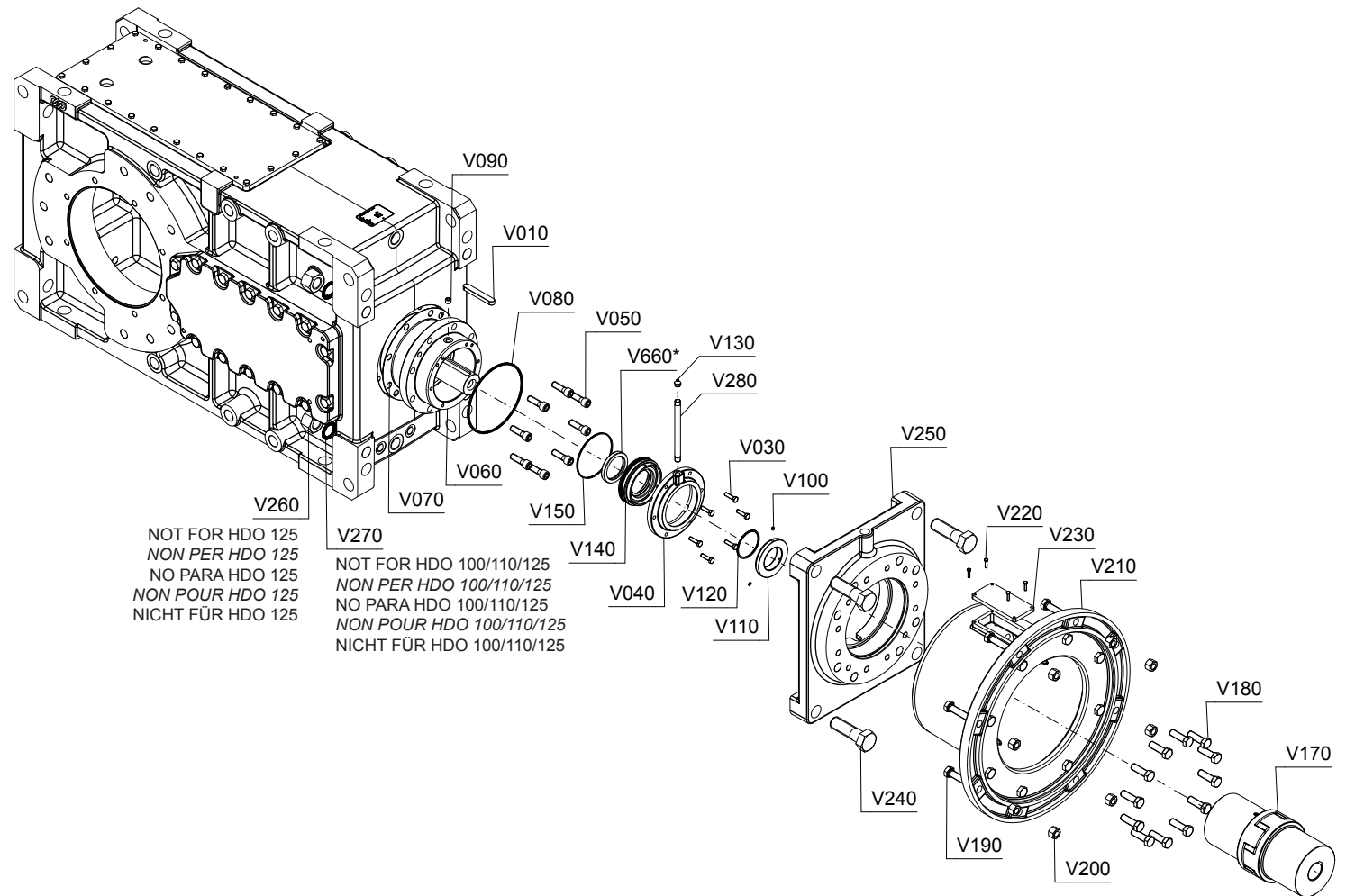
												
	V180				V190				V220			V240
	132	200	250-280	315	132	200	250-280	315	132	200	250-280-315	
HDO 100	M16X50	M16X50	M16X50	M16X50	M12X40	M16X35	M16X70	M20X70	M5X10	M5X10	M5X20	M24X150
HDO 110	M16X50	M16X50	M16X50	M16X50	M12X40	M16X35	M16X70	M20X70	M5X10	M5X10	M5X20	M24X150
HDO 120	M16X50	M24X60	M16X50	M24X60	M12X35	M16X35	M16X70	M20X70	M5X14	M5X14	M5X20	M30X170
HDO 125	M16X50	M24X60	M16X50	M24X60	M12X35	M16X35	M16X70	M20X70	M5X14	M5X14	M5X20	M30x100
HDO 130	-	-	M16X50	M24X60	-	M16X35	M16X70	M20X70	-	M5X14	M5X20	M36X200
HDO 140	-	-	M16X50	M24X60	-	M16X35	M16X70	M20X70	-	M5X14	M5X20	M36X200

						
	V200				V260	V270
	250-280	315				
HDO 100	M16	M20			M24	-
HDO 110	M16	M20			M24	-
HDO 120	M16	M20			M30	31.6
HDO 125	M16	M20			-	-
HDO 130	M16	M20			M36	36X52X7
HDO 140	M16	M20			M36	36X52X7

HDO 100 ... 140

HDO 100 ... HDO 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	G
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-R-D LD-RD-DD
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Frame size Taglia telaio Tamaño de bastidor Taille de châssis Baugröße	132-200-250- 280-315
Option / Opzione / Opción Option / Option	TK



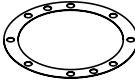

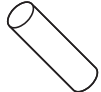


HDO 100 ... HDO 140






Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V040	OPEN CAP	CAPPEL APERTO	SOMBRETERE ABIERTO	CAPUCHON OUVERT	OFFENE DECKEL
V050	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V060	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V070	SHIMS	SPESSORE	ESPEJOR	CALE	BELAG
V080	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V090	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V100	STEI.-CN SCREW	VITE S.T.E.I.-CN	TORNILLO STEI-CN	VIS S.T.H.C	STEI-CN-SCHRAUBE
V110	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V120	LAMELLAR OILSEAL	ANELLO TENUTA LAM	RETEN LAMINAR	JOINT ET.LAMELL	LAM.DICHTRING
V130	GREASE NIPPLE	INGRASSATORE DIRITTO	ENGRASADOR RECTO	GRAISSEUR DROIT	GERADE FETTBUSCHE
V140	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V150	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V170	COUPLING	GIUNTO COMPLETO	ACOPL.COMPLETO	JOINT COMPLET	KOMPL.KUPPLUNG
V180	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V190	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V200	LARGE NUT	DADO ALTO	TUERCA	ECROU HAUT	HOCHMUTTER
V210	MOTOR BELL	CAMPANA PAM	CAMPANA	CLOCHE	MOTORGLOCKE
V220	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V230	PLAIN COVER	COPERCHIO CHIU	TAPA DE CIERRE	COUV.FERMETURE	SCHLUSSDECKEL
V240	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V250	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V260	LARGE NUT	DADO ALTO	TUERCA	ECROU HAUT	HOCHMUTTER
V270	KNURLED WASHER	ROSETTA ZIGRINATA	ARANDELA PLANA GRANEADA	RONDELLE MOLETEE	GERANDELTE SCHEIBE
V280	TUBE	TUBO	TUBO	TUBE	SCHLAUCH
V660*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH

NOTE: V660* Refer page no: 419 / NOTA: V660* Vedere pagina n°: 419 / NOTAS: V660* Consultar página n.º: 419 / NOTE : V660* Se référer à la page n° : 419 / HINWEIS: V660* Siehe Seite: 419


HDO 100 ... HDO 140



	Stages Stadi Etapas Étages Stufen				 OR		
		V030	V050	V070	V080	V150	V280
HDO 100	2	M8X30	M14X45	211X269X1.6	202.79X3.53	145.72X2.62	1/4" GAS L=115
	3	M8X30	M14X45	185X242X1.6	177.4X3.53	113.97X2.62	
	4	M8X30	M14X45	185X242X1.6	177.4X3.53	113.97X2.62	
HDO 110	2	M8X30	M14X45	211X269X1.6	202.79X3.53	145.72X2.62	1/4" GAS L=100
	3	M8X30	M14X45	185X242X1.6	177.4X3.53	113.97X2.62	1/4" GAS L=115
	4	M8X30	M14X45	185X242X1.6	177.4X3.53	113.97X2.62	1/4" GAS L=115
HDO 120	2	M10X35	M20X60	235X310X1.6	228.2X3.53	152.07X2.62	1/4" GAS L=100
	3	M8X30	M14X45	185X242X1.6	177.4X3.53	113.97X2.62	1/4" GAS L=175
	4	M8X30	M14X45	185X242X1.6	177.4X3.53	113.97X2.62	1/4" GAS L=175
HDO 125	2	M10X35	M20X60	235X310X1.6	228.2X3.53	152.07X2.62	1/4" GAS L=100
	3	M8X30	M14X45	185X242X1.6	177.4X3.53	113.97X2.62	1/4" GAS L=175
	4	M8X30	M14X45	235X310X1.6	177.4X3.53	113.97X2.62	1/4" GAS L=175
HDO 130	2	M10X35	M20X55	286X374X1.6	278.99X3.53	177.47X2.62	1/4" GAS L=175
	3	M10X35	M20X55	235X310X1.6	228.2X3.53	152.07X2.62	1/4" GAS L=175
	4	M8X30	M20X55	235X310X1.6	228.2X3.53	113.97X2.62	1/4" GAS L=250
HDO 140	2	M10X35	M20X55	286X374X1.6	278.99X3.53	177.47X2.62	1/4" GAS L=175
	3	M10X35	M20X55	235X310X1.6	228.2X3.53	152.07X2.62	1/4" GAS L=175
	4	M8X30	M20X55	235X310X1.6	228.2X3.53	113.97X2.62	1/4" GAS L=250

HDO 100 ... HDO 140

	Stages Stadi Etapas Étages Stufen						RATIO
		V090	V100	V120	V130	V010	
HDO 100	2	1/4" GAS	M4X8	90/3.8/0.82	1/4" GAS	20X12X125 A	-
	3	1/4" GAS	M5X8	74/3.1/0.82	1/4" GAS	16X10X100 A	I=14.0-15.6-17.3
						14X9X100 A	I= 20.2-22.5-25.0-28.3-31.5-36.0-40.0
4	1/4" GAS	M4X8	51/2.4/0.72	1/4" GAS	10X8X70 A	-	
HDO 110	2	1/4" GAS	M4X8	90/3.8/0.82	1/4" GAS	20X12X125 A	-
	3	1/4" GAS	M5X8	74/3.1/0.82	1/4" GAS	16X10X100 A	I= 18.9-20.9
						14X9X100 A	I= 22.0-24.6-27.2-30.9-34.3-39.3-43.6-48.0-53.1-61.0-67.5-77.5
4	1/4" GAS	M4X8	51/2.4/0.72	1/4" GAS	10X8X70 A	-	
HDO 120	2	1/4" GAS	M5X8	95/3.8/0.82	1/4" GAS	20X12X125 A	-
	3	1/4" GAS	M5X8	74/3.1/0.82	1/4" GAS	16X10X100 A	I= 17.3-19.5-21.8-24.6
						14X9X100 A	I= 28.3-32.0-34.8-41.2-44.9-49.5-53.9-63.9-69.6-78.6
4	1/4" GAS	M4X8	51/2.4/0.72	1/4" GAS	10X8X70 A	-	
HDO 125	2	1/4" GAS	M5X8	95/3.8/0.82	1/4" GAS	20X12X125 A	-
	3	1/4" GAS	M5X8	74/3.1/0.82	1/4" GAS	16X10X100 A	I= 19.2-22.6-24.3-27.7-33.0-35.8
						14X9X100 A	I= 38.8-42.0-50.1-55.4-60.1-72.1-77.6-8.9
4	1/4" GAS	M4X8	51/2.4/0.72	1/4" GAS	10X8X70 A	-	
HDO 130	2	1/4" GAS	M5X8	120/5/0.98	1/4" GAS	25X14X160 A	-
	3	1/4" GAS	M5X8	95/3.8/0.82	1/4" GAS	20X12X125 A	-
	4	1/4" GAS	M5X8	74/3.1/0.82	1/4" GAS	14X9X100 A	-
HDO 140	2	1/4" GAS	M5X8	120/5/0.98	1/4" GAS	25X14X160 A	-
	3	1/4" GAS	M5X8	95/3.8/0.82	1/4" GAS	20X12X125 A	-
	4	1/4" GAS	M5X8	74/3.1/0.82	1/4" GAS	14X9X100 A	-

HDO 100 ... HDO 140

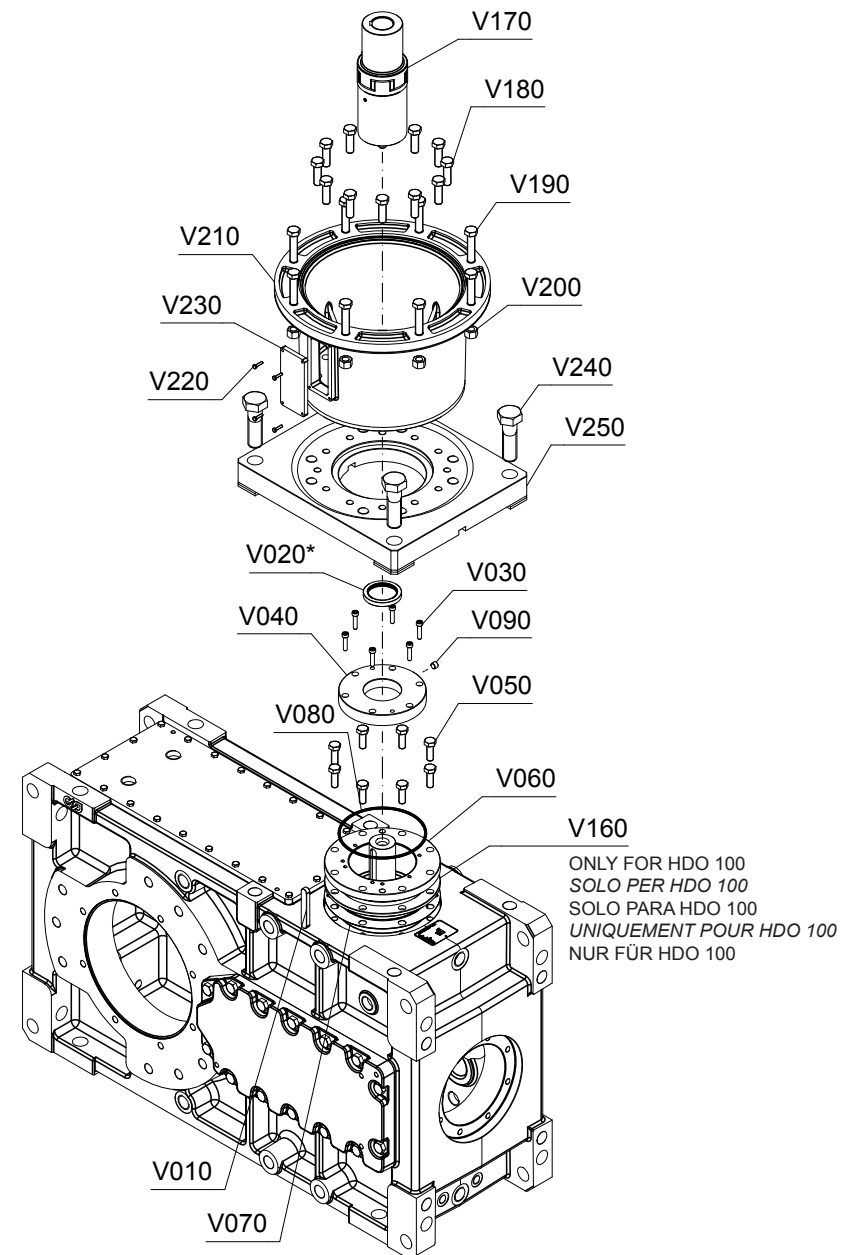
												
	V180				V190				V220			V240
	132	200	250-280	315	132	200	250-280	315	132	200	250-280-315	
HDO 100	M16X50	M16X50	M16X50	M16X50	M12X40	M16X35	M16X70	M20X70	M5X10	M5X10	M5X20	M24X150
HDO 110	M16X50	M16X50	M16X50	M16X50	M12X40	M16X35	M16X70	M20X70	M5X10	M5X10	M5X20	M24X150
HDO 120	M16X50	M24X60	M16X50	M24X60	M12X35	M16X35	M16X70	M20X70	M5X14	M5X14	M5X20	M30X170
HDO 125	M16X50	M24X60	M16X50	M24X60	M12X35	M16X35	M16X70	M20X70	M5X14	M5X14	M5X20	M30x100
HDO 130	-	-	M16X50	M24X60	-	M16X35	M16X70	M20X70	-	M5X14	M5X20	M36X200
HDO 140	-	-	M16X50	M24X60	-	M16X35	M16X70	M20X70	-	M5X14	M5X20	M36X200

						
	V200				V260	V270
	250-280	315				
HDO 100	M16	M20			M24	-
HDO 110	M16	M20			M24	-
HDO 120	M16	M20			M30	31.6
HDO 125	M16	M20			-	-
HDO 130	M16	M20			M36	36X52X7
HDO 140	M16	M20			M36	36X52X7

HDO 100 ... 140

HDO 100 ... HDO 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	3
Type / Tipo / Tipo Type / Typ	GJ
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LJ-RJ-DJ- LD-RD-DD
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Frame size Taglia telaio Tamaño de bastidor Taille de châssis Baugröße	160-180- 225-315







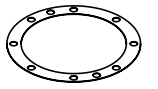


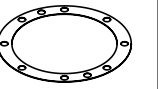
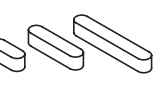
HDO 100 ... 140



HDO 100 ... HDO 140

Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V020*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V030	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V040	OPEN CAP	CAPPEL APERTO	SOMBRETERE ABIERTO	CAPUCHON OUVERT	OFFENE DECKEL
V050	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V050	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V060	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V070	SHIMS	SPESSORE	ESPEJOR	CALE	BELAG
V080	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V090	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V160	SPACER RING	DISTANZIALE	DISTANCIADOR	ENTRETOISE	DISTANZRING
V170	COUPLING	GIUNTO COMPLETO	ACOPL.COMPLETO	JOINT COMPLET	KOMPL.KUPPLUNG
V180	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V190	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V200	LARGE NUT	DADO ALTO	TUERCA	ECROU HAUT	HOCHMUTTER
V210	MOTOR BELL	CAMPANA PAM	CAMPANA	CLOCHE	MOTORGLOCKE
V220	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V230	PLAIN COVER	COPERCHIO CHIU	TAPA DE CIERRE	COUV.FERMETURE	SCHLUSSDECKEL
V240	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V250	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG

NOTE: V020* Refer page no: 417/418 / NOTA: V020* Vedere pagina n°: 417/418 / NOTAS: V020* Consultar página n.º: 417/418 / NOTE : V020* Se référer à la page n° : 417/418 / HINWEIS: V020* Siehe Seite: 417/418

HDO 100 ... HDO 140

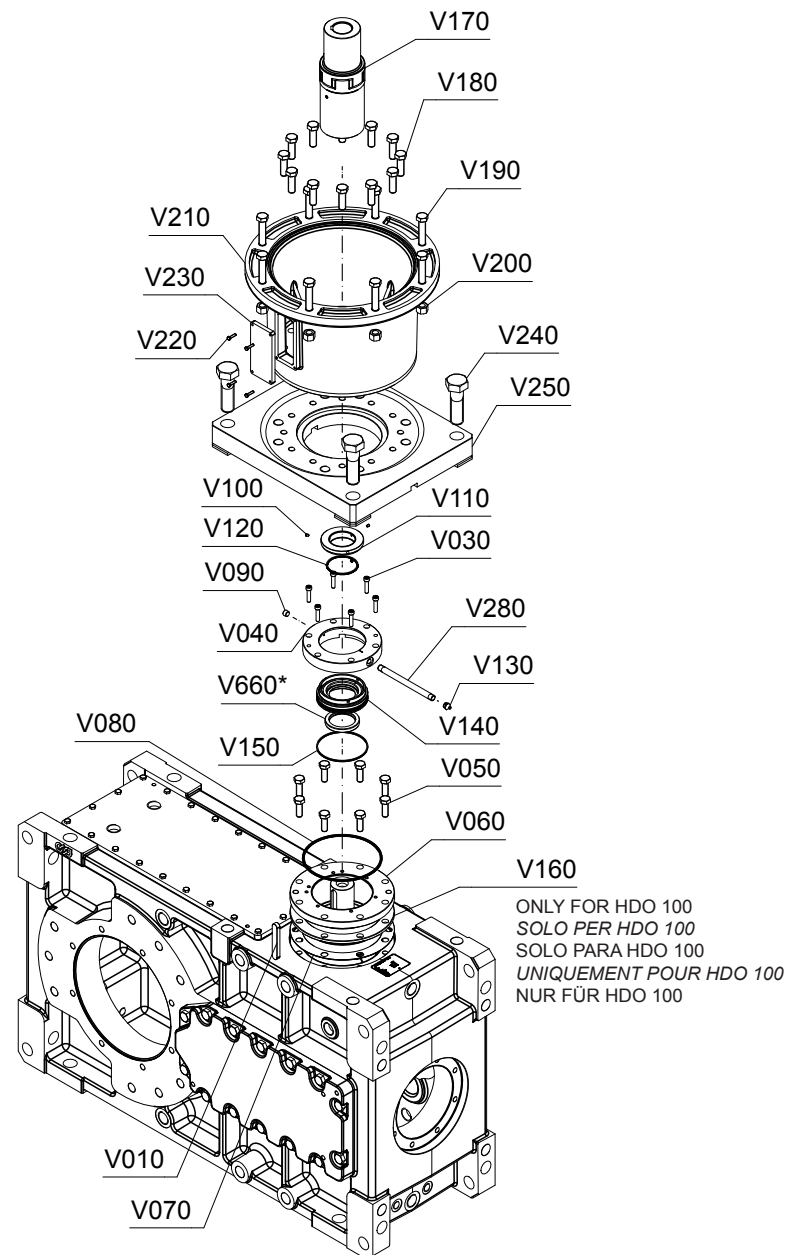
										
	V030		V050		V070	V080	V090	V160	V010	RATIO
HDO 100	M8X30	-	M14X50	-	-	177.4X3.53	1/4" GAS	185X242X8	16X10X100 A	I= 14.0-15.6-17.3
									14X9X100 A	I= 20.2-2.,5-25.0-28.3-31.5-36.0-40.0
HDO 110	M8X30	-	M14X50	-	185X242X8	177.4X3.53	1/4" GAS	-	16X10X100 A	I= 18.9-20.9
									14X9X100 A	I= 22.0-24.6-27.2-30.9-34.3-39.3-43.6-48.0-53.1-61.0-67.5-77.5
HDO 120	M8X30	-	M14X45	-	185X242X1.6	177.4X3.53	1/4" GAS	-	16X10X100 A	I= 17.3-19.5-21.8-24.6
									14X9X100 A	I= 28.3-32.0-34.8-41.2-44.9-49.5-53.9-63.9-69.6-78.6
HDO 125	-	M8X35	-	M14X40	185X242X1.6	177.4X3.53	1/4" GAS	-	16X10X100 A	I= 19.2-22.6-24.3-27.7-33.0-35.8
									14X9X100 A	I= 38.8-4.,0-50.1-55.4-60.1-72.1-77.6-8.9
HDO 130	M10X35	-	M20X55	-	235X310X1.6	228.2X3.53	1/4" GAS	-	20X12X125 A	-
HDO 140	M10X35	-	M20X55	-	235X310X1.6	228.2X3.53	1/4" GAS	-	20X12X125 A	-

															
	V180				V190			V220			V240	V200			
	160	180	225	315	160-180	225	315	160-180	225	315		160	180	225	315
HDO 100	M16X50	M16X50	M16X50	M16X50	M16X60	M16X70	M20X70	M5X10	M5X20	M5X20	M24X100	M16	M16	M16	M20
HDO 110	M16X50	M16X50	M16X50	M16X50	M16X60	M16X70	M20X70	M5X10	M5X20	M5X20	M24X100	M16	M16	M16	M20
HDO 120	-	-	M16X50	M24X60	-	M16X70	M20X70	-	M5X20	M5X20	M30x100	-	-	M16	M20
HDO 125	-	-	M16X50	M24X60	-	M16X70	M20X70	-	M5X20	M5X20	M30x100	-	-	M16	M20
HDO 130	-	-	-	M24X60	-	-	M20X70	-	-	M5X20	M36X110	-	-	-	M20
HDO 140	-	-	-	M24X60	-	-	M20X70	-	-	M5X20	M36X110	-	-	-	M20

HDO 100 ... 140

HDO 100 ... HDO 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	3
Type / Tipo / Tipo Type / Typ	GJ
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LJ-RJ-DJ- LD-RD-DD
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Frame size Taglia telaio Tamaño de bastidor Taille de châssis Baugröße	160-180- 225-315
Option / Opzione / Opción Option / Option	TK





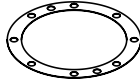
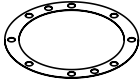
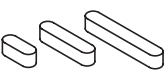






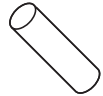
HDO 100 ... HDO 140

Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V030	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V040	OPEN CAP	CAPPEL APERTO	SOMBRETE ABIERTO	CAPUCHON OUVERT	OFFENE DECKEL
V050	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V050	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V060	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V070	SHIMS	SPESSORE	ESPEJOR	CALE	BELAG
V080	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V090	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V100	STEI.-CN SCREW	VITE S.T.E.I.-CN	TORNILLO STEI-CN	VIS S.T.H.C	STEI-CN-SCHRAUBE
V110	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V120	LAMELLAR OILSEAL	ANELLO TENUTA LAM	RETEN LAMINAR	JOINT ET.LAMELL	LAM.DICHTRING
V130	GREASE NIPPLE	INGRASSATORE DIRITTO	ENGRASADOR RECTO	GRAISSEUR DROIT	GERADE FETTBUSCHE
V140	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V150	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V160	SPACER RING	DISTANZIALE	DISTANCIADOR	ENTRETOISE	DISTANZRING
V170	COUPLING	GIUNTO COMPLETO	ACOPL.COMPLETO	JOINT COMPLET	KOMPL.KUPPLUNG
V180	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V190	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V200	LARGE NUT	DADO ALTO	TUERCA	ECROU HAUT	HOCHMUTTER
V210	MOTOR BELL	CAMPANA PAM	CAMPANA	CLOCHE	MOTORGLOCKE
V220	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V230	PLAIN COVER	COPERCHIO CHIU	TAPA DE CIERRE	COUV.FERMETURE	SCHLUSSDECKEL
V240	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V250	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V280	TUBE	TUBO	TUBO	TUBE	SCHLAUCH
V660*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH

NOTE: V660* Refer page no: 419 / NOTA: V660* Vedere pagina n°: 419 / NOTAS: V660* Consultar página n.º: 419 / NOTE : V660* Se référer à la page n° : 419 / HINWEIS: V660* Siehe Seite: 419

HDO 100 ... HDO 140

								
	V030		V050		V070	V160	V010	RATIO
HDO 100	M8X30	-	M14X50	-	-	185X242X8	16X10X100 A 14X9X100 A	I= 14.0-15.6-17.3 I= 20.2-2.,5-25.0-28.3-31.5-36.0-40.0
HDO 110	M8X30	-	M14X30	-	185X242X8	-	16X10X100 A 14X9X100 A	I= 18.9-20.9 I= 22.0-24.6-27.2-30.9-34.3-39.3-43.6-48.0-53.1-61.0-67.5-77.5
HDO 120	M8X30	-	M14X45	-	185X242X1.6	-	16X10X100 A 14X9X100 A	I= 17.3-19.5-21.8-24.6 I= 28.3-32.0-34.8-41.2-44.9-49.5-53.9-63.9-69.6-78.6
HDO 125	-	M8X35	-	M14X40	185X242X1.6	-	16X10X100 A 14X9X100 A	I= 19.2-22.6-24.3-27.7-33.0-35.8 I= 38.8-4.,0-50.1-55.4-60.1-72.1-77.6-8.9
HDO 130	M10X35	-	M20X55	-	235X310X1.6	-	20X12X125 A	-
HDO 140	M10X35	-	M20X55	-	235X310X1.6	-	20X12X125 A	-

					OR		
	V090	V100	V120	V130	V080	V150	V280
HDO 100	1/4" GAS	M5X8	74/3.1/0.82	1/4" GAS	177.4X3.53	113.97X2.62	1/4" GAS L=115
HDO 110	1/4" GAS	M5X8	74/3.1/0.82	1/4" GAS	177.4X3.53	113.97X2.62	1/4" GAS L=115
HDO 120	1/4" GAS	M5X8	74/3.1/0.82	1/4" GAS	177.4X3.53	113.97X2.62	1/4" GAS L=175
HDO 125	1/4" GAS	M5X8	74/3.1/0.82	1/4" GAS	177.4X3.53	113.97X2.62	1/4" GAS L=175
HDO 130	1/4" GAS	M5X8	95/3.8/0.82	1/4" GAS	228.2X3.53	152.07X2.62	1/4" GAS L=175
HDO 140	1/4" GAS	M5X8	95/3.8/0.82	1/4" GAS	228.2X3.53	152.07X2.62	1/4" GAS L=175

HDO 100 ... 140

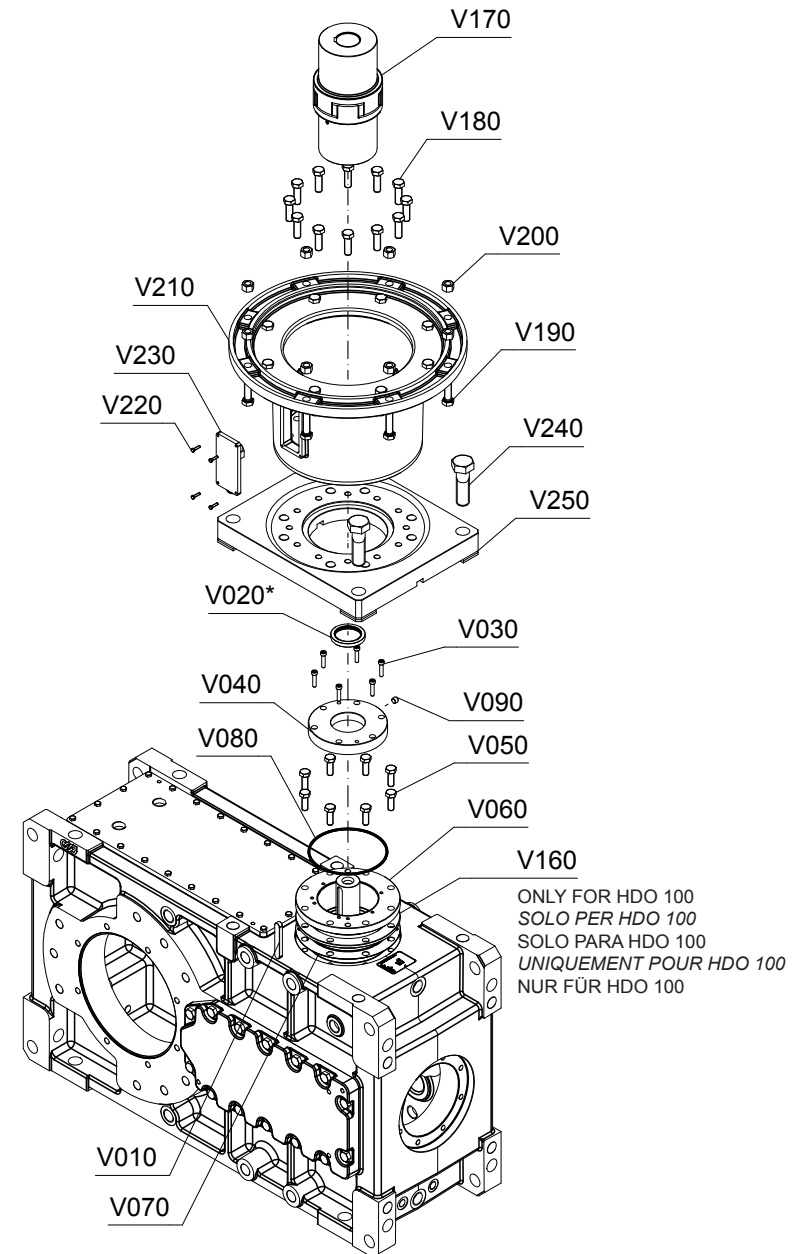
HDO 100 ... HDO 140



	V180				V190			V220			V240	V200			
	160	180	225	315	160-180	225	315	160-180	225	315		160	180	225	315
HDO 100	M16X50	M16X50	M16X50	M16X50	M16X60	M16X70	M20X70	M5X10	M5X20	M5X20	M24X100	M16	M16	M16	M20
HDO 110	M16X50	M16X50	M16X50	M16X50	M16X60	M16X70	M20X70	M5X10	M5X20	M5X20	M24X100	M16	M16	M16	M20
HDO 120	-	-	M16X50	M24X60	-	M16X70	M20X70	-	M5X20	M5X20	M30x100	-	-	M16	M20
HDO 125	-	-	M16X50	M24X60	-	M16X70	M20X70	-	M5X20	M5X20	M30x100	-	-	M16	M20
HDO 130	-	-	-	M24X60	-	-	M20X70	-	-	M5X20	M36X110	-	-	-	M20
HDO 140	-	-	-	M24X60	-	-	M20X70	-	-	M5X20	M36X110	-	-	-	M20

HDO 100 ... HDO 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	3
Type / Tipo / Tipo Type / Typ	GJ
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LJ-RJ-DJ- LD-RD-DD
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Frame size Taglia telaio Tamaño de bastidor Taille de châssis Baugröße	200-250-280





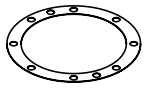


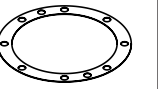
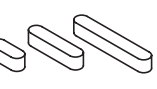




HDO 100 ... HDO 140

Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V020*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V030	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V040	OPEN CAP	CAPPEL APERTO	SOMBRETERE ABIERTO	CAPUCHON OUVERT	OFFENE DECKEL
V050	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V050	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V060	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V070	SHIMS	SPESSORE	ESPEJOR	CALE	BELAG
V080	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V090	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V160	SPACER RING	DISTANZIALE	DISTANCIADOR	ENTRETOISE	DISTANZRING
V170	COUPLING	GIUNTO COMPLETO	ACOPL.COMPLETO	JOINT COMPLET	KOMPL.KUPPLUNG
V180	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V190	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V200	LARGE NUT	DADO ALTO	TUERCA	ECROU HAUT	HOCHMUTTER
V210	MOTOR BELL	CAMPANA PAM	CAMPANA	CLOCHE	MOTORGLOCKE
V220	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V230	PLAIN COVER	COPERCHIO CHIU	TAPA DE CIERRE	COUV.FERMETURE	SCHLUSSDECKEL
V240	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V250	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG

NOTE: V020* Refer page no: 417/418 / NOTA: V020* Vedere pagina n°: 417/418 / NOTAS: V020* Consultar página n.º: 417/418 / NOTE : V020* Se référer à la page n° : 417/418 / HINWEIS: V020* Siehe Seite: 417/418

HDO 100 ... HDO 140

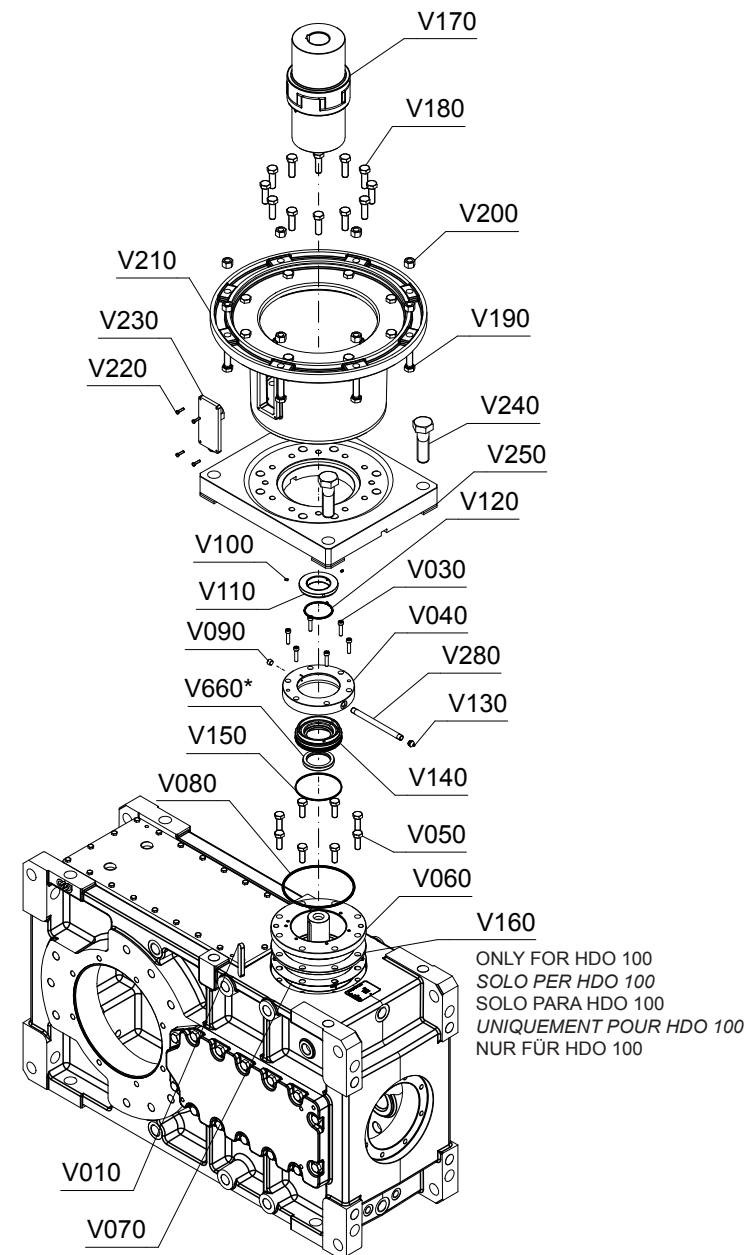
										
	V030		V050		V070	V080	V090	V160	V010	RATIO
HDO 100	M8X30	-	M14X50	-	-	177.4X3.53	1/4" GAS	185X242X8	16X10X100 A 14X9X100 A	I= 14.0-15.6-17.3 I= 20.2-2.,5-25.0-28.3-31.5-36.0-40.0
HDO 110	M8X30	-	M14X50	-	185X242X8	177.4X3.53	1/4" GAS	-	16X10X100 A 14X9X100 A	I= 18.9-20.9 I= 22.0-24.6-27.2-30.9-34.3-39.3-43.6-48.0-53.1-61.0-67.5-77.5
HDO 120	M8X30	-	M14X45	-	185X242X1.6	177.4X3.53	1/4" GAS	-	16X10X100 A 14X9X100 A	I= 17.3-19.5-21.8-24.6 I= 28.3-32.0-34.8-41.2-44.9-49.5-53.9-63.9-69.6-78.6
HDO 125	-	M8X35	-	M14X40	185X242X1.6	177.4X3.53	1/4" GAS	-	16X10X100 A 14X9X100 A	I= 19.2-22.6-24.3-27.7-33.0-35.8 I= 38.8-4.,0-50.1-55.4-60.1-72.1-77.6-8.9
HDO 130	M10X35	-	M20X55	-	235X310X1.6	228.2X3.53	1/4" GAS	-	20X12X125 A	-
HDO 140	M10X35	-	M20X55	-	235X310X1.6	228.2X3.53	1/4" GAS	-	20X12X125 A	-

								
	V180		V190		V220		V240	V200
	200	250-280	200	250-280	200	250-280	200-250-280	
HDO 100	M16X50	M16X50	M16X35	M16X70	M5X10	M5X20	M24X100	M16
HDO 110	M16X50	M16X50	M16X35	M16X70	M5X10	M5X20	M24X100	M16
HDO 120	M16X50	M16X50	M16X35	M16X70	M5X14	M5X20	M30x100	M16
HDO 125	M16X50	M16X50	M16X35	M16X70	M5X14	M5X20	M30x100	M16
HDO 130	-	M16X50	-	M16X70	-	M5X20	M36X110	M16
HDO 140	-	M16X50	-	M16X70	-	M5X20	M36X110	M16

HDO 100 ... 140

HDO 100 ... HDO 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	3
Type / Tipo / Tipo Type / Typ	GJ
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LJ-RJ-DJ- LD-RD-DD
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Frame size Taglia telaio Tamaño de bastidor Taille de châssis Baugröße	200-250-280
Option / Opzione / Opción Option / Option	TK





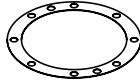
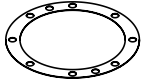







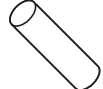
HDO 100 ... HDO 140

Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V030	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V040	OPEN CAP	CAPPEL APERTO	SOMBRETERE ABIERTO	CAPUCHON OUVERT	OFFENE DECKEL
V050	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V050	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V060	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V070	SHIMS	SPESSORE	ESPEJOR	CALE	BELAG
V080	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V090	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V100	STEI.-CN SCREW	VITE S.T.E.I.-CN	TORNILLO STEI-CN	VIS S.T.H.C	STEI-CN-SCHRAUBE
V110	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V120	LAMELLAR OILSEAL	ANELLO TENUTA LAM	RETEN LAMINAR	JOINT ET.LAMELL	LAM.DICHTRING
V130	GREASE NIPPLE	INGRASSATORE DIRITTO	ENGRASADOR RECTO	GRAISSEUR DROIT	GERADE FETTBUSCHE
V140	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V150	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V160	SPACER RING	DISTANZIALE	DISTANCIADOR	ENTRETOISE	DISTANZRING
V170	COUPLING	GIUNTO COMPLETO	ACOPL.COMPLETO	JOINT COMPLET	KOMPL.KUPPLUNG
V180	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V190	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V200	LARGE NUT	DADO ALTO	TUERCA	ECROU HAUT	HOCHMUTTER
V210	MOTOR BELL	CAMPANA PAM	CAMPANA	CLOCHE	MOTORGLOCKE
V220	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V230	PLAIN COVER	COPERCHIO CHIU	TAPA DE CIERRE	COUV.FERMETURE	SCHLUSSDECKEL
V240	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V250	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V280	TUBE	TUBO	TUBO	TUBE	SCHLAUCH
V660*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH

NOTE: V660* Refer page no: 419 / NOTA: V660* Vedere pagina n°: 419 / NOTAS: V660* Consultar página n.º: 419 / NOTE : V660* Se référer à la page n° : 419 / HINWEIS: V660* Siehe Seite: 419

HDO 100 ... HDO 140

								
	V030		V050		V070	V160	V010	RATIO
HDO 100	M8X30	-	M14X50	-	-	185X242X8	16X10X100 A 14X9X100 A	I= 14.0-15.6-17.3 I= 20.2-2.,5-25.0-28.3-31.5-36.0-40.0
HDO 110	M8X30	-	M14X30	-	185X242X8	-	16X10X100 A 14X9X100 A	I= 18.9-20.9 I= 22.0-24.6-27.2-30.9-34.3-39.3-43.6-48.0-53.1-61.0-67.5-77.5
HDO 120	M8X30	-	M14X45	-	185X242X1.6	-	16X10X100 A 14X9X100 A	I= 17.3-19.5-21.8-24.6 I= 28.3-32.0-34.8-41.2-44.9-49.5-53.9-63.9-69.6-78.6
HDO 125	-	M8X35	-	M14X40	185X242X1.6	-	16X10X100 A 14X9X100 A	I= 19.2-22.6-24.3-27.7-33.0-35.8 I= 38.8-4.,0-50.1-55.4-60.1-72.1-77.6-8.9
HDO 130	M10X35	-	M20X55	-	235X310X1.6	-	20X12X125 A	-
HDO 140	M10X35	-	M20X55	-	235X310X1.6	-	20X12X125 A	-

					OR		
	V090	V100	V120	V130	V080	V150	V280
HDO 100	1/4" GAS	M5X8	74/3.1/0.82	1/4" GAS	177.4X3.53	113.97X2.62	1/4" GAS L=115
HDO 110	1/4" GAS	M5X8	74/3.1/0.82	1/4" GAS	177.4X3.53	113.97X2.62	1/4" GAS L=115
HDO 120	1/4" GAS	M5X8	74/3.1/0.82	1/4" GAS	177.4X3.53	113.97X2.62	1/4" GAS L=175
HDO 125	1/4" GAS	M5X8	74/3.1/0.82	1/4" GAS	177.4X3.53	113.97X2.62	1/4" GAS L=175
HDO 130	1/4" GAS	M5X8	95/3.8/0.82	1/4" GAS	228.2X3.53	152.07X2.62	1/4" GAS L=175
HDO 140	1/4" GAS	M5X8	95/3.8/0.82	1/4" GAS	228.2X3.53	152.07X2.62	1/4" GAS L=175

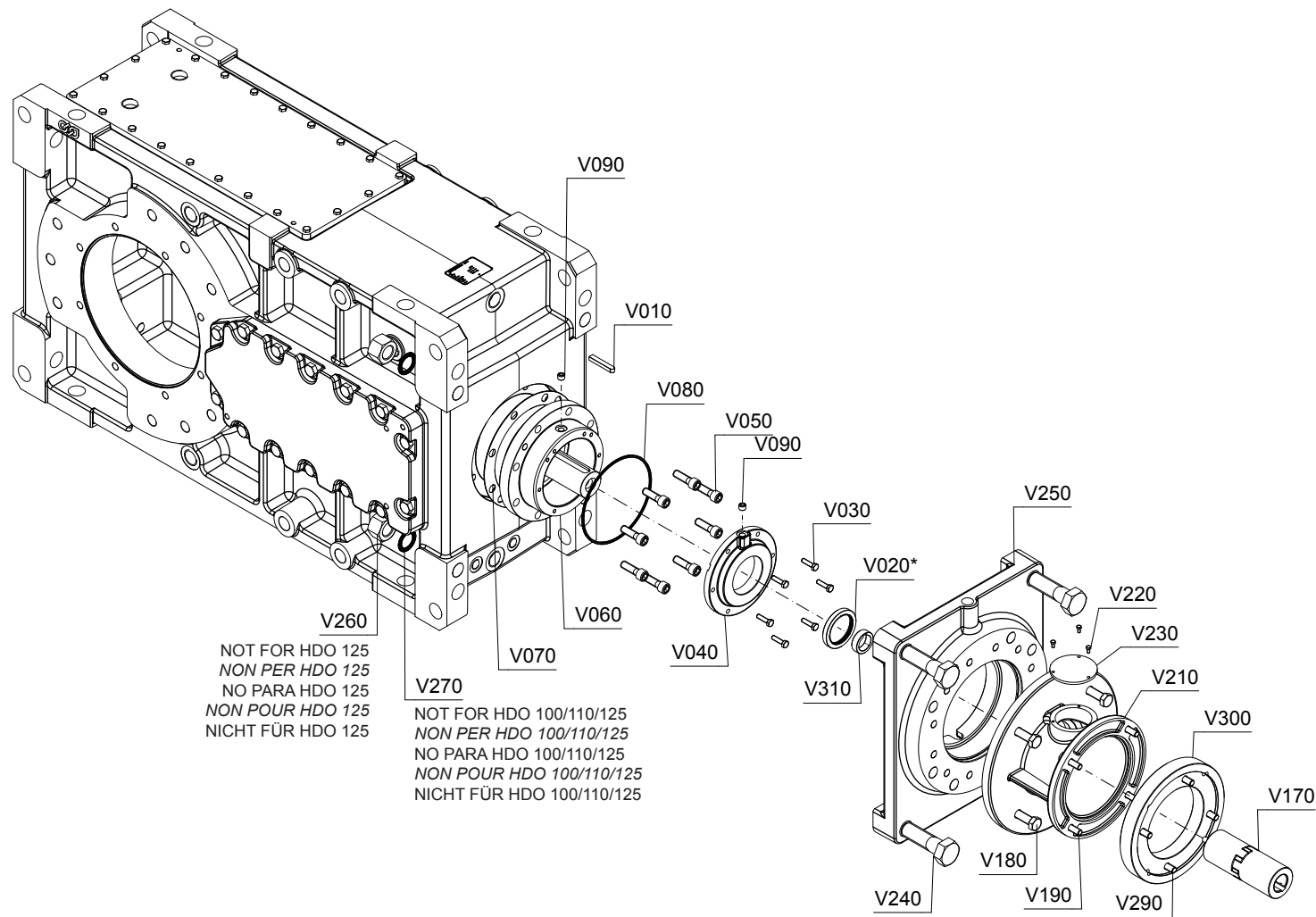
HDO 100 ... HDO 140



	V180						V190		V220		V240	V200
	200		250-280		200		250-280		200-250-280			
	200	250-280	200	250-280	200	250-280	200-250-280					
HDO 100	M16X50	M16X50	M16X35	M16X70	M5X10	M5X20	M24X100	M16				
HDO 110	M16X50	M16X50	M16X35	M16X70	M5X10	M5X20	M24X100	M16				
HDO 120	M16X50	M16X50	M16X35	M16X70	M5X14	M5X20	M30x100	M16				
HDO 125	M16X50	M16X50	M16X35	M16X70	M5X14	M5X20	M30x100	M16				
HDO 130	-	M16X50	-	M16X70	-	M5X20	M36X110	M16				
HDO 140	-	M16X50	-	M16X70	-	M5X20	M36X110	M16				

HDO 100 ... HDO 140

Size / Taglia / Tamaño Taille / Größe	100 / 110 / 120 / 125
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	NG
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-R-D
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Frame size Taglia telaio Tamaño de bastidor Taille de châssis Baugröße	N 180-210



HDO 100 ... HDO 140





Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V020*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V040	OPEN CAP	CAPPEL APERTO	SOMBRETERE ABIERTO	CAPUCHON OUVERT	OFFENE DECKEL
V050	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V060	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V070	SHIMS	SPESSORE	ESPEJOR	CALE	BELAG
V080	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V090	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V170	COUPLING	GIUNTO COMPLETO	ACOPL.COMPLETO	JOINT COMPLET	KOMPL.KUPPLUNG
V180	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V190	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V210	MOTOR BELL	CAMPANA PAM	CAMPANA	CLOCHE	MOTORGLOCKE
V220	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V230	PLAIN COVER	COPERCHIO CHIU	TAPA DE CIERRE	COUV.FERMETURE	SCHLUSSDECKEL
V240	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V250	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V260	LARGE NUT	DADO ALTO	TUERCA	ECROU HAUT	HOCHMUTTER
V270	KNURLED WASHER	ROSETTA ZIGRINATA	ARANDELA PLANA GRANEADA	RONDELLE MOLETEE	GERANDELTE SCHEIBE
V290	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V300	CONNECT.FLANGE	FLANGIA COLLEG	BRIDA DE UNION	BRIDE ASSEMBL	FLANSCH
V310	SPACER RING	DISTANZIALE	DISTANCIADOR	ENTRETOISE	DISTANZRING


NOTE: V020* Refer page no: 417/418 / NOTA: V020* Vedere pagina n°: 417/418 / NOTAS: V020* Consultar página n.º: 417/418 / NOTE : V020* Se référer à la page n° : 417/418 / HINWEIS: V020* Siehe Seite: 417/418

HDO 100 ... HDO 140

	Stages Stadi Etapas Étages Stufen					
		V030	V050	V070	V080	V090
HDO 100	2	M8X30	M14X45	211X269X1.6	202.79X3.53	1/4"GAS
	3	M8X30	M14X45	185X242X1.6	177.4X3.53	1/4"GAS
	4	M8X30	M14X45	185X242X1.6	177.4X3.53	1/4"GAS
HDO 110	2	M8X30	M14X45	211X269X1.6	202.79X3.53	1/4"GAS
	3	M8X30	M14X45	185X242X1.6	177.4X3.53	1/4"GAS
	4	M8X30	M14X45	185X242X1.6	177.4X3.53	1/4"GAS
HDO 120	2	M10X35	M20X60	235X310X1.6	228.2X3.53	1/4"GAS
	3	M8X30	M14X45	185X242X1.6	177.4X3.53	1/4"GAS
	4	M8X30	M14X45	185X242X1.6	177.4X3.53	1/4"GAS
HDO 125	2	M10X35	M20X60	235X310X1.6	228.2X3.53	1/4"GAS
	3	M8X30	M14X45	185X242X1.6	177.4X3.53	1/4"GAS
	4	M8X30	M14X45	235X310X1.6	177.4X3.53	1/4"GAS

HDO 100 ... HDO 140

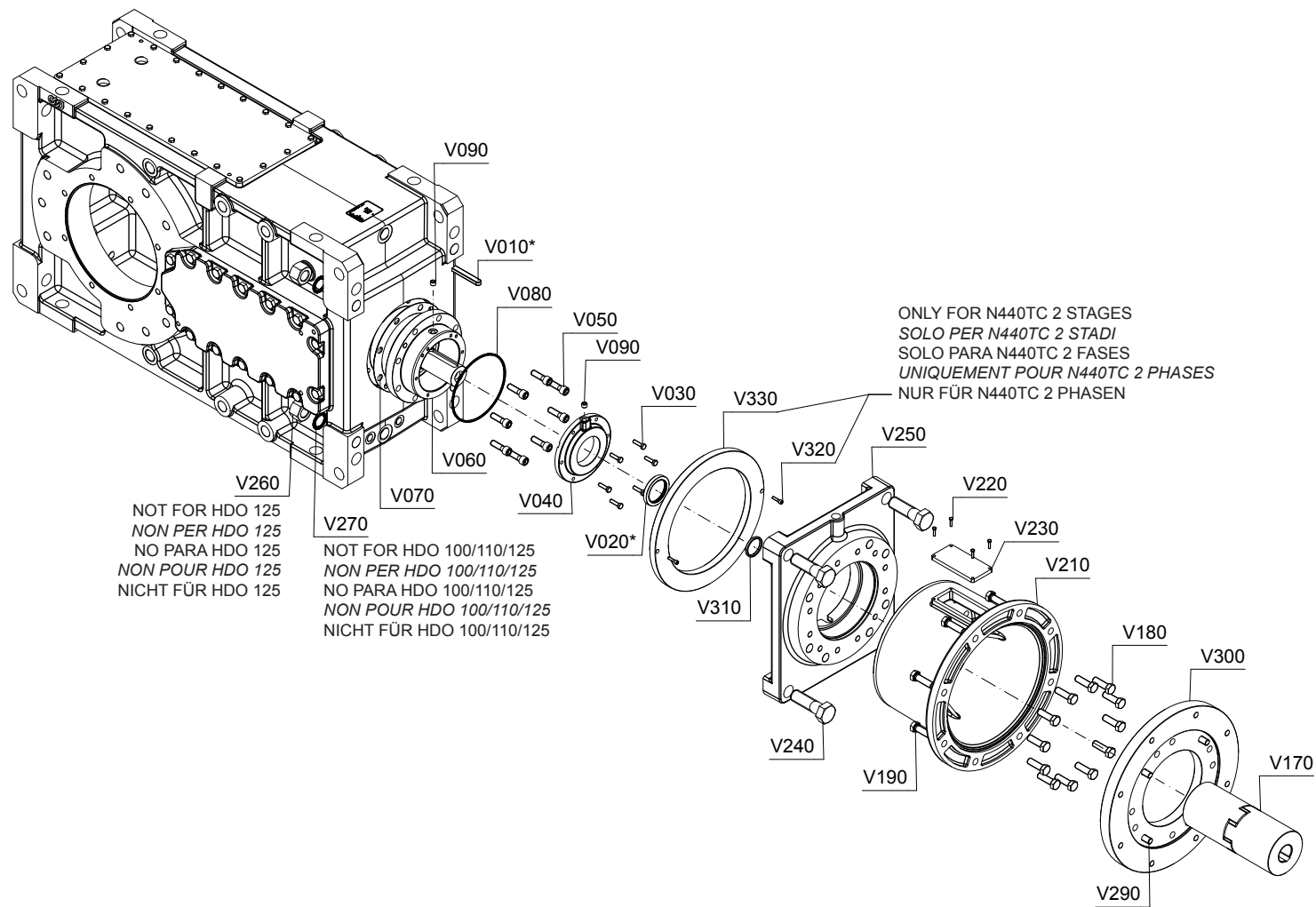
													
	V180		V190		V220		V240		V260		V270	V290	
	180	210	180	210	180	210	180	210	180	210	210	180	210
HDO 100	M16X50	M16X50	M12X40	M12X40	M5X10	M5X10	M24X150	M24X150	M24	M24	-	1/2-13X1-1/4" UNC	1/2-13X1-1/4" UNC
HDO 110	M16X50	M16X50	M12X40	M12X40	M5X10	M5X10	M24X150	M24X150	M24	M24	-	1/2-13X1-1/4" UNC	1/2-13X1-1/4" UNC
HDO 120	-	M16X50	-	M12X40	-	M5X10	-	M30X170	-	M30	30	-	1/2-13X1-1/4" UNC
HDO 125	-	M16X50	-	M12X40	-	M5X10	-	M30X100	-	-	-	-	1/2-13X1-1/4" UNC

			
	V010		
	180	210	RATIO
HDO 100	10X8X70 A	10X8X62 C	70.8-13.8
		10X8X70 A	160-344.2
HDO 110	10X8X70 A	10X8X62 C	77.4-121.7
		10X8X70 A	137.1-395
HDO 120	-	10X8X62 C	87-162.2
		10X8X70 A	179.7-400.6
HDO 125	-	10X8X62 C	97-178
		10X8X70 A	200.3-438

HDO 100 ... 140

HDO 100 ... HDO 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	NG
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-R-D
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Frame size Taglia telaio Tamaño de bastidor Taille de châssis Baugröße	N 250-280-320 N 360-400-440





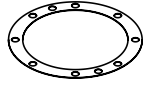


HDO 100 ... HDO 140

Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010*	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V020*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V040	OPEN CAP	CAPPEL APERTO	SOMBRETERE ABIERTO	CAPUCHON OUVERT	OFFENE DECKEL
V050	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V060	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V070	SHIMS	SPESSORE	ESPEJOR	CALE	BELAG
V080	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V090	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V170	COUPLING	GIUNTO COMPLETO	ACOPL.COMPLETO	JOINT COMPLET	KOMPL.KUPPLUNG
V180	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V190	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V210	MOTOR BELL	CAMPANA PAM	CAMPANA	CLOCHE	MOTORGLOCKE
V220	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V230	PLAIN COVER	COPERCHIO CHIU	TAPA DE CIERRE	COUV.FERMETURE	SCHLUSSDECKEL
V240	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V250	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V260	LARGE NUT	DADO ALTO	TUERCA	ECROU HAUT	HOCHMUTTER
V270	KNURLED WASHER	ROSETTA ZIGRINATA	ARANDELA PLANA GRANEADA	RONDELLE MOLETEE	GERANDELTE SCHEIBE
V290	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V300	CONNECT.FLANGE	FLANGIA COLLEG	BRIDA DE UNION	BRIDE ASSEMBL	FLANSCH
V310	SPACER RING	DISTANZIALE	DISTANCIADOR	ENTRETOISE	DISTANZRING
V320	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V330	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG

NOTE: V010* Refer page no: 420/421 / NOTA: V010* Vedere pagina n°: 420/421 / NOTAS: V010* Consultar página n.º: 420/421 / NOTE : V010* Se référer à la page n° : 420/421 / HINWEIS: V010* Siehe Seite: 420/421

NOTE: V020* Refer page no: 417/418 / NOTA: V020* Vedere pagina n°: 417/418 / NOTAS: V020* Consultar página n.º: 417/418 / NOTE : V020* Se référer à la page n° : 417/418 / HINWEIS: V020* Siehe Seite: 417/418

HDO 100 ... HDO 140

	Stages Stadi Etapas Étages Stufen					
		V030	V050	V070	V080	V090
HDO 100	2	M8X30	M14X45	211X269X1.6	202.79X3.53	1/4" GAS
	3	M8X30	M14X45	185X242X1.6	177.4X3.53	1/4" GAS
	4	M8X30	M14X45	185X242X1.6	177.4X3.53	1/4" GAS
HDO 110	2	M8X30	M14X45	211X269X1.6	202.79X3.53	1/4" GAS
	3	M8X30	M14X45	185X242X1.6	177.4X3.53	1/4" GAS
	4	M8X30	M14X45	185X242X1.6	177.4X3.53	1/4" GAS
HDO 120	2	M10X35	M20X60	235X310X1.6	228.2X3.53	1/4" GAS
	3	M8X30	M14X45	185X242X1.6	177.4X3.53	1/4" GAS
	4	M8X30	M14X45	185X242X1.6	177.4X3.53	1/4" GAS
HDO 125	2	M10X35	M20X60	235X310X1.6	228.2X3.53	1/4" GAS
	3	M8X30	M14X45	185X242X1.6	177.4X3.53	1/4" GAS
	4	M8X30	M14X45	235X310X1.6	177.4X3.53	1/4" GAS
HDO 130	2	M10X35	M20X55	286X374X1.6	278.99X3.53	1/4" GAS
	3	M10X35	M20X55	235X310X1.6	228.2X3.53	1/4" GAS
	4	M8X30	M20X55	235X310X1.6	228.2X3.53	1/4" GAS
HDO 140	2	M10X35	M20X55	286X374X1.6	278.99X3.53	1/4" GAS
	3	M10X35	M20X55	235X310X1.6	228.2X3.53	1/4" GAS
	4	M8X30	M20X55	235X310X1.6	228.2X3.53	1/4" GAS

HDO 100 ... HDO 140






	V180		V190			
	250-280-320-360-400	440	250	280	320-360-400	440
	HDO 100	M16X50	-	M16X45	M16X50	M16X55
HDO 110	M16X50	-	M16X45	M16X50	M16X55	-
HDO 120	M16X50	M24X60	M16X45	M16X50	M16X55	M20X55
HDO 125	M16X50	M24X60	M16X45	M16X50	M16X55	M20X55
HDO 130	M16X50	M24X60	M16X45	M16X50	M16X55	M20X55
HDO 140	M16X50	M24X60	M16X45	M16X50	M16X55	M20X55



	V220			V240	
	250-280	320-360-400	440	250-280-320-360-400	440
	HDO 100	M5X10	M5X20	-	M24X150
HDO 110	M5X10	M5X20	-	M24X150	-
HDO 120	M5X10	M5X20	M5X20	M30X170	M30X170
HDO 125	M5X10	M5X20	M5X20	M30X100	M30X100
HDO 130	M5X10	M5X20	M5X20	M36X200	M36X200
HDO 140	M5X10	M5X20	M5X20	M36X200	M36X200

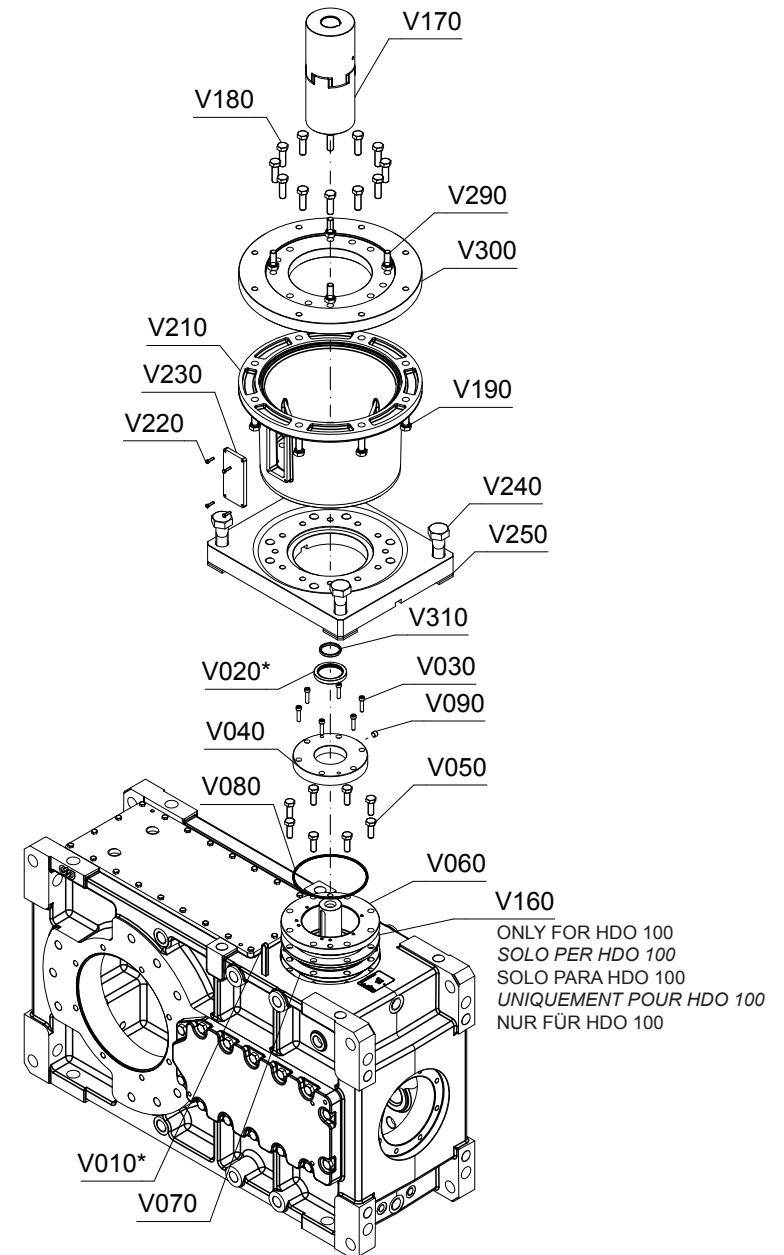
HDO 100 ... 140

HDO 100 ... HDO 140

							
	V260		V270	V290			V320
	250-280-320-360-400	440	250-280-320-360-400-440	250-280	320-360-400	440	440
HDO 100	M24	-	-	1/2-13X1-1/4" UNC	5/8-11X1-1/2" UNC	-	-
HDO 110	M24	-	-	1/2-13X1-1/4" UNC	5/8-11X1-1/2" UNC	-	-
HDO 120	M30	M30	30	1/2-13X1-1/4" UNC	5/8-11X1-1/2" UNC	5/8-11X1-1/2" UNC	-
HDO 125	-	-	-	1/2-13X1-1/4" UNC	5/8-11X1-1/2" UNC	5/8-11X1-1/2" UNC	-
HDO 130	M36	M36	36X52X7	1/2-13X1-1/4" UNC	5/8-11X1-1/2" UNC	5/8-11X1-1/2" UNC	M6X25
HDO 140	M36	M36	36X52X7	1/2-13X1-1/4" UNC	5/8-11X1-1/2" UNC	5/8-11X1-1/2" UNC	M6X25

HDO 100 ... HDO 140





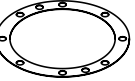


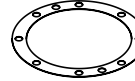

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	3
Type / Tipo / Tipo Type / Typ	NGJ
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LJ-RJ-DJ
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Frame size Taglia telaio Tamaño de bastidor Taille de châssis Baugröße	N 250-280-320 N 360-400-440



HDO 100 ... HDO 140

Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010*	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V020*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V030	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V040	OPEN CAP	CAPPEL APERTO	SOMBRETERE ABIERTO	CAPUCHON OUVERT	OFFENE DECKEL
V050	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V050	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V060	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V070	SHIMS	SPESSORE	ESPEJOR	CALE	BELAG
V080	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V090	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V160	SPACER RING	DISTANZIALE	DISTANCIADOR	ENTRETOISE	DISTANZRING
V170	COUPLING	GIUNTO COMPLETO	ACOPL.COMPLETO	JOINT COMPLET	KOMPL.KUPPLUNG
V180	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V190	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V210	MOTOR BELL	CAMPANA PAM	CAMPANA	CLOCHE	MOTORGLOCKE
V220	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V230	PLAIN COVER	COPERCHIO CHIU	TAPA DE CIERRE	COUV.FERMETURE	SCHLUSSDECKEL
V240	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V250	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V290	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V300	CONNECT.FLANGE	FLANGIA COLLEG	BRIDA DE UNION	BRIDE ASSEMBL	FLANSCH
V310	SPACER RING	DISTANZIALE	DISTANCIADOR	ENTRETOISE	DISTANZRING
V320	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V330	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG

HDO 100 ... HDO 140

										
	V030		V050		V070	V080	V090	V160	V010	RATIO
HDO 100	M8X30	-	M14X50	-	-	177.4X3.53	1/4"GAS	185X242X8	16X10X100 A	I= 14.0-15.6-17.3
									14X9X100 A	I= 20.2-2.,5-25.0-28.3-31.5-36.0-40.0
HDO 110	M8X30	-	M14X50	-	185X242X8	177.4X3.53	1/4"GAS	-	16X10X100 A	I= 18.9-20.9
									14X9X100 A	I= 22.0-24.6-27.2-30.9-34.3-39.3-43.6-48.0-53.1-61.0-67.5-77.5
HDO 120	M8X30	-	M14X45	-	185X242X1.6	177.4X3.53	1/4"GAS	-	16X10X100 A	I= 17.3-19.5-21.8-24.6
									14X9X100 A	I= 28.3-32.0-34.8-41.2-44.9-49.5-53.9-63.9-69.6-78.6
HDO 125	-	M8X35	-	M14X40	185X242X1.6	177.4X3.53	1/4"GAS	-	16X10X100 A	I= 19.2-22.6-24.3-27.7-33.0-35.8
									14X9X100 A	I= 38.8-4.,0-50.1-55.4-60.1-72.1-77.6-8.9
HDO 130	M10X35	-	M20X55	-	235X310X1.6	228.2X3.53	1/4"GAS	-	20X12X125 A	-
HDO 140	M10X35	-	M20X55	-	235X310X1.6	228.2X3.53	1/4"GAS	-	20X12X125 A	-

HDO 100 ... HDO 140



	V180		V190				V220			V240			
	250-280-320-360-400	440	250	280	320-360-400	440	250-280	320-360-400	440	250-280	320-360	400	440
	HDO 100	M16X50	-	M16X45	M16X50	M16X55	-	M5X10	M5X20	-	M24X100	M24X100	M24X100
HDO 110	M16X50	-	M16X45	M16X50	M16X55	-	M5X10	M5X20	-	M24X100	M24X100	M24X100	-
HDO 120	M16X50	M24X60	M16X45	M16X50	M16X55	M20X55	M5X10	M5X20	M5X20	M30X170	M30X100	M30X100	M30X100
HDO 125	M16X50	M24X60	M16X45	M16X50	M16X55	M20X55	M5X10	M5X20	M5X20	M30X100	M30X100	M30X100	M30X100
HDO 130	M16X50	M24X60	M16X45	M16X50	M16X55	M20X55	M5X10	M5X20	M5X20	M36X200	M36X200	M36X110	M36X110
HDO 140	M16X50	M24X60	M16X45	M16X50	M16X55	M20X55	M5X10	M5X20	M5X20	M36X200	M36X200	M36X110	M36X110



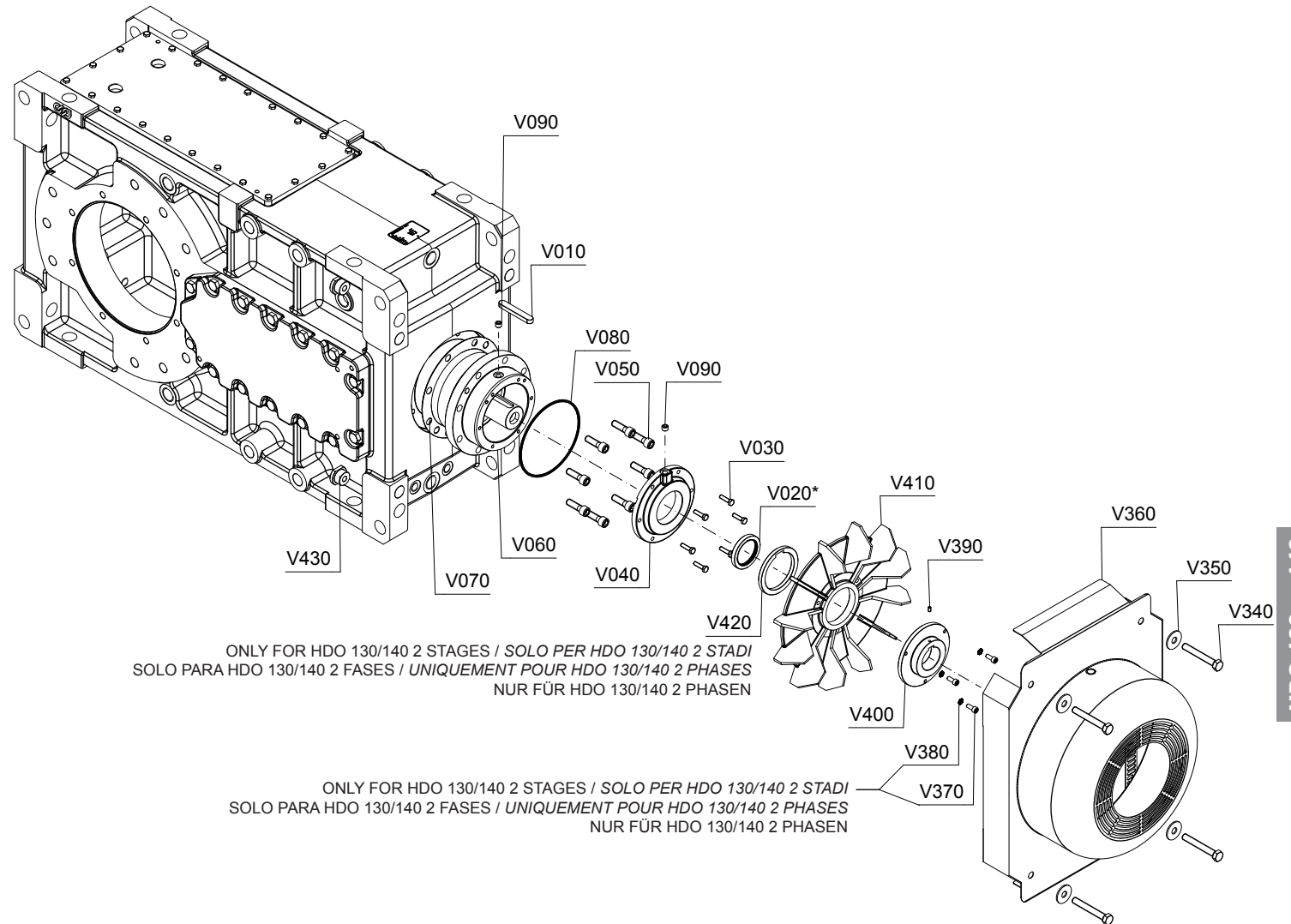
	V290		V320
	320-360-400	440	440
	HDO 100	5/8-11X1-1/2" UNC	-
HDO 110	5/8-11X1-1/2" UNC	-	-
HDO 120	5/8-11X1-1/2" UNC	5/8-11X1-1/2" UNC	-
HDO 125	5/8-11X1-1/2" UNC	5/8-11X1-1/2" UNC	-
HDO 130	5/8-11X1-1/2" UNC	5/8-11X1-1/2" UNC	M6X25
HDO 140	5/8-11X1-1/2" UNC	5/8-11X1-1/2" UNC	M6X25

NOTE: V010* Refer page no: 420/421 / NOTA: V010* Vedere pagina n°: 420/421 / NOTAS: V010* Consultar página n.º: 420/421 / NOTE : V010* Se référer à la page n° : 420/421 / HINWEIS: V010* Siehe Seite: 420/421

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HDO 100 ... HDO 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-R-D LD-RD-DD
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Option / Opzione / Opción Option / Option	FAN





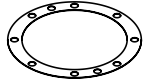


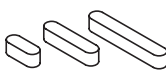
HDO 100 ... 140

HDO 100 ... HDO 140

Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V020*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V040	OPEN CAP	CAPPEL APERTO	SOMBRETERE ABIERTO	CAPUCHON OUVERT	OFFENE DECKEL
V050	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V060	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V070	SHIMS	SPESSORE	ESPEJOR	CALE	BELAG
V080	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V090	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V340	VITE T.E.PARZ.FIL	VITE T.E.PARZ.FIL	TORNILLO T.E.	VIS T.H.PART.FIL.	T.E.-SCHRAUBE
V350	WASHER	RONDELLA PIANA	ARANDELA PLANA	RONDELLE PLATE	FLACHSCHEIBE
V360	FAN COVER	COPRIVENT	TAPA VENTIL.	CACHE VENTILAT	LÜFTERHAUBE
V370	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V380	KNURLED WASHER	ROSETTA ZIGRINATA	ARANDELA PLANA GRANEADA	RONDELLE MOLETEE	GERANDELTE SCHEIBE
V390	STEI.-CN SCREW	VITE S.T.E.I.-CN	TORNILLO STEI-CN	VIS S.T.H.C	STEI-CN-SCHRAUBE
V400	FAN BUSHING	BOCC PER VENT	CASQUIL PARA VENTIL	MANCHON P/VENTILAT	LAUFRADBUCHESE
V410	FAN	VENTOLA	VENTILADOR	VENTILATEUR	LÜFTERRAD
V420	SPACER RING	DISTANZIALE	DISTANCIADOR	ENTRETOISE	DISTANZRING
V430	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG

NOTE: V020* Refer page no: 417/418 / NOTA: V020* Vedere pagina n°: 417/418 / NOTAS: V020* Consultar página n.º: 417/418 / NOTE : V020* Se référer à la page n° : 417/418 / HINWEIS: V020* Siehe Seite: 417/418

HDO 100 ... HDO 140

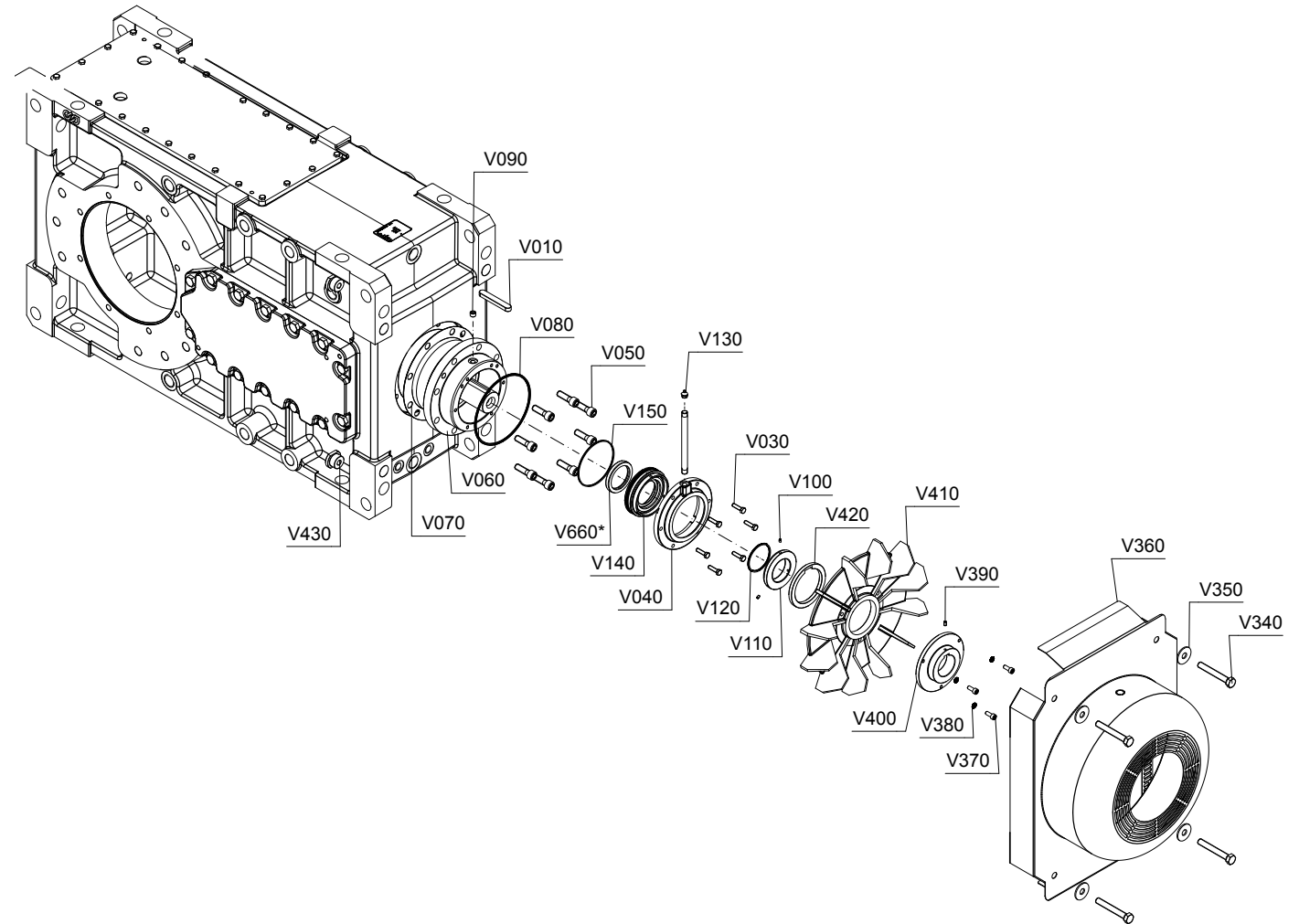
	Stages Stadi Etapas Étages Stufen							RATIO
		V030	V050	V070	V080	V090	V010	
HDO 100	2	M8X30	M14X45	211X269X1.6	202.79X3.53	1/4" GAS	20X12X125 A	-
	3	M8X30	M14X45	185X242X1.6	177.4X3.53	1/4" GAS	16X10X100 A	I= 14.0-15.6-17.3
							14X9X100 A	I= 20.2-2.,5-25.0-28.3-31.5-36.0-40.0
4	M8X30	M14X45	185X242X1.6	177.4X3.53	1/4" GAS	10X8X70 A	-	
HDO 110	2	M8X30	M14X45	211X269X1.6	202.79X3.53	1/4" GAS	20X12X125 A	-
	3	M8X30	M14X45	185X242X1.6	177.4X3.53	1/4" GAS	16X10X100 A	I= 18.9-20.9
							14X9X100 A	I= 22.0-24.6-27.2-30.9-34.3-39.3-43.6-48.0-53.1-61.0-67.5-77.5
4	M8X30	M14X45	185X242X1.6	177.4X3.53	1/4" GAS	10X8X70 A	-	
HDO 120	2	M10X35	M20X60	235X310X1.6	228.2X3.53	1/4" GAS	20X12X125 A	-
	3	M8X30	M14X45	185X242X1.6	177.4X3.53	1/4" GAS	16X10X100 A	I= 17.3-19.5-21.8-24.6
							14X9X100 A	I= 28.3-32.0-34.8-41.2-44.9-49.5-53.9-63.9-69.6-78.6
4	M8X30	M14X45	185X242X1.6	177.4X3.53	1/4" GAS	10X8X70 A	-	
HDO 125	2	M10X35	M20X60	235X310X1.6	228.2X3.53	1/4" GAS	20X12X125 A	-
	3	M8X30	M14X45	185X242X1.6	177.4X3.53	1/4" GAS	16X10X100 A	I= 19.2-22.6-24.3-27.7-33.0-35.8
							14X9X100 A	I= 38.8-4.,0-50.1-55.4-60.1-72.1-77.6-8.9
4	M8X30	M14X45	185X242X1.6	177.4X3.53	1/4" GAS	10X8X70 A	-	
HDO 130	2	M10X35	M20X55	286X374X1.6	278.99X3.53	1/4" GAS	25X14X160 A	-
	3	M10X35	M20X55	235X310X1.6	228.2X3.53	1/4" GAS	20X12X125 A	-
	4	M8X30	M20X55	235X310X1.6	228.2X3.53	1/4" GAS	14X9X100 A	-
HDO 140	2	M10X35	M20X55	286X374X1.6	278.99X3.53	1/4" GAS	25X14X160 A	-
	3	M10X35	M20X55	235X310X1.6	228.2X3.53	1/4" GAS	20X12X125 A	-
	4	M8X30	M20X55	235X310X1.6	228.2X3.53	1/4" GAS	14X9X100 A	-

HDO 100 ... HDO 140

	Stages Stadi Etapas Étages Stufen					
		V340	V350	V370	V380	V390
HDO 100	2,3	M14X80	15.5X44X3	M8X20	8.4	M6X10
	4					M6X20
HDO 110	2,3	M14X80	15.5X44X3	M8X20	8.4	M6X10
	4					M6X20
HDO 120	2,3	M14X100	15.5X44X3	M8X20	8.4	M6X10
	4					M6X20
HDO 125	2,3	M14X100	15.5X44X3	M8X20	8.4	M6X10
	4					M6X20
HDO 130	2	M14X110	15.5X44X3	-	-	M6X10
	3,4			M8X20	8.4	
HDO 140	2	M14X110	15.5X44X3	-	-	M6X10
	3,4			M8X20	8.4	

HDO 100 ... HDO 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	2 & 3 & 4
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-R-D LD-RD-DD
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Option / Opzione / Opción Option / Option	FAN with TK VENTILATORE con TK VENTILADOR con TK VENTILATEUR avec TK LÜFTER mit TK



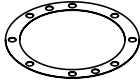



HDO 100 ... HDO 140






Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V030	E.S.H.SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V030	HEXAGONAL H.SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V040	OPEN CAP	CAPPEL APERTO	SOMBRETE ABIERTO	CAPUCHON OUVERT	OFFENE DECKEL
V050	E.S.H.SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V050	HEXAGONAL H.SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V060	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V070	SHIMS	SPESSORE	ESPEJOR	CALE	BELAG
V080	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V090	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V100	STEI.-CN SCREW	VITE S.T.E.I.-CN	TORNILLO STEI-CN	VIS S.T.H.C	STEI-CN-SCHRAUBE
V110	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V120	LAMELLAR OILSEAL	ANELLO TENUTA LAM	RETEN LAMINAR	JOINT ET.LAMELL	LAM.DICHTRING
V130	GREASE NIPPLE	INGRASSATORE DIRITTO	ENGRASADOR RECTO	GRAISSEUR DROIT	GERADE FETTBUSCHE
V140	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V150	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V340	VITE T.E.PARZ.FIL	VITE T.E.PARZ.FIL	TORNILLO T.E.	VIS T.H.PART.FIL.	T.E.-SCHRAUBE
V350	WASHER	RONDELLA PIANA	ARANDELA PLANA	RONDELLE PLATE	FLACHSCHEIBE
V360	FAN COVER	COPRIVENT	TAPA VENTIL.	CACHE VENTILAT	LÜFTERHAUBE
V370	E.S.H.SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V380	KNURLED WASHER	ROSETTA ZIGRINATA	ARANDELA PLANA GRANEADA	RONDELLE MOLETEE	GERANDELTE SCHEIBE
V390	STEI.-CN SCREW	VITE S.T.E.I.-CN	TORNILLO STEI-CN	VIS S.T.H.C	STEI-CN-SCHRAUBE
V400	FAN BUSHING	BOCC PER VENT	CASQUIL PARA VENTIL	MANCHON P/VENTILAT	LAUFRADBUCHESE
V410	FAN	VENTOLA	VENTILADOR	VENTILATEUR	LÜFTERRAD
V420	SPACER RING	DISTANZIALE	DISTANCIADOR	ENTRETOISE	DISTANZRING
V430	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V660*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH

NOTE: V660* Refer page no: 419 / NOTA: V660* Vedere pagina n°: 419 / NOTAS: V660* Consultar página n.º: 419 / NOTE : V660* Se référer à la page n° : 419 / HINWEIS: V660* Siehe Seite: 419

HDO 100 ... HDO 140

	Stages Stadi Etapas Étages Stufen				 OR	
		V030	V050	V070	V080	V150
HDO 100	2	M8X30	M14X45	211X269X1.6	202.79X3.53	145.72X2.62
	3	M8X30	M14X45	185X242X1.6	177.4X3.53	113.97X2.62
	4	M8X30	M14X45	185X242X1.6	177.4X3.53	113.97X2.62
HDO 110	2	M8X30	M14X45	211X269X1.6	202.79X3.53	145.72X2.62
	3	M8X30	M14X45	185X242X1.6	177.4X3.53	113.97X2.62
	4	M8X30	M14X45	185X242X1.6	177.4X3.53	113.97X2.62
HDO 120	2	M10X35	M20X60	235X310X1.6	228.2X3.53	152.07X2.62
	3	M8X30	M14X45	185X242X1.6	177.4X3.53	113.97X2.62
	4	M8X30	M14X45	185X242X1.6	177.4X3.53	113.97X2.62
HDO 125	2	M10X35	M20X60	235X310X1.6	228.2X3.53	152.07X2.62
	3	M8X30	M14X45	185X242X1.6	177.4X3.53	113.97X2.62
	4	M8X30	M14X45	235X310X1.6	177.4X3.53	113.97X2.62
HDO 130	2	M10X35	M20X55	286X374X1.6	278.99X3.53	177.47X2.62
	3	M10X35	M20X55	235X310X1.6	228.2X3.53	152.07X2.62
	4	M8X30	M20X55	235X310X1.6	228.2X3.53	113.97X2.62
HDO 140	2	M10X35	M20X55	286X374X1.6	278.99X3.53	177.47X2.62
	3	M10X35	M20X55	235X310X1.6	228.2X3.53	152.07X2.62
	4	M8X30	M20X55	235X310X1.6	228.2X3.53	113.97X2.62

HDO 100 ... HDO 140

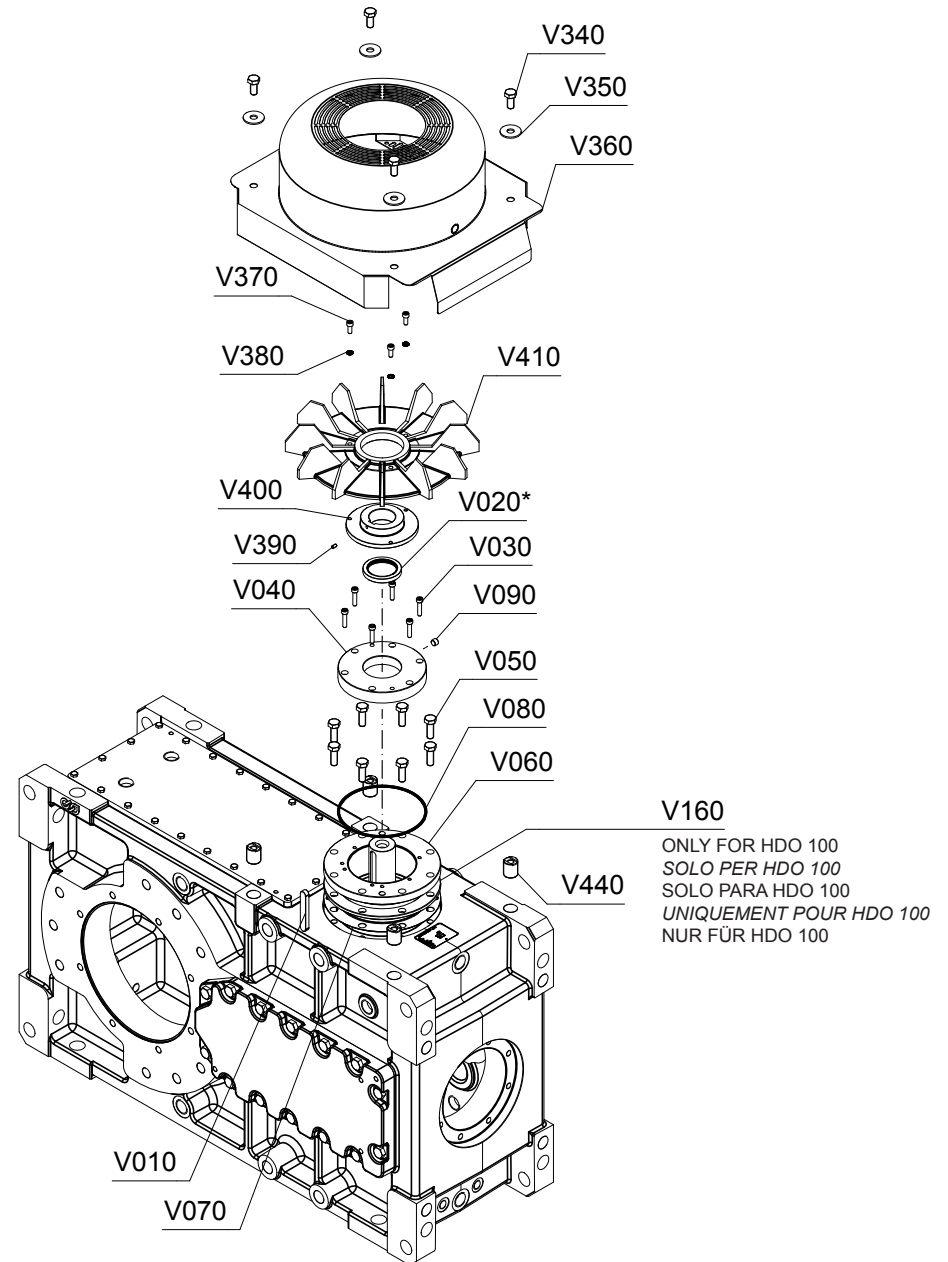
	Stages Stadi Etapas Étages Stufen						RATIO
		V100	V120	V130	V090	V010	
HDO 100	2	M4X8	90/3.8/0.82	1/4"GAS	1/4"GAS	20X12X125 A	-
	3	M5X8	74/3.1/0.82	1/4"GAS	1/4"GAS	16X10X100 A	I=14.0-15.6-17.3
						14X9X100 A	I= 20.2-2.,5-25.0-28.3-31.5-36.0-40.0
4	M4X8	51/2.4/0.72	1/4"GAS	1/4"GAS	10X8X70 A	-	
HDO 110	2	M4X8	90/3.8/0.82	1/4"GAS	1/4"GAS	20X12X125 A	-
	3	M5X8	74/3.1/0.82	1/4"GAS	1/4"GAS	16X10X100 A	I= 18.9-20.9
						14X9X100 A	I= 22.0-24.6-27.2-30.9-34.3-39.3-43.6-48.0-53.1-61.0-67.5-77.5
4	M4X8	51/2.4/0.72	1/4"GAS	1/4"GAS	10X8X70 A	-	
HDO 120	2	M5X8	95/3.8/0.82	1/4"GAS	1/4"GAS	20X12X125 A	-
	3	M5X8	74/3.1/0.82	1/4"GAS	1/4"GAS	16X10X100 A	I= 17.3-19.5-21.8-24.6
						14X9X100 A	I= 28.3-32.0-34.8-41.2-44.9-49.5-53.9-63.9-69.6-78.6
4	M4X8	51/2.4/0.72	1/4"GAS	1/4"GAS	10X8X70 A	-	
HDO 125	2	M5X8	95/3.8/0.82	1/4"GAS	1/4"GAS	20X12X125 A	-
	3	M5X8	74/3.1/0.82	1/4"GAS	1/4"GAS	16X10X100 A	I= 19.2-22.6-24.3-27.7-33.0-35.8
						14X9X100 A	I= 38.8-4.,0-50.1-55.4-60.1-72.1-77.6-8.9
4	M4X8	51/2.4/0.72	1/4"GAS	1/4"GAS	10X8X70 A	-	
HDO 130	2	M5X8	120/5/0.98	1/4"GAS	1/4"GAS	25X14X160 A	-
	3	M5X8	95/3.8/0.82	1/4"GAS	1/4"GAS	20X12X125 A	-
	4	M5X8	74/3.1/0.82	1/4"GAS	1/4"GAS	14X9X100 A	-
HDO 140	2	M5X8	120/5/0.98	1/4"GAS	1/4"GAS	25X14X160 A	-
	3	M5X8	95/3.8/0.82	1/4"GAS	1/4"GAS	20X12X125 A	-
	4	M5X8	74/3.1/0.82	1/4"GAS	1/4"GAS	14X9X100 A	-

HDO 100 ... HDO 140

	Stages Stadi Etapas Étages Stufen					
		V340	V350	V370	V380	V390
HDO 100	2,3	M14X80	15.5X44X3	M8X20	8.4	M6X10
	4					M6X20
HDO 110	2,3	M14X80	15.5X44X3	M8X20	8.4	M6X10
	4					M6X20
HDO 120	2,3	M14X100	15.5X44X3	M8X20	8.4	M6X10
	4					M6X20
HDO 125	2,3	M14X100	15.5X44X3	M8X20	8.4	M6X10
	4					M6X20
HDO 130	2	M14X110	15.5X44X3	-	-	M6X10
	3,4			M8X20	8.4	
HDO 140	2	M14X110	15.5X44X3	-	-	M6X10
	3,4			M8X20	8.4	

HDO 100 ... HDO 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	3
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LJ-RJ-DJ LD-RD-DD
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Option / Opzione / Opción Option / Option	FAN







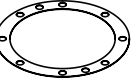


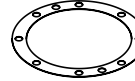

HDO 100 ... 140






HDO 100 ... HDO 140

Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V020*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH
V030	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V040	OPEN CAP	CAPPEL APERTO	SOMBRETERE ABIERTO	CAPUCHON OUVERT	OFFENE DECKEL
V050	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V050	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V060	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V070	SHIMS	SPESSORE	ESPEJOR	CALE	BELAG
V080	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V090	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V160	SPACER RING	DISTANZIALE	DISTANCIADOR	ENTRETOISE	DISTANZRING
V340	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V350	WASHER	RONDELLA PIANA	ARANDELA PLANA	RONDELLE PLATE	FLACHSCHEIBE
V360	FAN COVER	COPRIVENT	TAPA VENTIL.	CACHE VENTILAT	LÜFTERHAUBE
V370	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V380	KNURLED WASHER	ROSETTA ZIGRINATA	ARANDELA PLANA GRANEADA	RONDELLE MOLETEE	GERANDELTE SCHEIBE
V390	STEI.-CN SCREW	VITE S.T.E.I.-CN	TORNILLO STEI-CN	VIS S.T.H.C	STEI-CN-SCHRAUBE
V400	FAN BUSHING	BOCC PER VENT	CASQUIL PARA VENTIL	MANCHON P/VENTILAT	LAUFRADBUCHESE
V410	FAN	VENTOLA	VENTILADOR	VENTILATEUR	LÜFTERRAD
V440	DRWG.SCREW	VITE DISEGNO	TORNILLO DISEÑO	VIS SELON PLAN	ZEICHN.SCHRAUBE

NOTE: V020* Refer page no: 417/418 / NOTA: V020* Vedere pagina n°: 417/418 / NOTAS: V020* Consultar página n.º: 417/418 / NOTE : V020* Se référer à la page n° : 417/418 / HINWEIS: V020* Siehe Seite: 417/418

HDO 100 ... HDO 140

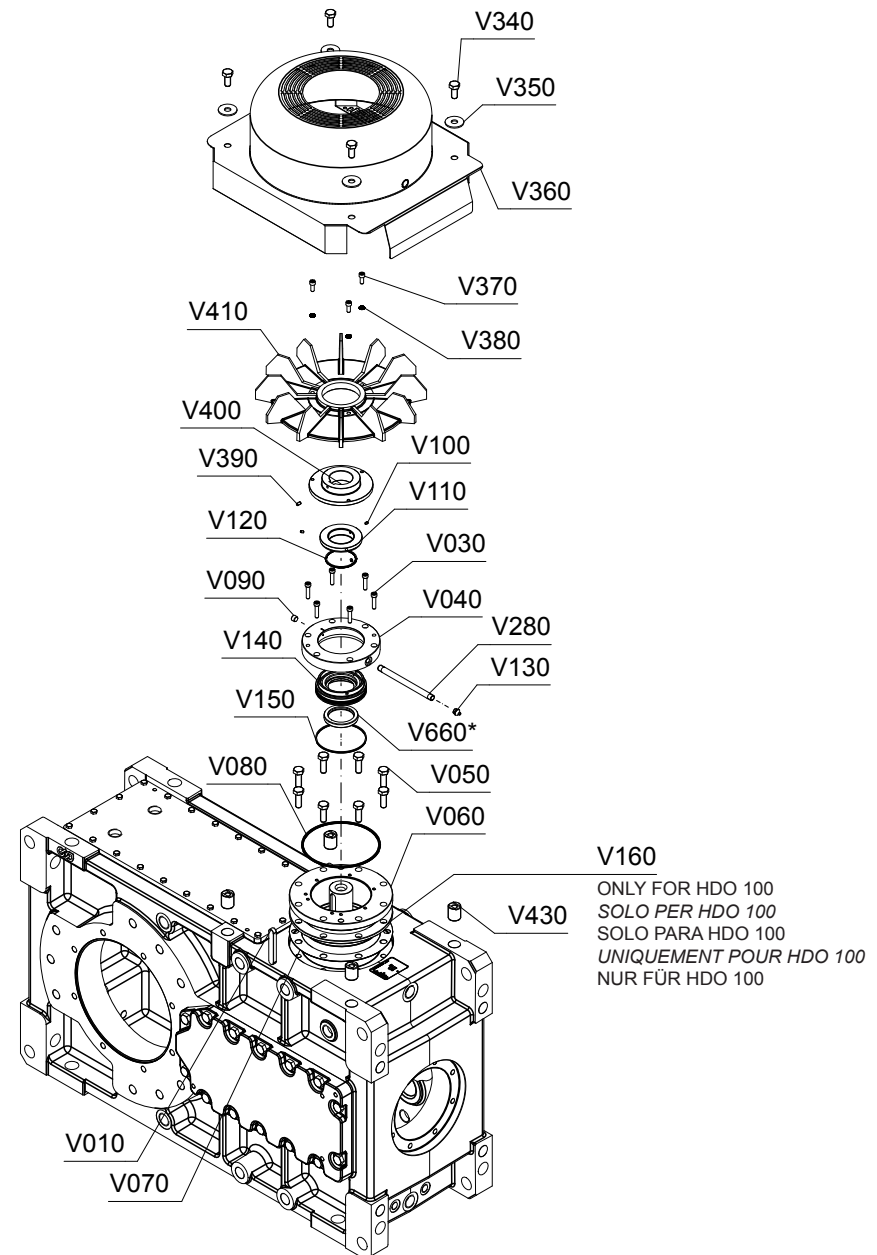
										
	V030		V050		V070	V080	V090	V160	V010	RATIO
HDO 100	M8X30	-	M14X50	-	-	177.4X3.53	1/4" GAS	185X242X8	16X10X100 A 14X9X100 A	I= 14.0-15.6-17.3 I= 20.2-2.,5-25.0-28.3-31.5-36.0-40.0
HDO 110	M8X30	-	M14X50	-	185X242X8	177.4X3.53	1/4" GAS	-	16X10X100 A 14X9X100 A	I= 18.9-20.9 I= 22.0-24.6-27.2-30.9-34.3-39.3-43.6-48.0-53.1-61.0-67.5-77.5
HDO 120	M8X30	-	M14X45	-	185X242X1.6	177.4X3.53	1/4" GAS	-	16X10X100 A 14X9X100 A	I= 17.3-19.5-21.8-24.6 I= 28.3-32.0-34.8-41.2-44.9-49.5-53.9-63.9-69.6-78.6
HDO 125	-	M8X35	-	M14X40	185X242X1.6	177.4X3.53	1/4" GAS	-	16X10X100 A 14X9X100 A	I= 19.2-22.6-24.3-27.7-33.0-35.8 I= 38.8-4.,0-50.1-55.4-60.1-72.1-77.6-8.9
HDO 130	M10X35	-	M20X55	-	235X310X1.6	228.2X3.53	1/4" GAS	-	20X12X125 A	-
HDO 140	M10X35	-	M20X55	-	235X310X1.6	228.2X3.53	1/4" GAS	-	20X12X125 A	-

					
	V340	V350	V370	V380	V390
HDO 100	M14X30	15.5X44X3	M8X20	8.4	M6X10
HDO 110	M14X30	15.5X44X3	M8X20	8.4	M6X10
HDO 120	M14X30	15.5X44X3	M8X20	8.4	M6X10
HDO 125	M14X30	15.5X44X3	M8X20	8.4	M6X10
HDO 130	M14X30	15.5X44X3	M8X20	8.4	M6X10
HDO 140	M14X30	15.5X44X3	M8X20	8.4	M6X10

HDO 100 ... 140

HDO 100 ... HDO 140

Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	V
Stages / Stadi / Etapas Étages / Stufen	3
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	LJ-RJ-DJ LD-RD-DD
Execution / Esecuzione Ejecución / Exécution Ausführung	1 & 2
Option / Opzione / Opción Option / Option	FAN with TK VENTILATORE con TK VENTILADOR con TK VENTILATEUR avec TK LÜFTER mit TK







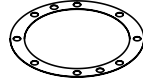
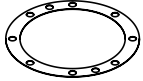
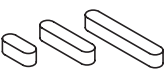
HDO 100 ... 140






HDO 100 ... HDO 140

Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V030	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V030	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V040	OPEN CAP	CAPPEL APERTO	SOMBRETE ABIERTO	CAPUCHON OUVERT	OFFENE DECKEL
V050	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V050	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V060	SUPPORT	SUPPORTO	SOPORTE	SUPPORT	LAGERUNG
V070	SHIMS	SPESSORE	ESPEJOR	CALE	BELAG
V080	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V090	CONICAL PLUG	TAPPO CONICO	TAPON CONICO	BOUCHON CONIQUE	KEGELSTOPFEN
V100	STEI.-CN SCREW	VITE S.T.E.I.-CN	TORNILLO STEI-CN	VIS S.T.H.C	STEI-CN-SCHRAUBE
V110	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V120	LAMELLAR OILSEAL	ANELLO TENUTA LAM	RETEN LAMINAR	JOINT ET.LAMELL	LAM.DICHTRING
V130	GREASE NIPPLE	INGRASSATORE DIRITTO	ENGRASADOR RECTO	GRAISSEUR DROIT	GERADE FETTBUSCHE
V140	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V150	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V160	SPACER RING	DISTANZIALE	DISTANCIADOR	ENTRETOISE	DISTANZRING
V340	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V350	WASHER	RONDELLA PIANA	ARANDELA PLANA	RONDELLE PLATE	FLACHSCHEIBE
V360	FAN COVER	COPRIVENT	TAPA VENTIL.	CACHE VENTILAT	LÜFTERHAUBE
V370	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V380	KNURLED WASHER	ROSETTA ZIGRINATA	ARANDELA PLANA GRANEADA	RONDELLE MOLETEE	GERANDELTE SCHEIBE
V390	STEI.-CN SCREW	VITE S.T.E.I.-CN	TORNILLO STEI-CN	VIS S.T.H.C	STEI-CN-SCHRAUBE
V400	FAN BUSHING	BOCC PER VENT	CASQUIL PARA VENTIL	MANCHON P/VENTILAT	LAUFRADBUCHESE
V410	FAN	VENTOLA	VENTILADOR	VENTILATEUR	LÜFTERRAD
V440	DRWG.SCREW	VITE DISEGNO	TORNILLO DISEÑO	VIS SELON PLAN	ZEICHN.SCHRAUBE
V660*	OILSEAL	ANELLO DI TENUTA	RETEN	JOINT ETANCH	WELLENDICH

NOTE: V660* Refer page no: 419 / NOTA: V660* Vedere pagina n°: 419 / NOTAS: V660* Consultar página n.º: 419 / NOTE : V660* Se référer à la page n° : 419 / HINWEIS: V660* Siehe Seite: 419






HDO 100 ... HDO 140

								
	V030		V050		V070	V160	V010	RATIO
HDO 100	M8X30	-	M14X50	-	-	185X242X8	16X10X100 A 14X9X100 A	I= 14.0-15.6-17.3 I= 20.2-2.,5-25.0-28.3-31.5-36.0-40.0
HDO 110	M8X30	-	M14X50	-	185X242X8	-	16X10X100 A 14X9X100 A	I= 18.9-20.9 I= 22.0-24.6-27.2-30.9-34.3-39.3-43.6-48.0-53.1-61.0-67.5-77.5
HDO 120	M8X30	-	M14X45	-	185X242X1.6	-	16X10X100 A 14X9X100 A	I= 17.3-19.5-21.8-24.6 I= 28.3-32.0-34.8-41.2-44.9-49.5-53.9-63.9-69.6-78.6
HDO 125	-	M8X35	-	M14X40	185X242X1.6	-	16X10X100 A 14X9X100 A	I= 19.2-22.6-24.3-27.7-33.0-35.8 I= 38.8-4.,0-50.1-55.4-60.1-72.1-77.6-8.9
HDO 130	M10X35	-	M20X55	-	235X310X1.6	-	20X12X125 A	-
HDO 140	M10X35	-	M20X55	-	235X310X1.6	-	20X12X125 A	-

						
	V090	V100	V120	V130	V080	V150
HDO 100	1/4" GAS	M5X8	74/3.1/0.82	1/4" GAS	177.4X3.53	113.97X2.62
HDO 110	1/4" GAS	M5X8	74/3.1/0.82	1/4" GAS	177.4X3.53	113.97X2.62
HDO 120	1/4" GAS	M5X8	74/3.1/0.82	1/4" GAS	177.4X3.53	113.97X2.62
HDO 125	1/4" GAS	M5X8	74/3.1/0.82	1/4" GAS	177.4X3.53	113.97X2.62
HDO 130	1/4" GAS	M5X8	95/3.8/0.82	1/4" GAS	228.2X3.53	152.07X2.62
HDO 140	1/4" GAS	M5X8	95/3.8/0.82	1/4" GAS	228.2X3.53	152.07X2.62

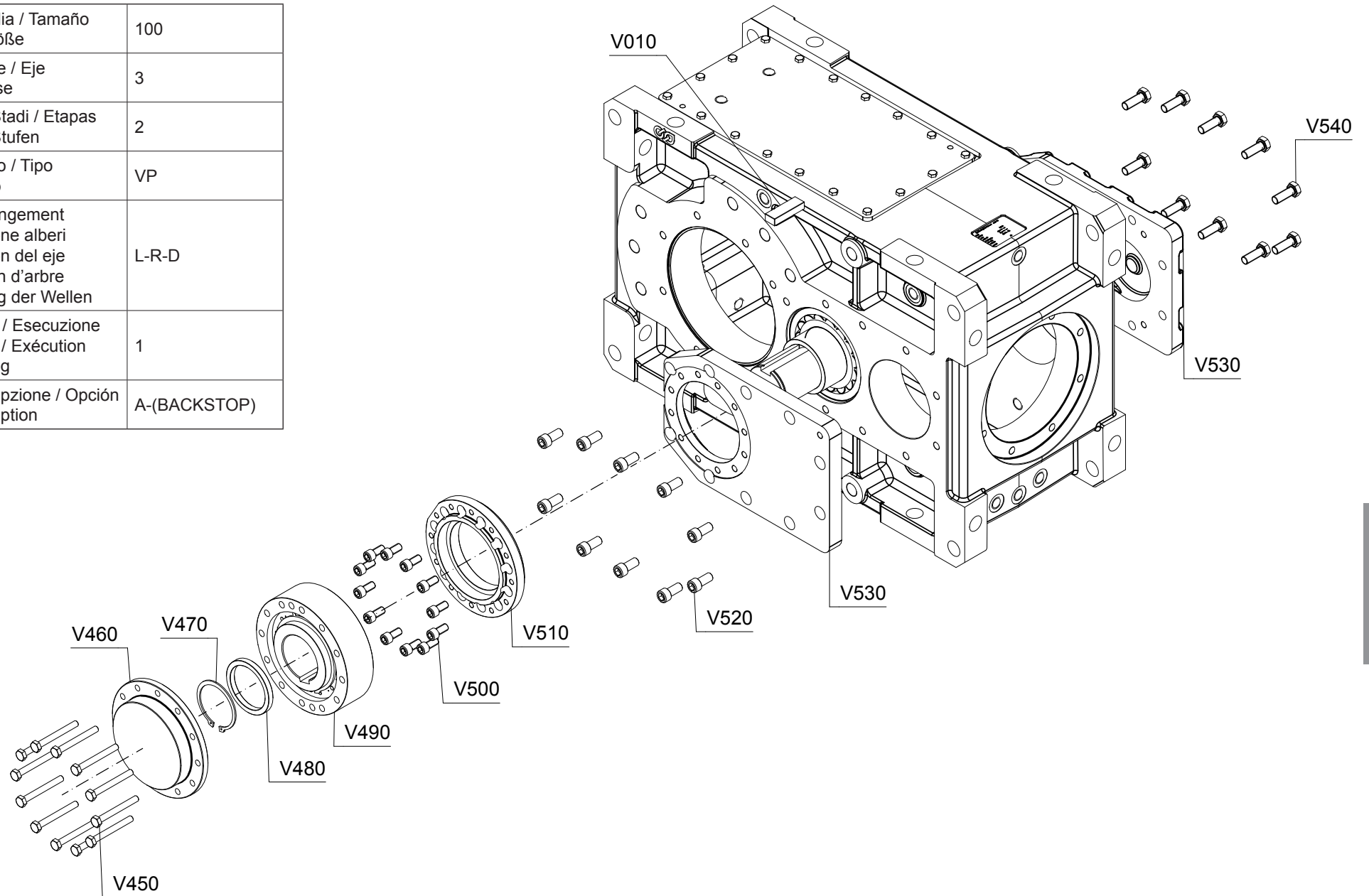
HDO 100 ... 140

HDO 100 ... HDO 140

					
	V340	V350	V370	V380	V390
HDO 100	M14X30	15.5X44X3	M8X20	8.4	M6X10
HDO 110	M14X30	15.5X44X3	M8X20	8.4	M6X10
HDO 120	M14X30	15.5X44X3	M8X20	8.4	M6X10
HDO 125	M14X30	15.5X44X3	M8X20	8.4	M6X10
HDO 130	M14X30	15.5X44X3	M8X20	8.4	M6X10
HDO 140	M14X30	15.5X44X3	M8X20	8.4	M6X10

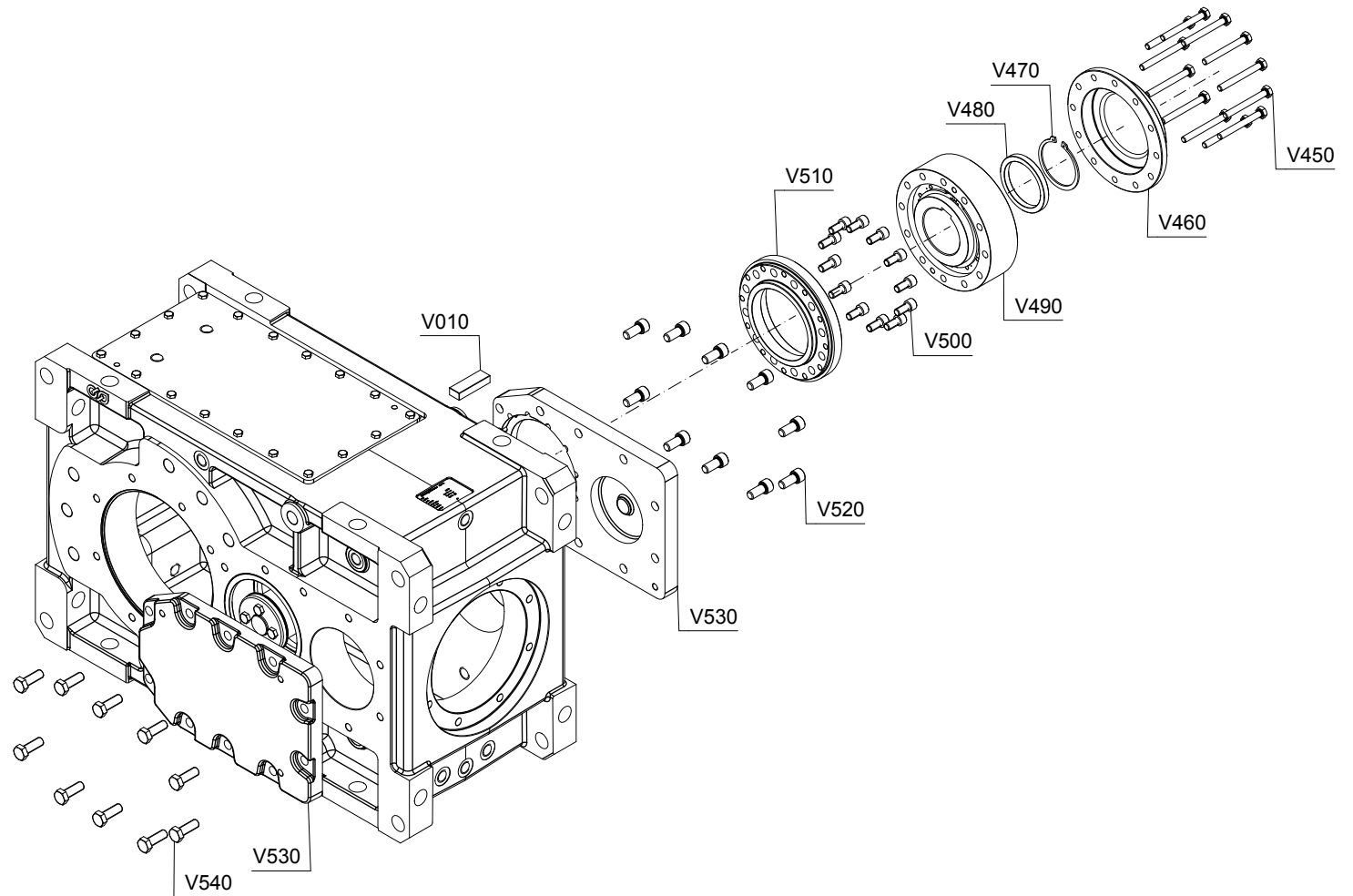
HDO 100 ... HDO 140

Size / Taglia / Tamaño Taille / Größe	100
Axis / Asse / Eje Axe / Achse	3
Stages / Stadi / Etapas Étages / Stufen	2
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-R-D
Execution / Esecuzione Ejecución / Exécution Ausführung	1
Option / Opzione / Opción Option / Option	A-(BACKSTOP)







HDO 100 ... HDO 140

Size / Taglia / Tamaño Taille / Größe	100
Axis / Asse / Eje Axe / Achse	3
Stages / Stadi / Etapas Étages / Stufen	2
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-R-D
Execution / Esecuzione Ejecución / Exécution Ausführung	2
Option / Opzione / Opción Option / Option	A-(BACKSTOP)



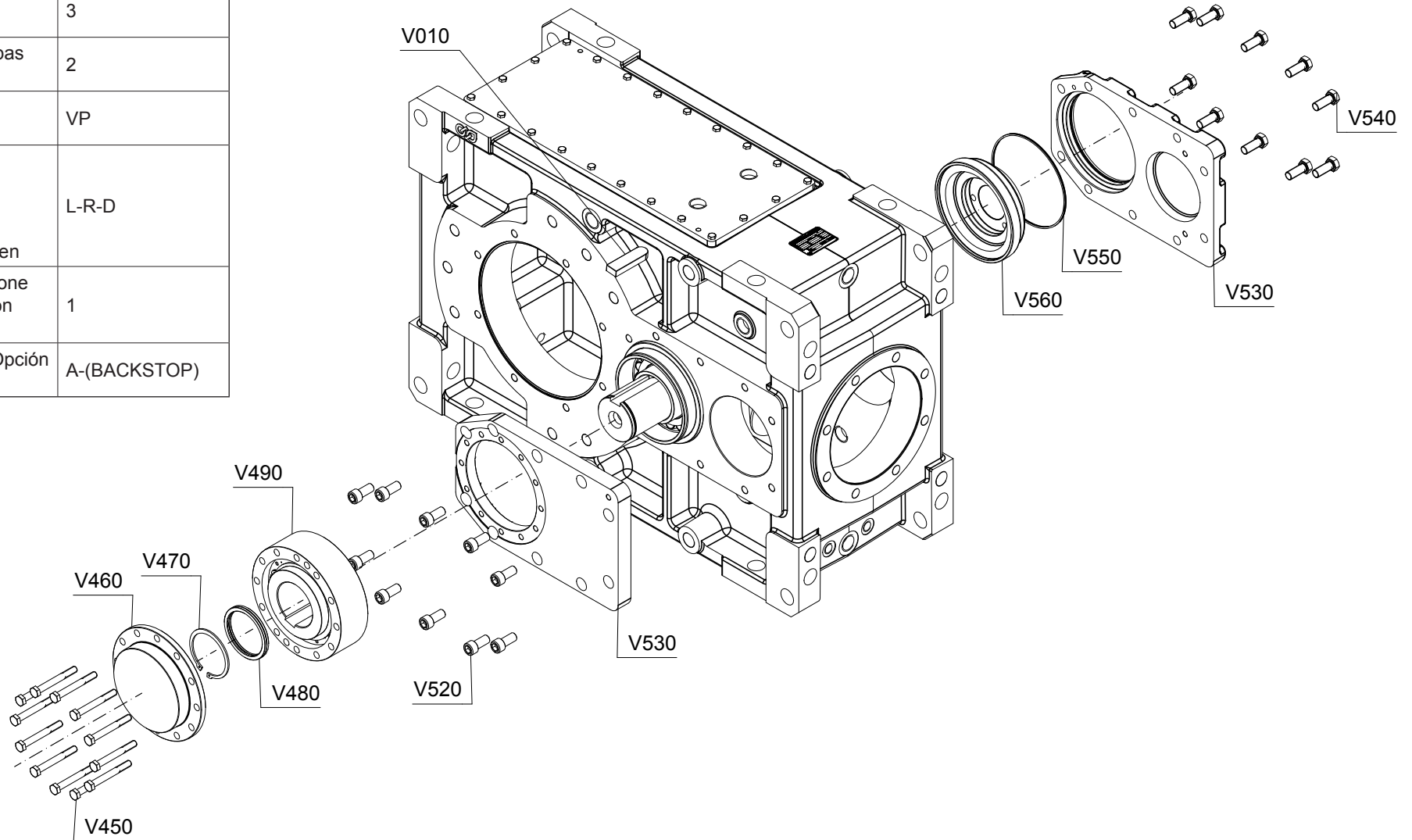
HDO 100 ... HDO 140

Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V450	T.E SCREW	VITE T.E.PARZ.FIL	TORNILLO T.E.	VIS T.H.PART.FIL.	T.E.-SCHRAUBE
V460	PLAIN CAP	CAPPEL CHIUSO	SOMBRETERE	CAPUCHON FERME	SCHLUSSDECKEL
V470	SHAFT CIRCLIP	AN.ELASTICO-ALBERO	AN.ELASTICO-EJE	BAGUE ELAST.-ARBRE	SEEGERRING WELLE
V480	SPACER RING	DISTANZIALE	DISTANCIADOR	ENTRETOISE	DISTANZRING
V490	FREE-WHEEL (BACKSTOP)	RUOTA LIBERA-ANTIRETRO	RUEDA LIBRE-ANTIRETOR	ANTIDEVIREUR	RÜCKLAUF-FREIS RAD
V500	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V510	ANTI RUN BACK CAP	CAPPEL ANTIRETRO	SOMBRETERE PARA ANTIRRET	CAPUCHON P/ ANTIDEVIREUR	RÜCKLAUFSSPERREDECKEL
V520	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V530	PLAIN COVER	COPERCHIO CHIU	TAPA DE CIERRE	COUV.FERMETURE	SCHLUSSDECKEL
V540	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE

						
	V010	V450	V540	V470	V500	V520
HDO 100	22X14X69 B	M10X90	M14X40	80X2.5	M12X25	M14X30

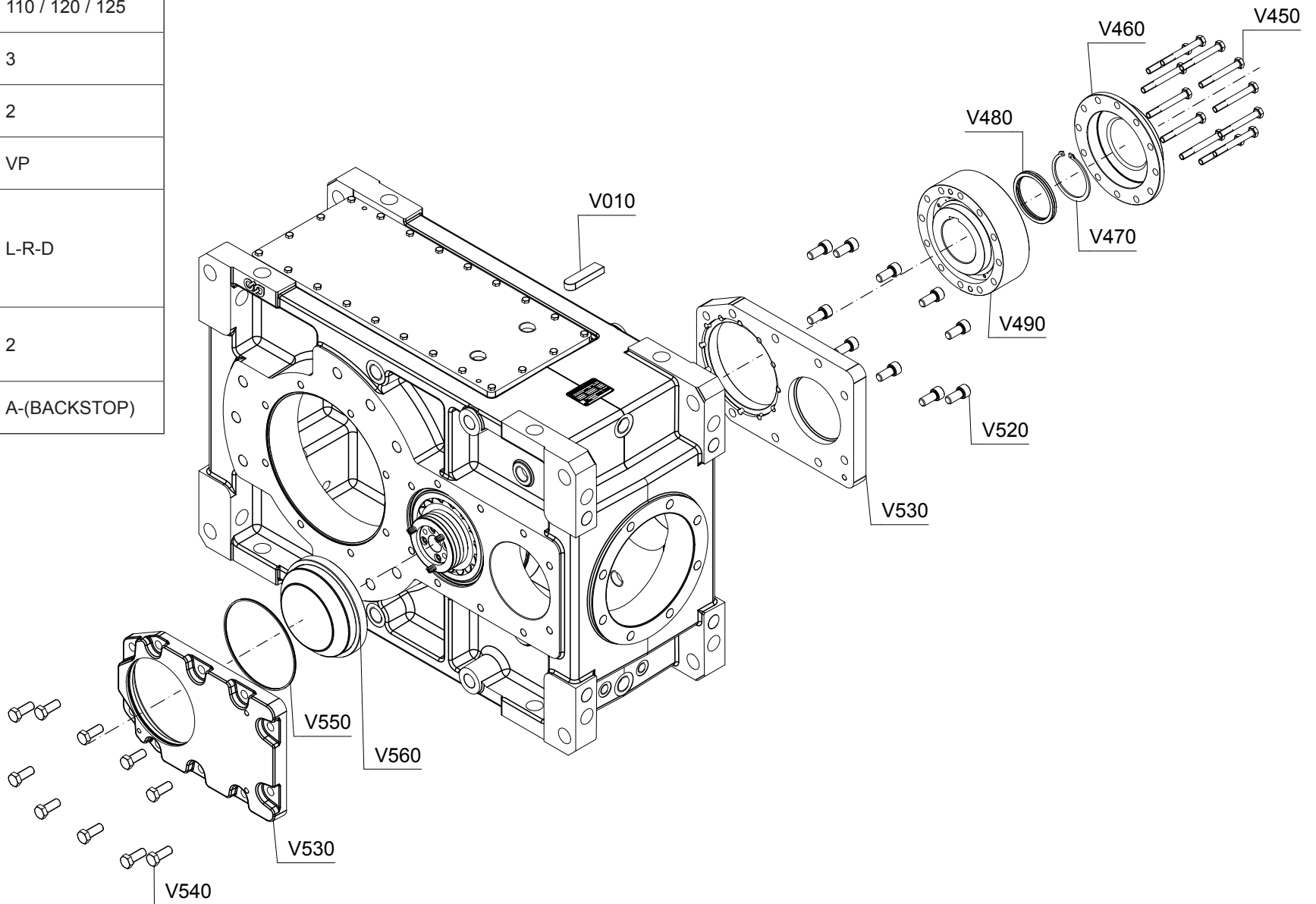
HDO 100 ... HDO 140

Size / Taglia / Tamaño Taille / Größe	110 / 120 / 125
Axis / Asse / Eje Axe / Achse	3
Stages / Stadi / Etapas Étages / Stufen	2
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-R-D
Execution / Esecuzione Ejecución / Exécution Ausführung	1
Option / Opzione / Opción Option / Option	A-(BACKSTOP)



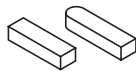




HDO 100 ... HDO 140

Size / Taglia / Tamaño Taille / Größe	110 / 120 / 125
Axis / Asse / Eje Axe / Achse	3
Stages / Stadi / Etapas Étages / Stufen	2
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-R-D
Execution / Esecuzione Ejecución / Exécution Ausführung	2
Option / Opzione / Opción Option / Option	A-(BACKSTOP)



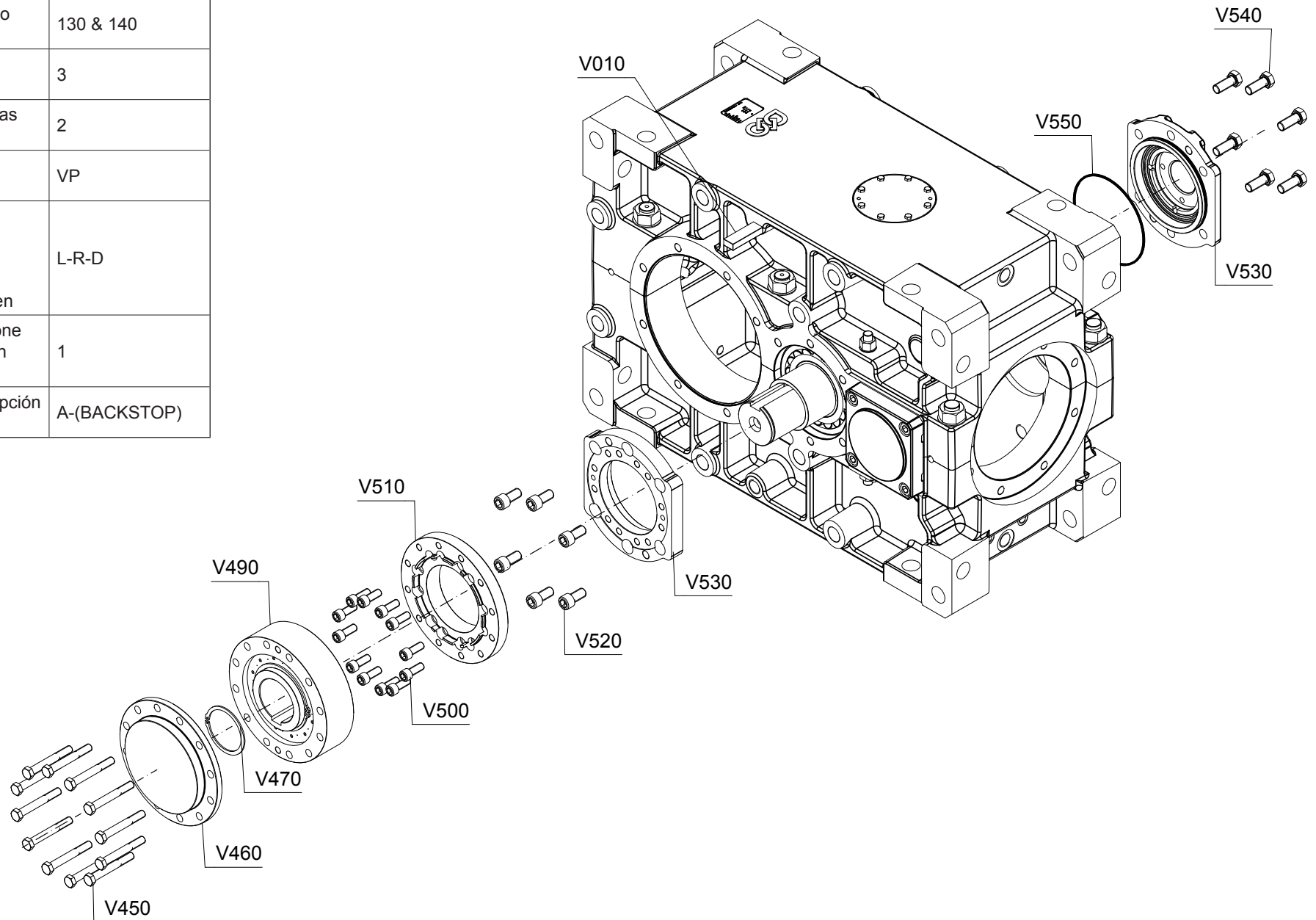
HDO 100 ... HDO 140

Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V450	T.E SCREW	VITE T.E.PARZ.FIL	TORNILLO T.E.	VIS T.H.PART.FIL.	T.E.-SCHRAUBE
V460	PLAIN CAP	CAPPEL CHIUSO	SOMBRETERE	CAPUCHON FERME	SCHLUSSDECKEL
V470	SHAFT CIRCLIP	AN.ELASTICO-ALBERO	AN.ELASTICO-EJE	BAGUE ELAST.-ARBRE	SEEGERRING WELLE
V490	FREE-WHEEL (BACKSTOP)	RUOTA LIBERA-ANTIRETRO	RUEDA LIBRE-ANTIRETOR	ANTIDEVIREUR	RÜCKLAUF-FREIS RAD
V520	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V530	PLAIN COVER	COPERCHIO CHIU	TAPA DE CIERRE	COUV.FERMETURE	SCHLUSSDECKEL
V540	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V550	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET
V560	PLAIN COVER	COPERCHIO CHIU	TAPA DE CIERRE	COUV.FERMETURE	SCHLUSSDECKEL

						 OR
	V010	V450	V470	V520	V540	V550
HDO 110	22X14X69 B	M10X90	80X2.5	M14X30	M14X40	158.3X3.53
HDO 120	25X14X90 C	M12X100	90X3	M16X35	M16X40	183.74X3.53
HDO 125	25X14X90 C	M12X100	90X3	M16X35	M16X40	183.74X3.53

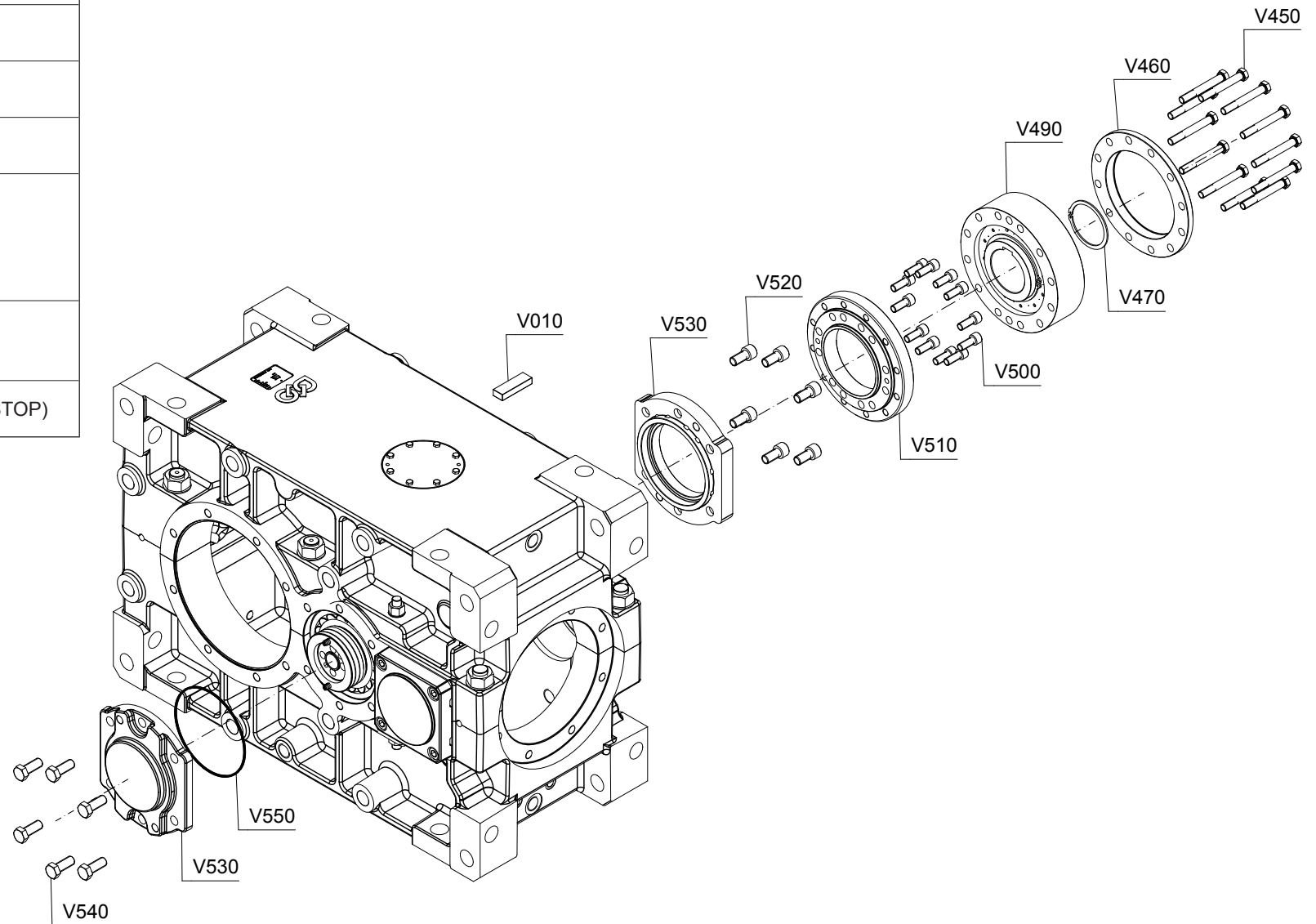
HDO 100 ... HDO 140

Size / Taglia / Tamaño Taille / Größe	130 & 140
Axis / Asse / Eje Axe / Achse	3
Stages / Stadi / Etapas Étages / Stufen	2
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-R-D
Execution / Esecuzione Ejecución / Exécution Ausführung	1
Option / Opzione / Opción Option / Option	A-(BACKSTOP)



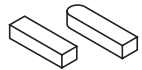




HDO 100 ... HDO 140

Size / Taglia / Tamaño Taille / Größe	130 & 140
Axis / Asse / Eje Axe / Achse	3
Stages / Stadi / Etapas Étages / Stufen	2
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-R-D
Execution / Esecuzione Ejecución / Exécution Ausführung	2
Option / Opzione / Opción Option / Option	A-(BACKSTOP)



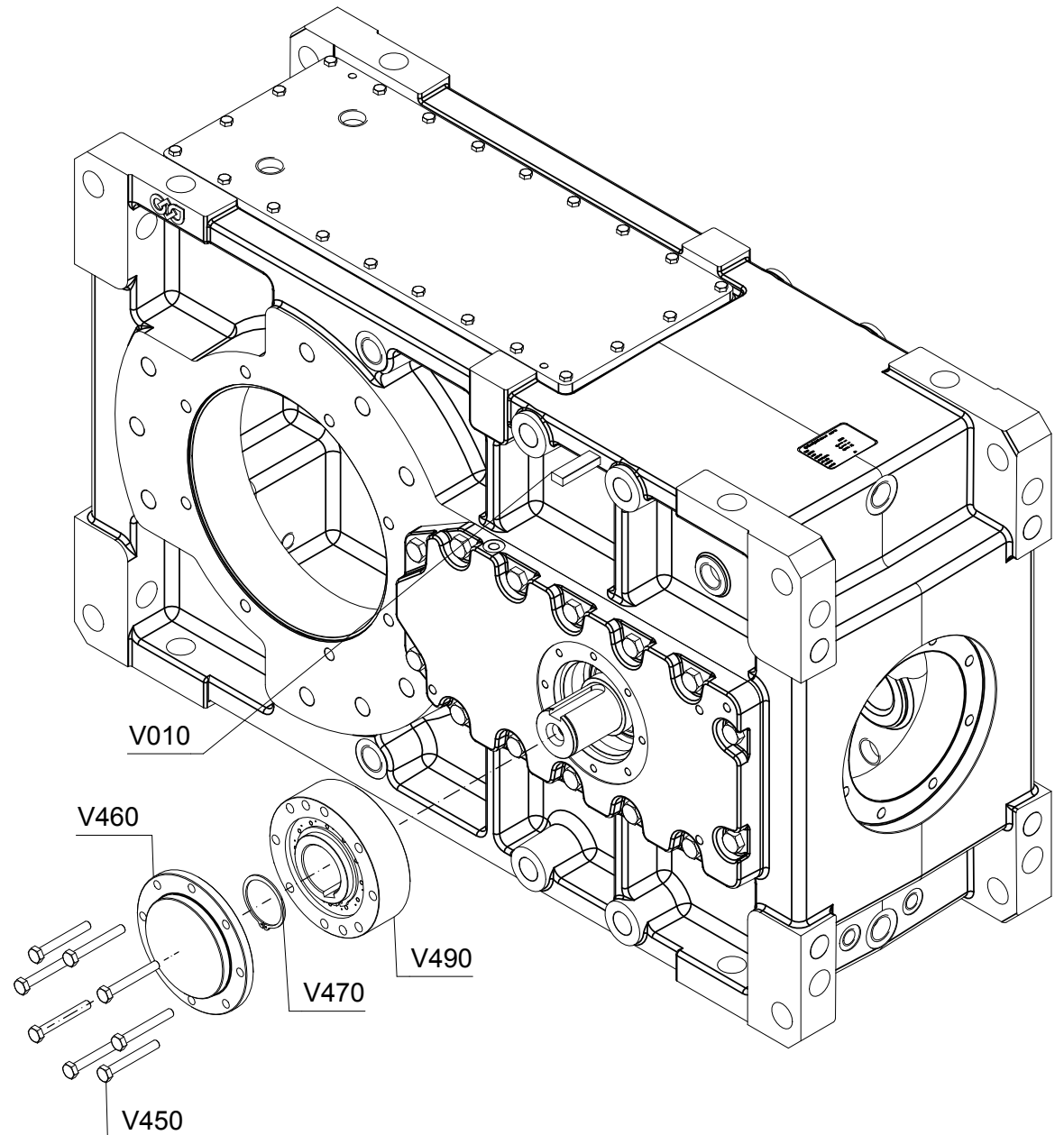
HDO 100 ... HDO 140

Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V450	T.E SCREW	VITE T.E.PARZ.FIL	TORNILLO T.E.	VIS T.H.PART.FIL.	T.E.-SCHRAUBE
V460	PLAIN CAP	CAPPEL CHIUSO	SOMBRETERE	CAPUCHON FERME	SCHLUSSDECKEL
V470	SHAFT CIRCLIP	AN.ELASTICO-ALBERO	AN.ELASTICO-EJE	BAGUE ELAST.-ARBRE	SEEGERRING WELLE
V490	FREE-WHEEL (BACKSTOP)	RUOTA LIBERA-ANTIRETRO	RUEDA LIBRE-ANTIRETOR	ANTIDEVIREUR	RÜCKLAUF-FREIS RAD
V500	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V510	ANTI RUN BACK CAP	CAPPEL ANTIRETRO	SOMBRETERE PARA ANTIRRET	CAPUCHON P/ ANTIDEVIREUR	RÜCKLAUFSSPERREDECKEL
V520	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V530	PLAIN COVER	COPERCHIO CHIU	TAPA DE CIERRE	COUV.FERMETURE	SCHLUSSDECKEL
V540	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE
V550	O-RING GASKET	GUARNIZIONE OR	JUNTA TORICA	JOINT O-RING	O-RING GASKET

						
	V010	V450	V470	V500	V520	V540
HDO 130	28X16X89 B	M16X120	100X3	M16X40	M20X40	202.79X3.53
HDO 140	28X16X100 C	M16X120	100X3	M16X40	M20X50	240.89X3.53

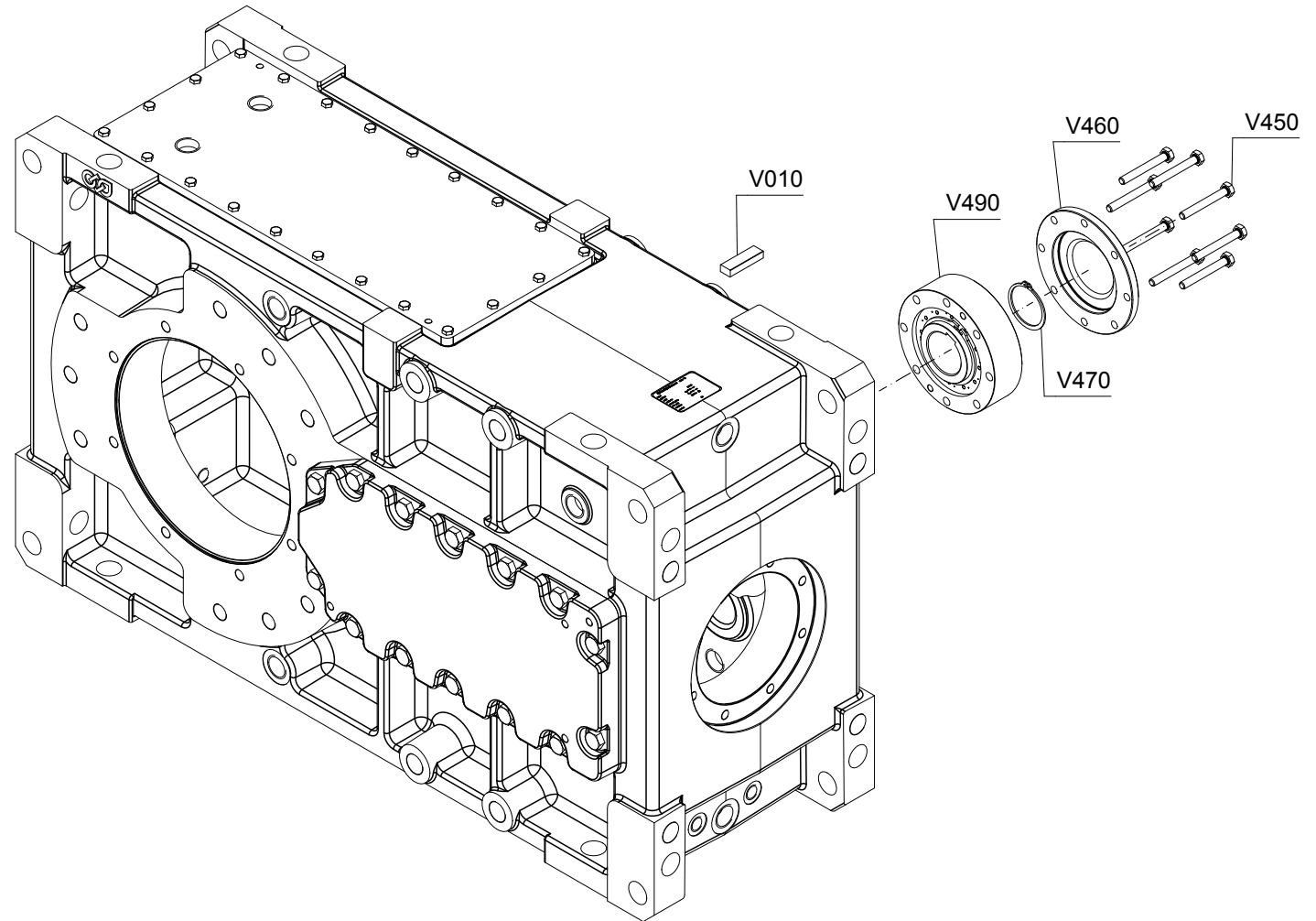
HDO 100 ... HDO 140

Size / Taglia / Tamaño Taille / Größe	100/110/120/125
Axis / Asse / Eje Axe / Achse	2 & 1
Stages / Stadi / Etapas Étages / Stufen	3 & 4
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-R-D
Execution / Esecuzione Ejecución / Exécution Ausführung	1
Option / Opzione / Opción Option / Option	A-(BACKSTOP)






HDO 100 ... HDO 140

Size / Taglia / Tamaño Taille / Größe	100/110/120/125
Axis / Asse / Eje Axe / Achse	2 & 1
Stages / Stadi / Etapas Étages / Stufen	3 & 4
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-R-D
Execution / Esecuzione Ejecución / Exécution Ausführung	2
Option / Opzione / Opción Option / Option	A-(BACKSTOP)



HDO 100 ... HDO 140

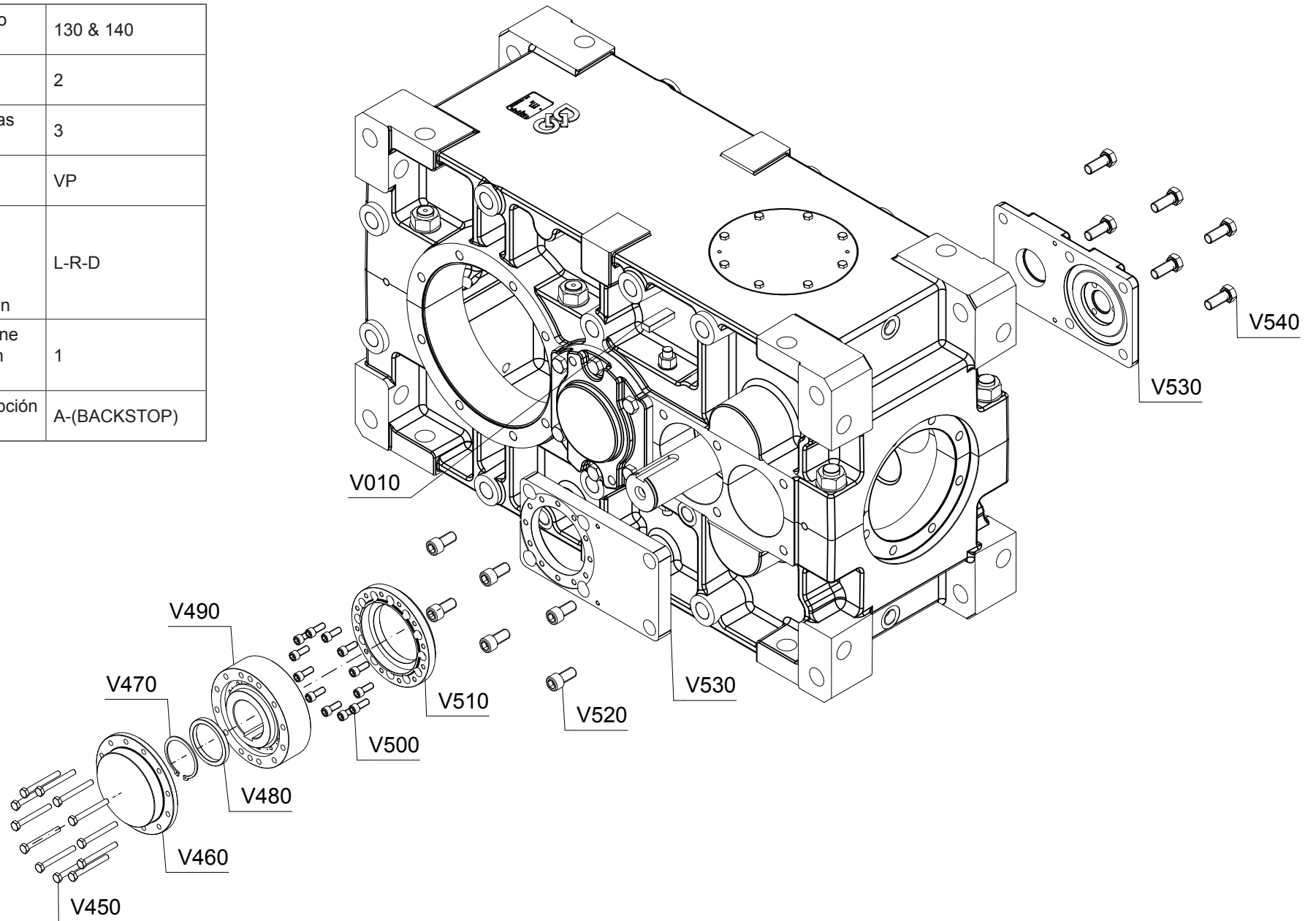
Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V450	T.E SCREW	VITE T.E.PARZ.FIL	TORNILLO T.E.	VIS T.H.PART.FIL.	T.E.-SCHRAUBE
V460	PLAIN CAP	CAPPEL CHIUSO	SOMBRETERE	CAPUCHON FERME	SCHLUSSDECKEL
V470	SHAFT CIRCLIP	AN.ELASTICO-ALBERO	AN.ELASTICO-EJE	BAGUE ELAST.-ARBRE	SEEGERRING WELLE
V490	FREE-WHEEL (BACKSTOP)	RUOTA LIBERA-ANTIRETRO	RUEDA LIBRE-ANTIRETOR	ANTIDEVIREUR	RÜCKLAUF-FREIS RAD

	Stages Stadi Etapas Étages Stufen			
		V010	V450	V470
HDO 130	3	18X11X60 B	M10X85	60X2
	4	12X8X32 B	M8X75	40X2
HDO 140	3	18X11X60 B	M10X85	60X2
	4	12X8X32 B	M8X75	40X2
HDO 130	3	18X11X60 B	M10X80	60X2
	4	12X8X32 B	M8X60	40X2
HDO 140	3	18X11X60 B	M10X80	60X2
	4	12X8X32 B	M8X60	40X2

HDO 100 ... 140

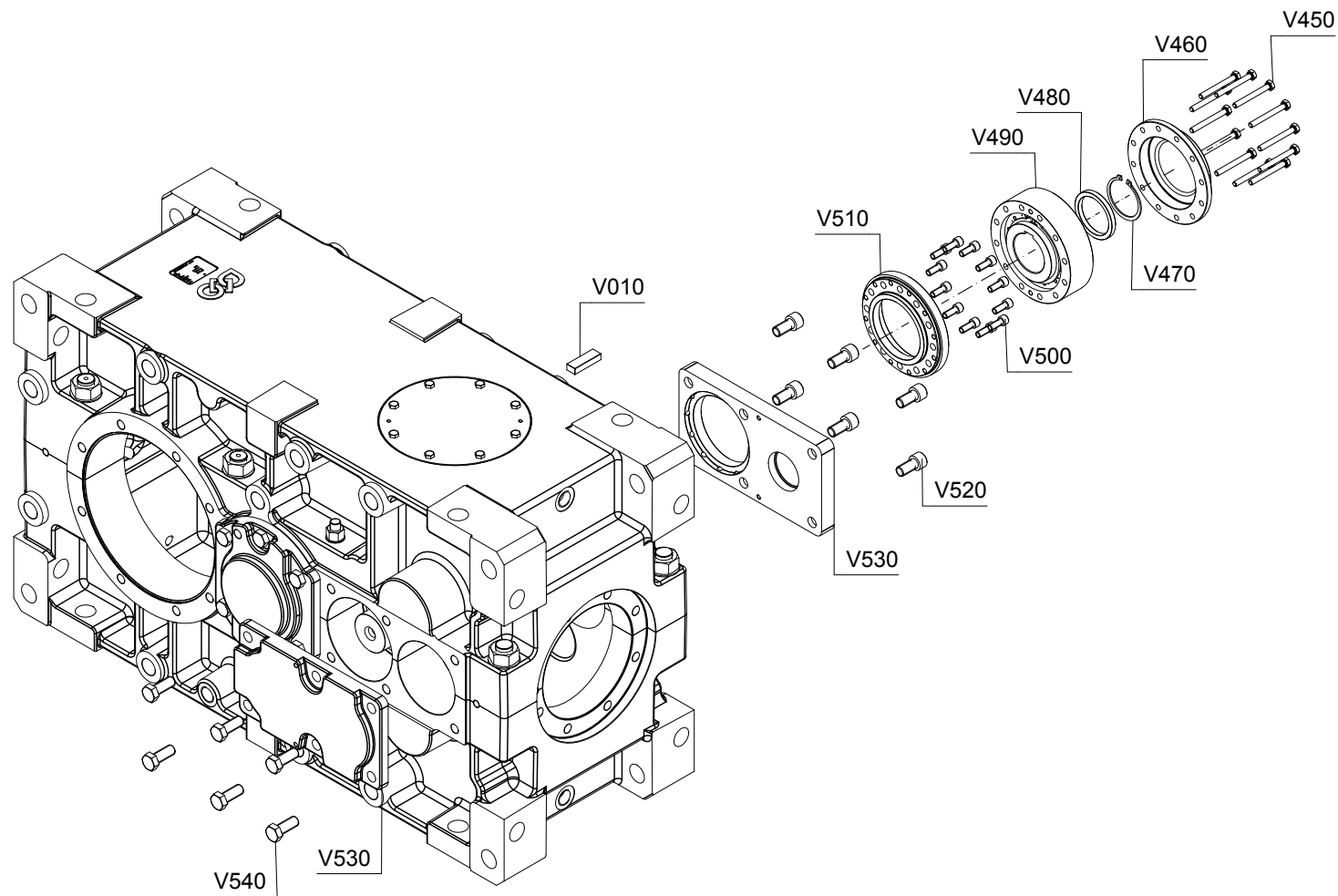
HDO 100 ... HDO 140

Size / Taglia / Tamaño Taille / Größe	130 & 140
Axis / Asse / Eje Axe / Achse	2
Stages / Stadi / Etapas Étages / Stufen	3
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-R-D
Execution / Esecuzione Ejecución / Exécution Ausführung	1
Option / Opzione / Opción Option / Option	A-(BACKSTOP)








HDO 100 ... HDO 140

Size / Taglia / Tamaño Taille / Größe	130 & 140
Axis / Asse / Eje Axe / Achse	2
Stages / Stadi / Etapas Étages / Stufen	3
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-R-D
Execution / Esecuzione Ejecución / Exécution Ausführung	2
Option / Opzione / Opción Option / Option	A-(BACKSTOP)



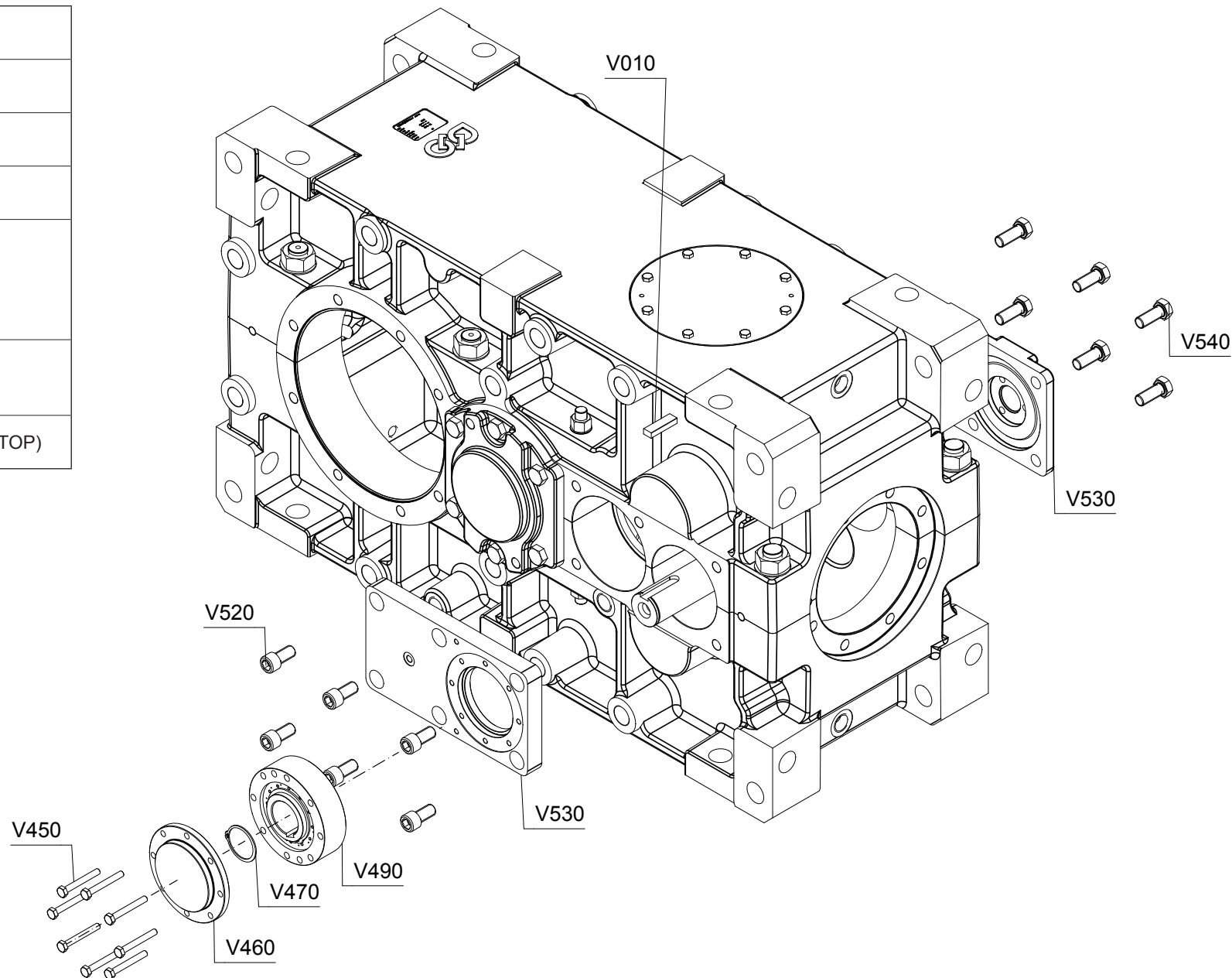
HDO 100 ... HDO 140

Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V450	T.E SCREW	VITE T.E.PARZ.FIL	TORNILLO T.E.	VIS T.H.PART.FIL.	T.E.-SCHRAUBE
V460	PLAIN CAP	CAPPEL CHIUSO	SOMBRETERE	CAPUCHON FERME	SCHLUSSDECKEL
V470	SHAFT CIRCLIP	AN.ELASTICO-ALBERO	AN.ELASTICO-EJE	BAGUE ELAST.-ARBRE	SEEGERRING WELLE
V480	SPACER RING	DISTANZIALE	DISTANCIADOR	ENTRETOISE	DISTANZRING
V490	FREE-WHEEL (BACKSTOP)	RUOTA LIBERA-ANTIRETRO	RUEDA LIBRE-ANTIRETOR	ANTIDEVIREUR	RÜCKLAUF-FREIS RAD
V500	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V510	ANTI RUN BACK CAP	CAPPEL ANTIRETRO	SOMBRETERE PARA ANTIRRET	CAPUCHON P/ ANTIDEVIREUR	RÜCKLAUFSSPERREDECKEL
V520	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V530	PLAIN COVER	COPERCHIO CHIU	TAPA DE CIERRE	COUV.FERMETURE	SCHLUSSDECKEL
V540	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE

						
	V010	V450	V470	V500	V520	V540
HDO 130	22X14X69 B	M10X90	80X2.5	M12X30	M20X40	M20X50
HDO 140	22X14X69 B	M10X90	80X2.5	M12X30	M20X40	M20X50

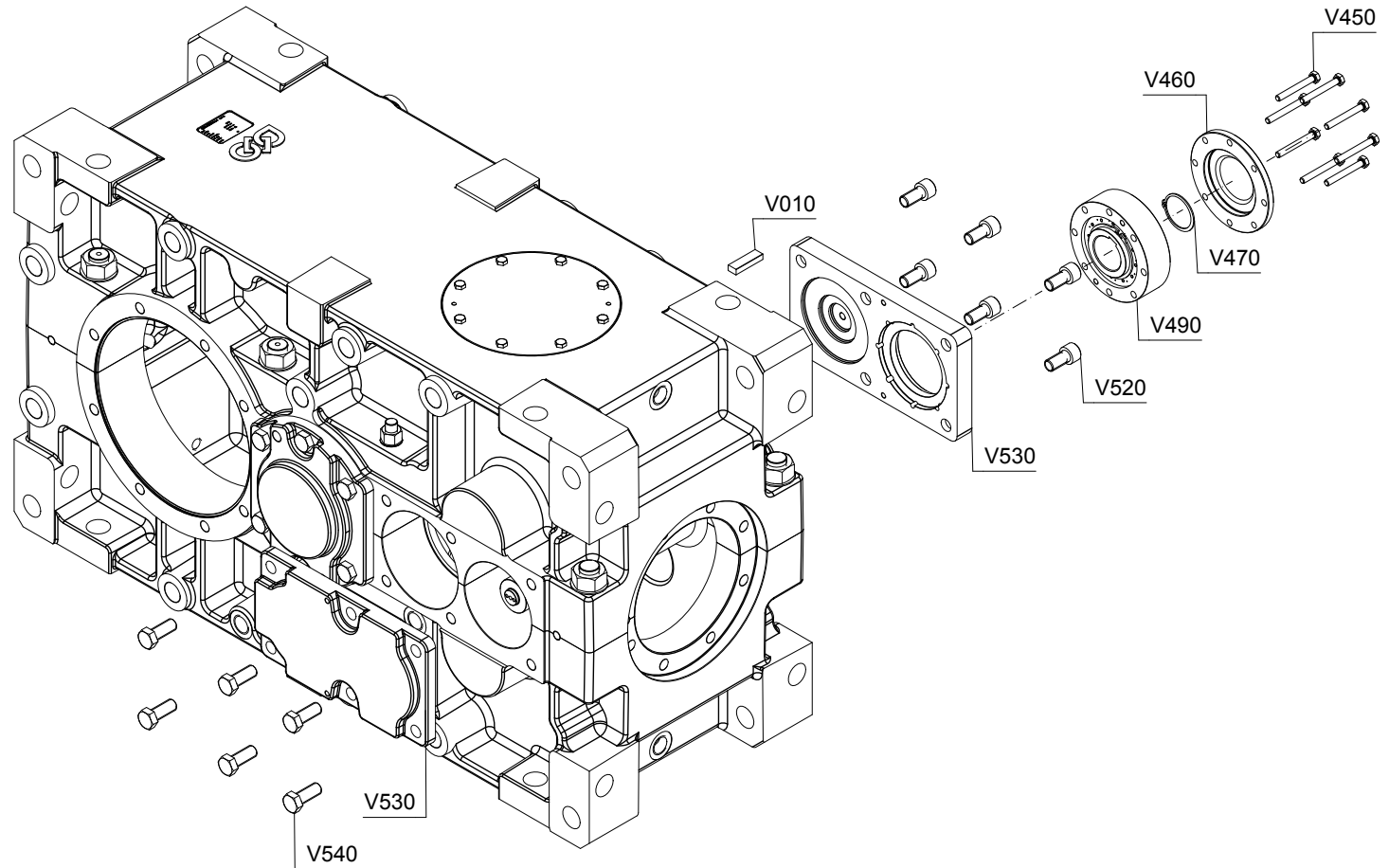
HDO 100 ... HDO 140

Size / Taglia / Tamaño Taille / Größe	130 & 140
Axis / Asse / Eje Axe / Achse	1
Stages / Stadi / Etapas Étages / Stufen	4
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-R-D
Execution / Esecuzione Ejecución / Exécution Ausführung	1
Option / Opzione / Opción Option / Option	A-(BACKSTOP)








HDO 100 ... HDO 140

Size / Taglia / Tamaño Taille / Größe	130 & 140
Axis / Asse / Eje Axe / Achse	1
Stages / Stadi / Etapas Étages / Stufen	4
Type / Tipo / Tipo Type / Typ	VP
Shaft arrangement Disposizione alberi Disposición del eje Disposition d'arbre Anordnung der Wellen	L-R-D
Execution / Esecuzione Ejecución / Exécution Ausführung	2
Option / Opzione / Opción Option / Option	A-(BACKSTOP)



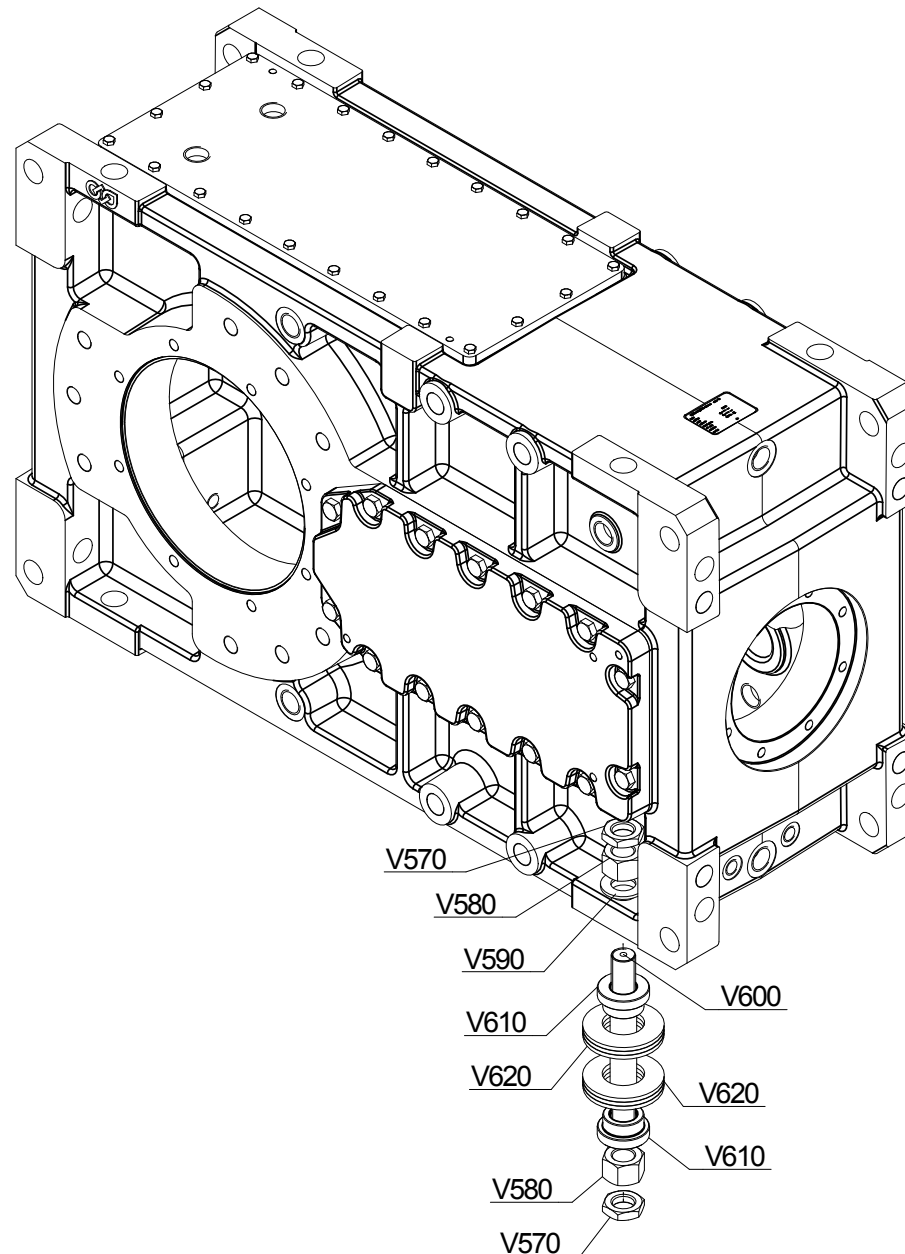
HDO 100 ... HDO 140

Pos	Description	Descrizione	Descripción	Description	Beschreibung
V010	KEY	LINGUETTA	CHAVETA	CLAVETTE	PASSFEDER
V450	T.E SCREW	VITE T.E.PARZ.FIL	TORNILLO T.E.	VIS T.H.PART.FIL.	T.E.-SCHRAUBE
V460	PLAIN CAP	CAPPEL CHIUSO	SOMBRETERE	CAPUCHON FERME	SCHLUSSDECKEL
V470	SHAFT CIRCLIP	AN.ELASTICO-ALBERO	AN.ELASTICO-EJE	BAGUE ELAST.-ARBRE	SEEGERRING WELLE
V490	FREE-WHEEL (BACKSTOP)	RUOTA LIBERA-ANTIRETRO	RUEDA LIBRE-ANTIRETOR	ANTIDEVIREUR	RÜCKLAUF-FREIS RAD
V520	E.S.H. SCREW	VITE T.C.E.I.	TORNILLO TCEI	VIS T.C.H.C.	TCEI-SCHRAUBE
V530	PLAIN COVER	COPERCHIO CHIU	TAPA DE CIERRE	COUV.FERMETURE	SCHLUSSDECKEL
V540	HEXAGONAL H. SCREW	VITE T.E.INT.FIL.	TORNILLO TE.INT.	VIS T.H.ENT.FIL	T.E SCHRAUBE

					
	V010	V450	V470	V520	V540
HDO 130	18X11X60 B	M10X80	60X2	M20X40	M20X50
HDO 140	18X11X60 B	M10X80	60X2	M20X40	M20X50

HDO 100 ... HDO 140




Size / Taglia / Tamaño Taille / Größe	ALL
Axis / Asse / Eje Axe / Achse	2 & 3 & 4
Option / Opzione / Opción Option / Option	TA



HDO 100 ... 140

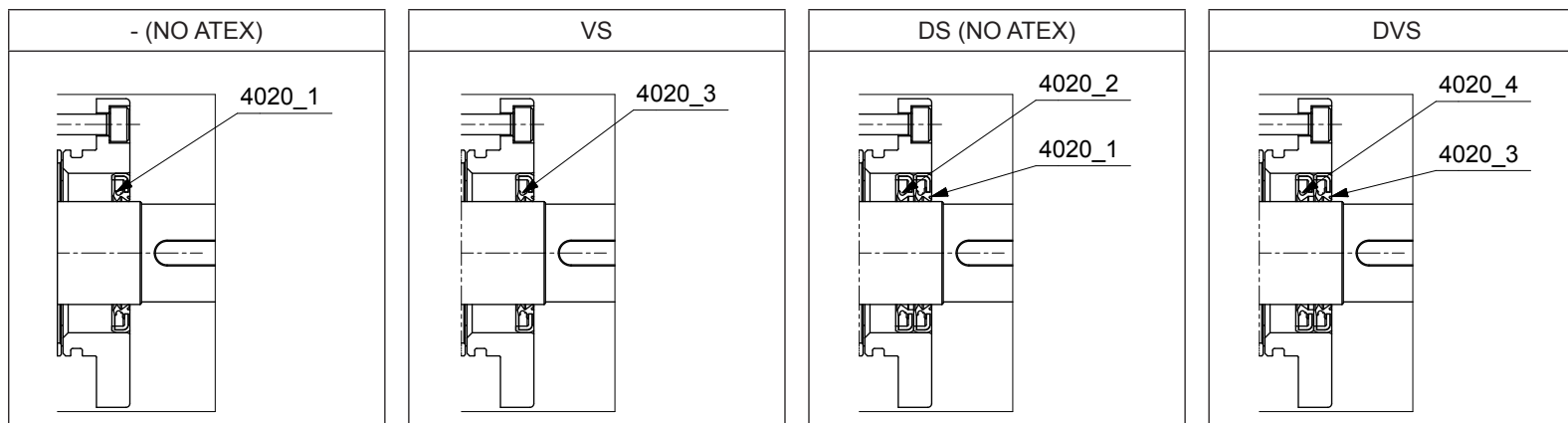
HDO 100 ... HDO 140

Pos	Description	Descrizione	Descripción	Description	Beschreibung
V570	SMALL NUT	DADO BASSO	TUERCA BAJO	ECROU BAS	TIEFMUTTER
V580	LARGE NUT	DADO ALTO	TUERCA	ECROU HAUT	HOCHMUTTER
V590	WASHER	RONDELLA PIANA	ARANDELA PLANA	RONDELLE PLATE	FLACHSCHEIBE
V600	PIN	PERNO	BRAZO	PIVOT	BOLZEN
V610	BUSHING	BOCCOLA	CASQUILLO	MANCHON	KUPPLUNG
V620	SPRING	MOLLA A TAZZA	MUELLE/DISCO	ROND.BELLEVL.	TELLERFEDER

				
	V570	V580	V590	V620
HDO 100	M27	M27	28X50X4	100X51X6
HDO 110	M27	M27	28X50X4	100X51X6
HDO 120	M30	M30	30	100X51X6
HDO 125	M30	M30	30	100X51X6
HDO 130	M36	M36	36	125X64X8
HDO 140	M36	M36	36	125X64X8

HDO 100 ... 140

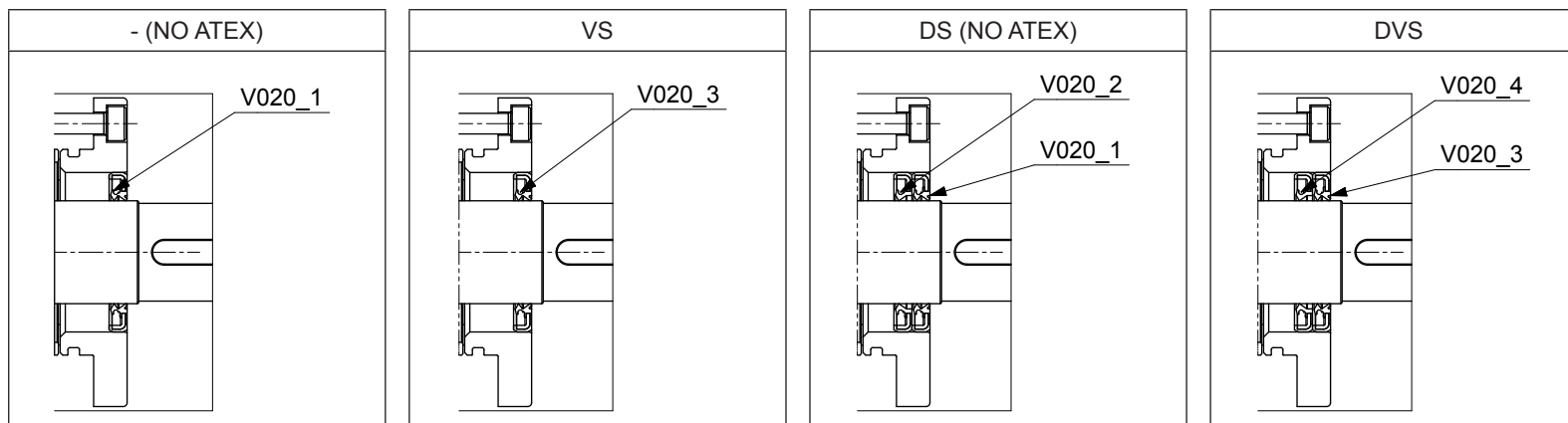
HDO 100 ... HDO 140



4020*	OILSEAL - 4020*			
	4020_1	4020_2	4020_3	4020_4
HDO 100	160X190X15 DL	160X190X15 L	160X190X15 DL	160X190X15 L
HDO 110	170X200X15 DL	170X200X15 L	170X200X15 DL	170X200X15 L
HDO 120	180X210X15 DL	180X210X15 L	180X210X15 DL	180X210X15 L
HDO 125	200X230X15 DL	200X230X15 L	200X230X15 DL	200X230X15 L
HDO 130	220X250X16 DL	220X250X16 L	220X250X15 DL	220X250X15 L
HDO 140	240X270X15 DL	240X270X15 L	240X270X15 DL	240X270X15 L

HDO 100 ... 140

HDO 100 ... HDO 140



V020*	Stages / Stadi / Etapas Étages / Stufen	OILSEAL - V020*				
		V020_1	V020_2	V020_3	V020_3	RATIO
HDO 100	2	75X95X10 DL	75X95X10 L	75X95X10 DL	75X95X10 L	-
	3	60X80X10 DL	60X80X10 L	60X80X8 DL	60X80X10 L	I= 14,0-15,6-17,3
		50X80X10 DL	50X80X10 L	50X80X8 DL	50X80X8 L	I= 20,2-22,5-25,0-28,3-31,5-36,0-40,0-43,9-48,8-55,8-62,0-67,5
	4	40X80X12 DL	40X80X10 L	40X80X10 DL	40X80X10 L	I= 70,8-78,7-90,0-100,0-111,4-123,8-139,8
35X80X10 DL		35X80X10 L	35X80X10 DL	35X80X10 L	I= 160,0-178,2-198,0-223,7-248,6-284,4-316,0-344,2	
HDO 110	2	75X95X10 DL	75X95X10 L	75X95X10 DL	75X95X10 L	-
	3	60X80X10 DL	60X80X10 L	60X80X8 DL	60X80X10 L	I= 18,9-20,9
		50X80X10 DL	50X80X10 L	50X80X8 DL	50X80X8 L	I= 22,0-24,6-27,2-30,9-34,3-39,3-43,6-48,0-53,1-61,0-67,5-77,5
	4	40X80X12 DL	40X80X10 L	40X80X10 DL	40X80X10 L	I= 77,4-85,7-96,7-108,9-121,7
35X80X10 DL		35X80X10 L	35X80X10 DL	35X80X10 L	I= 137,1-154,7-174,3-194,7-215,7-244,4-274,2-310,7-344,2-395,0	
HDO 120	2	80X100X10 DL	80X100X10 L	80X100X10 DL	80X100X10 L	-
	3	60X80X10 DL	60X80X10 L	60X80X8 DL	60X80X10 L	I= 17,3-19,5-21,8-24,6
		50X80X10 DL	50X80X10 L	50X80X8 DL	50X80X8 L	I= 28,3-32,0-34,8-41,2-44,9-49,5-53,9-63,9-69,6-78,6
	4	40X80X12 DL	35X80X10 L	40X80X10 DL	35X80X10 L	I= 87,0-103,1-112,3-125,7-136,9-162,2
35X80X10 DL		40X80X10 L	35X80X10 DL	40X80X10 L	I= 179,7-201,1-219,0-252,4-282,7-325,9-354,9-400,6	

HDO 100 ... 140

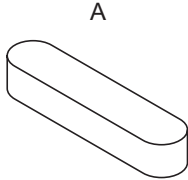
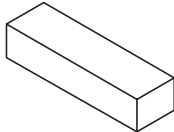
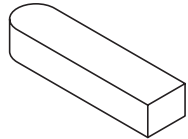
HDO 100 ... HDO 140

V020*	Stages / Stadi / Etapas Étages / Stufen	OILSEAL - V020*				
		V020_1	V020_2	V020_3	V020_3	RATIO
HDO 125	2	80X100X10 DL	80X100X10 L	80X100X10 DL	80X100X10 L	
	3	60X80X10 DL	60X80X10 L	60X80X8 DL	60X80X10 L	I= 19,2-22,6-24,3-27,7-33,0-35,8
		50X80X10 DL	50X80X10 L	50X80X8 DL	50X80X8 L	I= 38,8-43,0-50,1-55,4-60,1-72,1-77,6-85,9
	4	40X80X12 DL	35X80X10 L	40X80X10 DL	40X80X10 L	I= 97,0-116,3-125,2-141,8-152,6-178,0
35X80X10 DL		40X80X10 L	35X80X10 DL	35X80X10 L	I= 200,3-226,9-244,1-284,8-315,2-367,6-395,6-438,0	
HDO 130	2	100X130X12 DL	100X130X12 L	100X130X12 DL	100X130X12 L	-
	3	80X100X10 DL	80X100X10 L	80X100X10 DL	80X100X10 L	-
	4	50X80X8 DL	50X80X8 L	50X80X8 DL	50X80X8 L	-
HDO 140	2	100X130X12 DL	100X130X12 L	100X130X12 DL	100X130X12 L	-
	3	80X100X10 DL	80X100X10 L	80X100X10 DL	80X100X10 L	-
	4	50X80X8 DL	50X80X8 L	50X80X8 DL	50X80X8 L	-

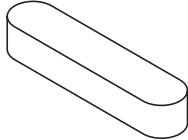
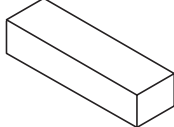
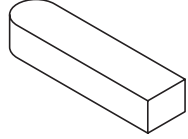
HDO 100 ... HDO 140

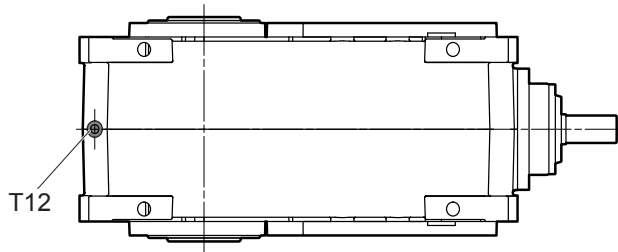
V660*	Stages / Stadi / Etapas Étages / Stufen	OILSEAL - TK-V660*	
		V660*	RATIO
HDO 100	2	75X95X10 DL	-
	3	60X80X10 L	I= 14,0-15,6-17,3
		50X80X8 L	I= 20,2-22,5-25,0-28,3-31,5-36,0-40,0-43,9-48,8-55,8-62,0-67,5
	4	40X62X7 DL	I= 70,8-78,7-90,0-100,0-111,4,123,8-139,8
35X62X7 DL		I= 160,0-178,2-198,0-223,7-248,6-284,4-316,0-344,2	
HDO 110	2	75X95X10 DL	-
	3	60X80X10 L	I= 18,9-20,9
		50X80X8 L	I= 22,0-24,6-27,2-30,9-34,3-39,3-43,6-48,0-53,1-61,0-67,5-77,5
	4	40X62X7 DL	I= 77,4-85,7-96,7-108,9-121,7
35X62X7 DL		I= 137,1-154,7-174,3-194,7-215,7-244,4-274,2-310,7-344,2-395,0	
HDO 120	2	80X100X10 DL	-
	3	60X80X10 DL	I= 17,3-19,5-21,8-24,6
		50X80X8 DL	I= 28,3-32,0-34,8-41,2-44,9-49,5-53,9-63,9-69,6-78,6
	4	40X62X7 DL	I= 87,0-103,1-112,3-125,7-136,9-162,2
35X62X7 DL		I= 179,7-201,1-219,0-252,4-282,7-325,9-354,9-400,6	
HDO 125	2	80X100X10 DL	-
	3	60X80X10 DL	I= 19,2-22,6-24,3-27,7-33,0-35,8
		50X80X8 DL	I= 38,8-43,0-50,1-55,4-60,1-72,1-77,6-85,9
	4	40X62X7 DL	I= 97,0-116,3-125,2-141,8-152,6-178,0
35X62X7 DL		I= 200,3-226,9-244,1-284,8-315,2-367,6-395,6-438,0	
HDO 130	2	100X130X12 DL	-
	3	80X100X10 DL	-
	4	50X80X8 DL	-
HDO 140	2	100X130X12 DL	-
	3	80X100X10 DL	-
	4	50X80X8 DL	-

HDO 100 ... HDO 140

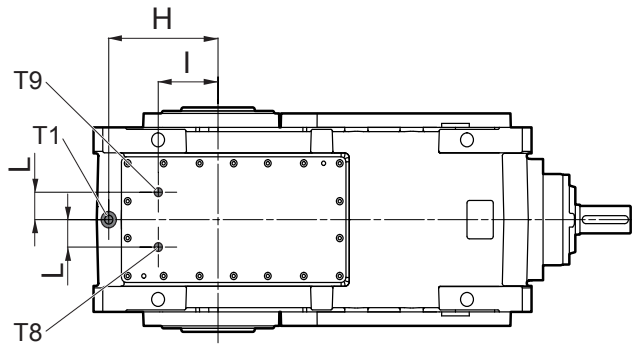
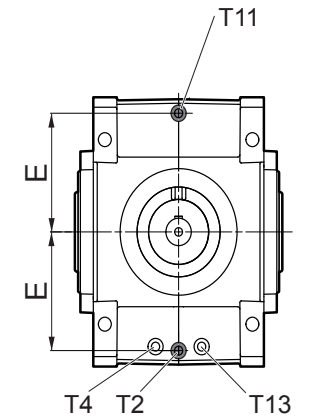
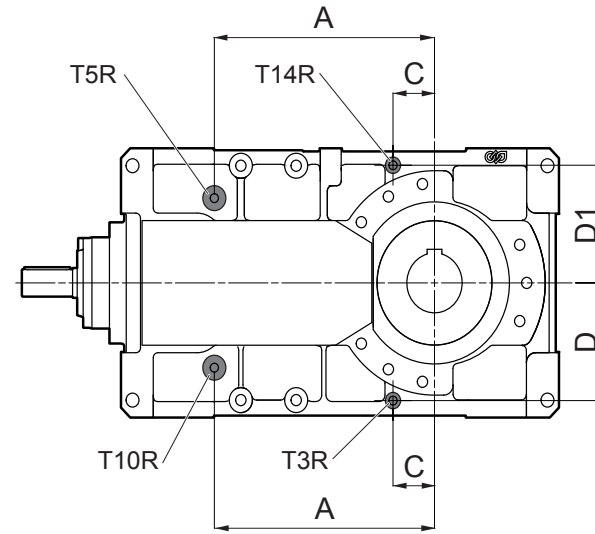
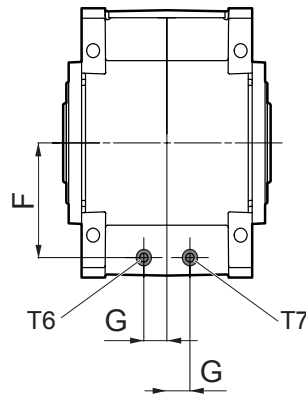
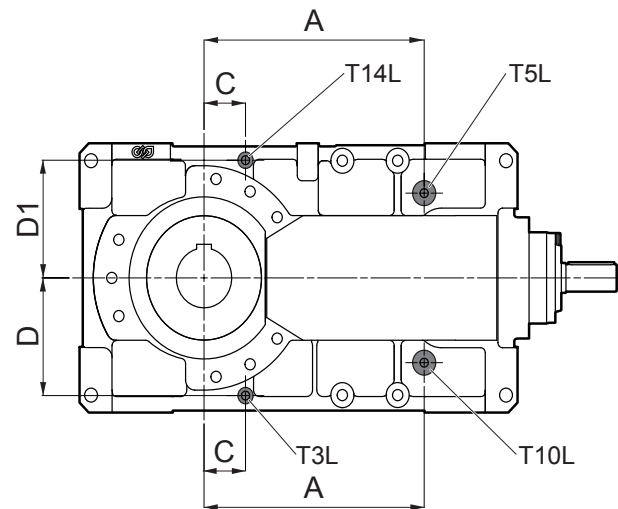
V010*	KEY-NG - V010*					
	N250	N280	RATIO	N320	RATIO	
HDO 100	14X9X91 C	14X9X100 A	20.2-67.5	14X9X91 C	20.2-67.5	 <p>A</p>
	10X8X60 B	10X8X70 A	70.8-139.8	10X8X62 C	70.8-139.8	
	10X8X70 A	10X8X70 A	160-344.2	-	-	
HDO 110	14X9X91 C	14X9X100 A	22-77.5	14X9X91 C	22-77.5	 <p>B</p>
	10X8X60 B	10X8X70 A	77.4-121.7	10X8X62 C	77.4-121.7	
	10X8X70 A	10X8X70 A	137.1-395	-	-	
HDO 120	10X8X60 B	10X8X70 A	87-162.2	14X9X91 C	28.3-78.6	 <p>C</p>
	10X8X70 A	10X8X70 A	179.7-400.6	10X8X62 C	87-162.2	
HDO 125	10X8X60 B	10X8X70 A	97-178	14X9X91 C	38.8-85.9	
	10X8X70 A	10X8X70 A	200.3-438	10X8X62 C	97-178	
HDO 130	14X9X91 C	14X9X100 A	71.5-335.6	14X9X91 C	71.5-335.6	
HDO 140	14X9X91 C	14X9X100 A	82.3-386.6	14X9X91 C	82.3-386.6	

HDO 100 ... HDO 140

V010*	KEY-NG - V010*						
	N360	RATIO	N400	RATIO	N440	RATIO	
HDO 100	20X12X105 B	5.8-13.5	20X12X85 B	5.8-13.5	-	-	 <p>A</p>
	16X10X100 A	14-17.3	16X10X100 A	14-17.3			
	14X9X91 C	20.2-67.5	14X9X100 A	20.2-67.5			
	10X8X70 A	70.8-139.8	-	-			
HDO 110	14X9X91 C	22-77.5	20X12X85 B	6.4-15.5	-	-	 <p>B</p>
	10X8X70 A	77.4-121.7	16X10X100 A	18.9-20.9			
	-	-	14X9X100 A	22-77.5			
HDO 120	14X9X91 C	28.3-78.6	16X10X100 A	17.3-24.6	20X12X125 A	6.6-15.5	 <p>C</p>
	10X8X70 A	87-162.2	14X9X100 A	28.3-78.6	16X10X100 A	17.3-24.6	
	-	-	-	-	14X9X100 A	28.3-78.6	
HDO 125	14X9X91 C	38.8-85.9	16X10X100 A	19.2-35.8	20X12X125 A	7.4-17	
	10X8X70 A	97-178	14X9X100 A	38.8-85.9	16X10X100 A	19.2-35.8	
	-	-	-	-	14X9X100 A	38.8-85.9	
HDO 130	20X12X105 B	15.2-67.1	20X12X85 B	15.2-67.1	25X14X160 A	5.7-13.6	
	14X9X91 C	71.5-335.6	14X9X100 A	71.5-335.6	20X12X125 A	15.2-67.1	
HDO 140	20X12X105 B	17.7-77.3	20X12X85 B	17.7-77.3	25X14X160 A	6.6-15.7	
	14X9X91 C	82.3-386.6	14X9X100 A	82.3-386.6	20X12X125 A	17.7-77.3	



	A	B	C	D	D1	E	F	G	H	I	L
HDO 100 2	385	170	90	236	236	238	230	50	237	129.5	55
HDO 110 2	400	170	105	236	236	238	230	55	222	114.5	55
HDO 120 2	410	185	115	261	255	261	258	50	261	127.5	66
HDO 125 2	460	185	125	282	282	300	288	50	300	161	66



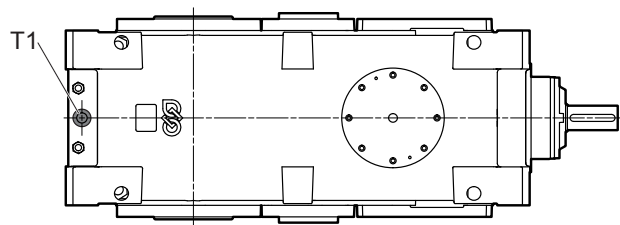
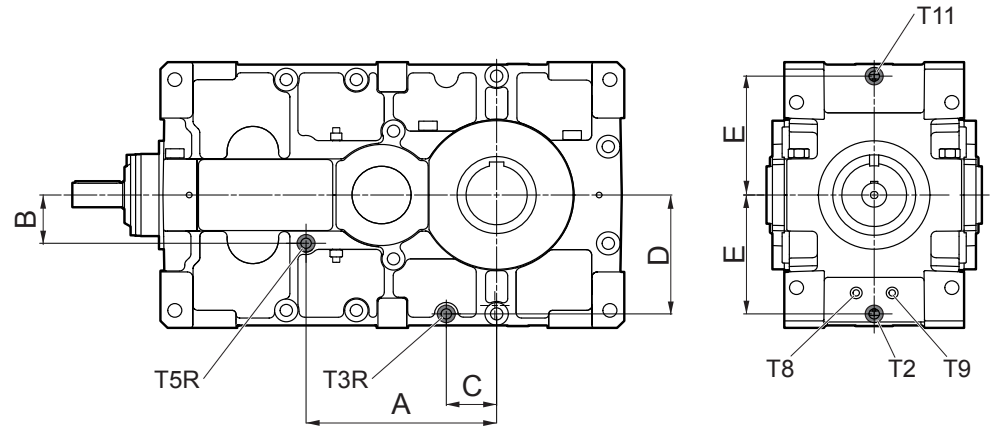
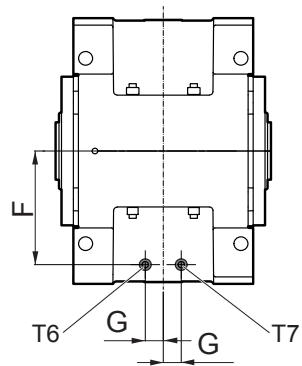
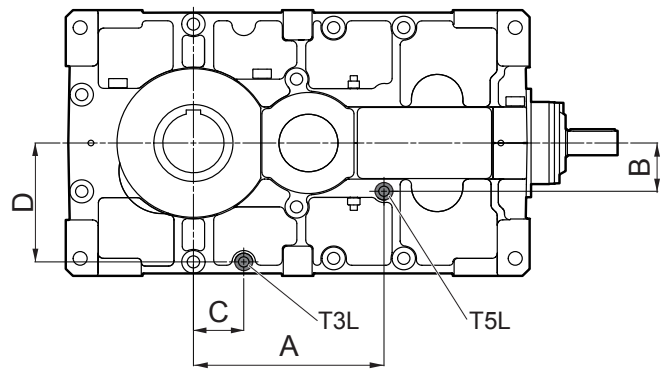
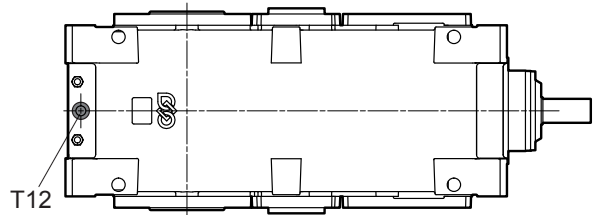
	A	B	C	D	D1	E	F	G	H	I	L
HDO 100 3 HDO 100 4	477.5	170	90	236	236	238	230	50	237	129.5	55
HDO 110 3 HDO 110 4	492.5	170	105	236	236	238	230	50	222	114.5	55
HDO 120 3 HDO 120 4	590	185	115	261	255	261	258	50	261	127.5	66
HDO 125 3 HDO 125 4	610	185	125	282	282	300	288	50	300	161	66

HDO 100 ... 140

	B3											
	T1	T2	T3L	T3R	T5R - T5L - T7 - T10 T10L - T11 - T12	T6	T8		T9		T14L	T14R
	T	S	T	T	T	T	Exec. 1 C	Exec. 2 T	Exec. 1 T	Exec. 2 C	T	T
	B6											
	T1	T2	T3L	T3R	T5R - T5L - T7 - T10 T10L - T11 - T12	T6	T8	T9	T14L	T14R		
	S	L/C	T	T	T	T	T	T	T	T		
	B7											
	T1	T2	T3L	T3R	T5R - T5L - T7 - T10 T10L - T11 - T12	T6	T8	T9	T14L	T14R		
	T	S	L	L	T	C	T	T	T	T		
	V5 (*)											
	T1	T2	T3L	T3R	T5R - T5L - T7 - T10 T10L - T11 - T12	T6	T8	T9	T14L	T14R		
	T	T	S	C	T	T	T	T	T	L		

C = Filler plug with air vent / *Tappo riempimento con sfiato* / Tapón de llenado con ventilación / *Bouchon de remplissage avec purge d'air* / Einfüllschraube mit Entlüftungsöffnung
L = Level plug / *Tappo di livello* / Tapón de nivel / Bouchon de niveau / Ölstandsschraube
S = Drain plug / *Tappo di scarico* / Tapón de drenaje / Bouchon de vidange / Ablassschraube
T = Blank plug / *Tappo cieco* / Tapón ciego / *Bouchon aveugle* / Blindstopfen

⊖ = No plug present / *Nessun tappo presente* / No dispone de tapón / *Aucun bouchon présent* / Kein Verschluss vorhanden
L = Overflow level plug / *Tappo controllo livello di troppo pieno* / *Tapón de rebose* / *Bouchon contrôle niveau de trop-plein* / Überlaufpegelschraube
 (*) = Excluding DW / *DW escluso* / Excepto DW / *À l'exclusion de DW* / Unter Ausschluss von DW



	A	B	C	D	E	F	G	H
HDO 130 2	555	180	140	340	340	325	50	310
HDO 140 2	595	180	150	340	340	325	50	335

	A	B	C	D	E	F	G	H
HDO 130 3 HDO 130 4	530	138	140	340	340	325	50	310
HDO 140 3 HDO 140 4	560	195	150	340	340	325	50	335

	B3					
	T1	T2	T3L	T3R	T5R - T5L - T7 T11 - T12	T6
	L/C	S	T	T	T	T
	B6					
	T1	T2	T3L	T3R	T5R - T5L - T7 T11 - T12	T6
	S	L/C	T	T	T	T
	B7					
	T1	T2	T3L	T3R	T5R - T5L - T7 T11 - T12	T6
	T	S	L	L	T	C
	V5 (*)					
	T1	T2	T3L	T3R	T5R - T5L - T7 T11 - T12	T6
	T	T	S	L/C	T	T

C = Filler plug with air vent / *Tappo riempimento con sfiato* / Tapón de llenado con ventilación / *Bouchon de remplissage avec purge d'air* / Einfüllschraube mit Entlüftungsöffnung
L = Level plug / *Tappo di livello* / Tapón de nivel / Bouchon de niveau / Ölstandsschraube
S = Drain plug / *Tappo di scarico* / Tapón de drenaje / Bouchon de vidange / Ablassschraube
T = Blank plug / *Tappo cieco* / Tapón ciego / *Bouchon aveugle* / Blindstopfen

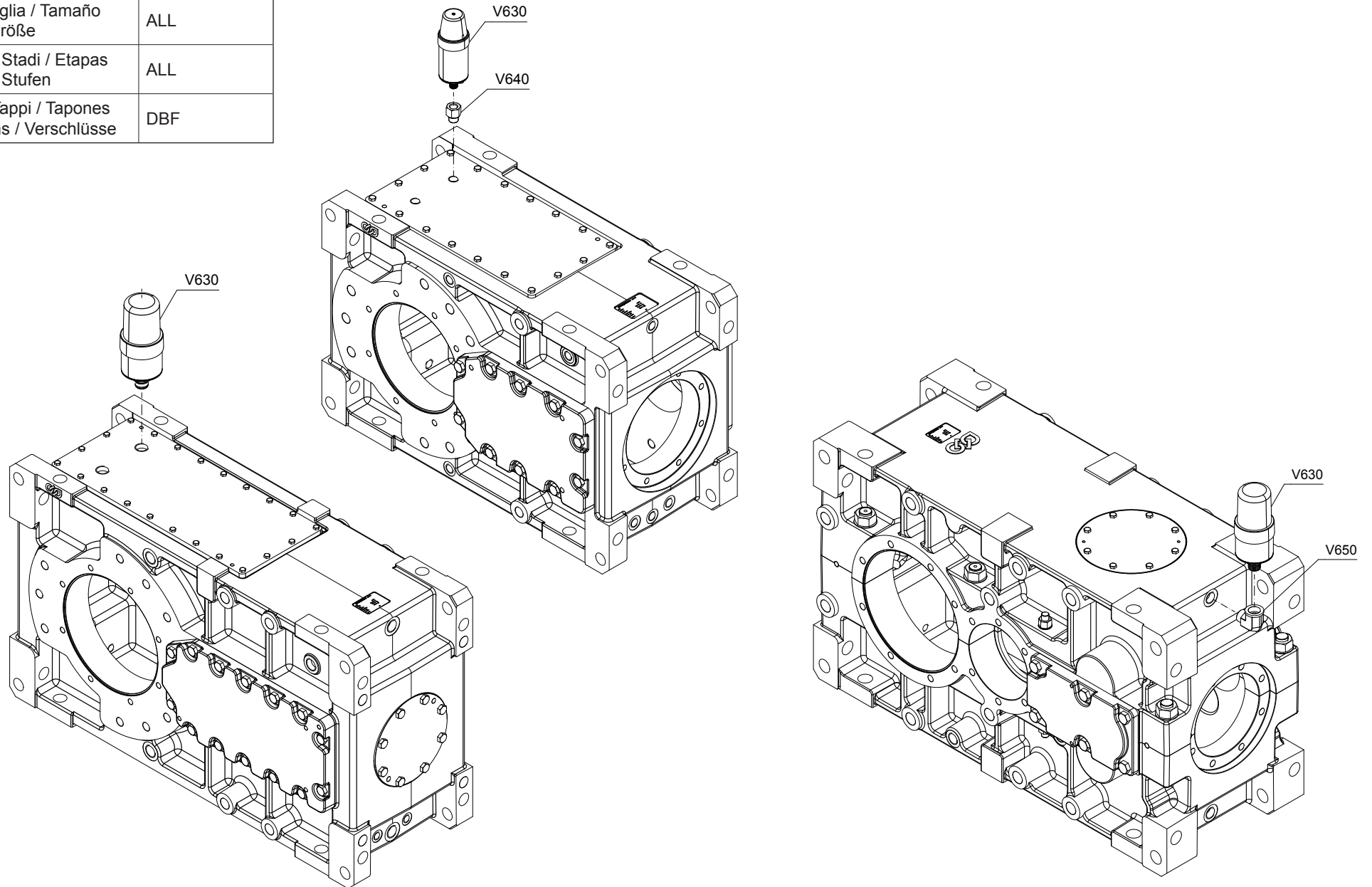
⊖ = No plug present / *Nessun tappo presente* / No dispone de *tapón* / *Aucun bouchon présent* / Kein Verschluss vorhanden

L = Overflow level plug / *Tappo controllo livello di troppo pieno* / *Tapón de rebose* / *Bouchon contrôle niveau de trop-plein* / Überlaufpegelschraube

(*) = Excluding DW / *DW escluso* / Excepto DW / *À l'exclusion de DW* / Unter Ausschluss von DW

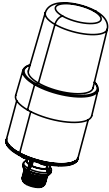


HDO 100 ... HDO 140

Size / Taglia / Tamaño Taille / Größe	ALL
Stages / Stadi / Etapas Étages / Stufen	ALL
Plugs / Tappi / Tapones Bouchons / Verschlüsse	DBF



HDO 100 ... HDO 140

Pos	Description	Descrizione	Descripción	Description	Beschreibung
V630	BREATHER PLUG	TAPPO SFIATO	TAPON RESPIR.	BOUCHON RENIFL	ENTLUEFTER
V640	REDUCTION FILL	RACCORDO RIDUZ	EMPALME REDUC	RACCORD REDUC	REDUZIERSTUECK
V650	ELBOW PIPE	RACCORDO	EMPALME	RACCORD	ANSCHLU

					
	V630		V640		V650
HDO 100-110	DC-HG-1 DES		M-F 1/2-3/8		-
HDO 120-125	DC-HG-8 DES		-		-
HDO 130-140	DC-HG-8 DES		-		M-F 1-1

HDO 100 ... HDO 140

Size / Taglia / Tamaño Taille / Größe	ALL
Stages / Stadi / Etapas Étages / Stufen	2
Bearing Position / Posizione del cuscinetto Posición de rodamiento / Position roulement Lagerposition	

4 L

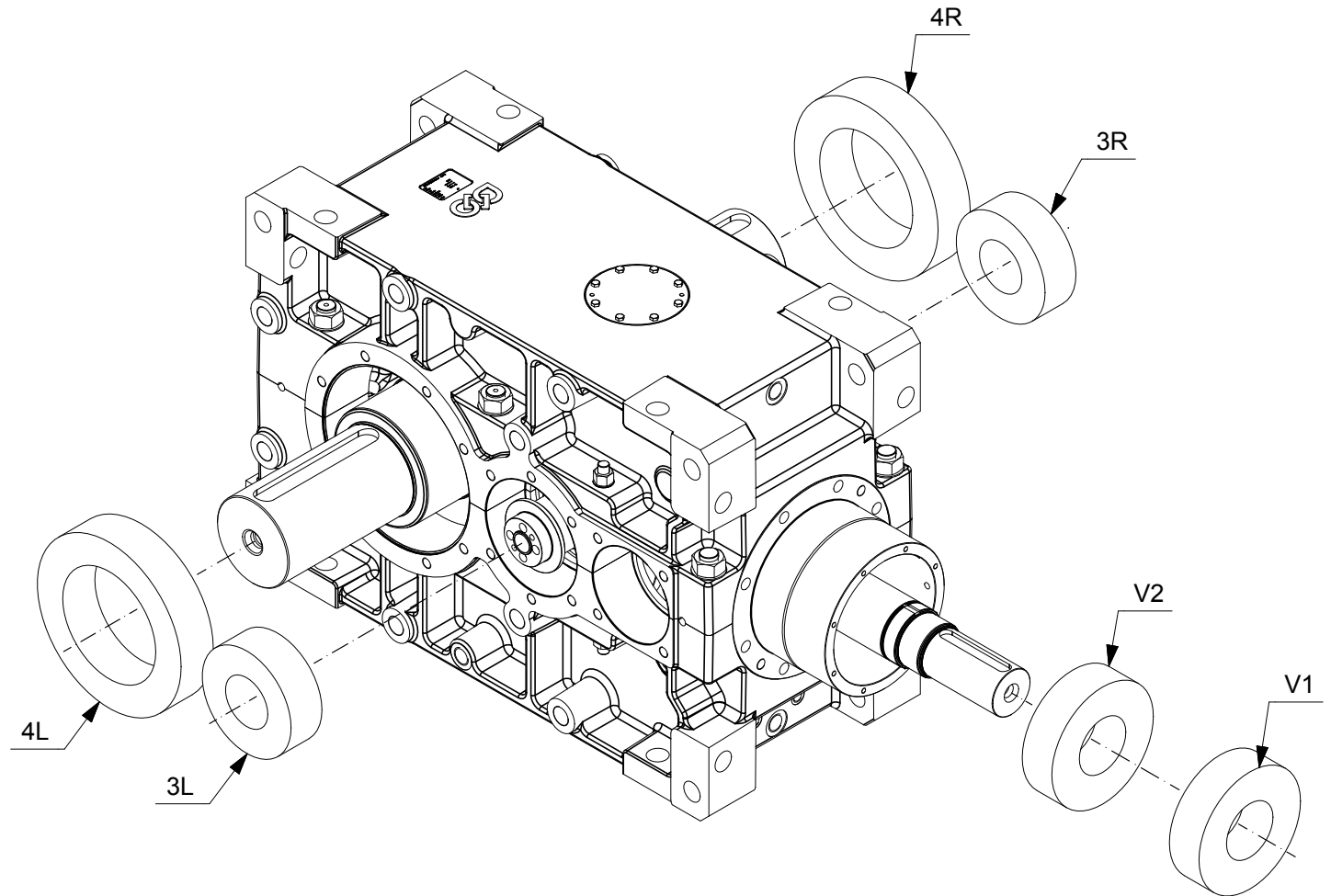
Side / Lato / Lado / Côté / Seite

L Left / *Sinistra* / Izquierdo /
Gauche / Links

R Right / *Destra* / Derecho /
Droite / Rechts

AXIS / ASSE / EJE / AXE / ACHSE

4, 3, 2, 1, V



HDO 100 ... HDO 140

Size / Taglia / Tamaño Taille / Größe	ALL
Stages / Stadi / Etapas Étages / Stufen	3
Bearing Position / Posizione del cuscinetto Posición de rodamiento / Position roulement Lagerposition	

4 L

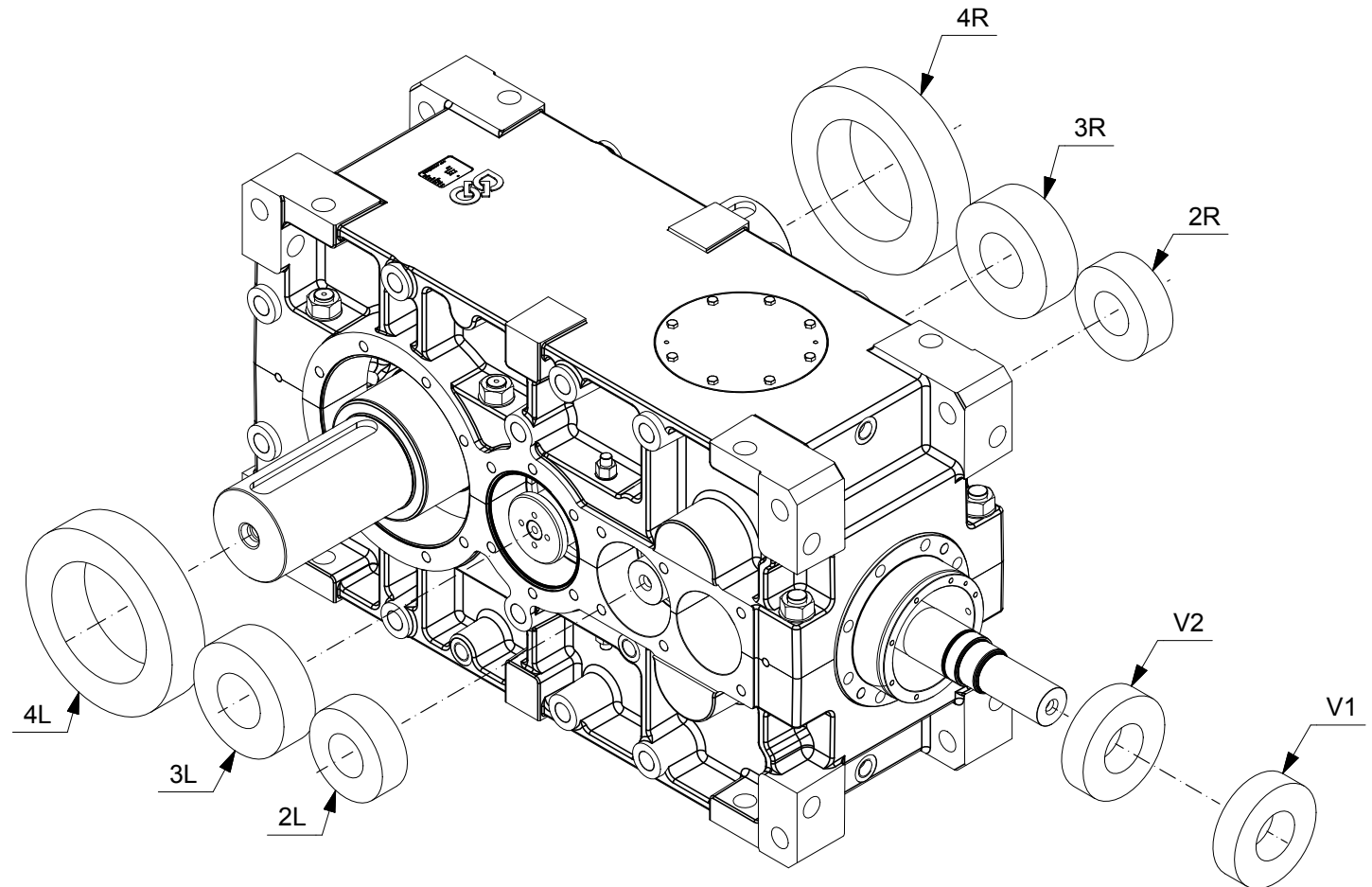
Side / Lato / Lado / Côté / Seite

L Left / *Sinistra* / Izquierdo /
Gauche / Links

R Right / *Destra* / Derecho /
Droite / Rechts

AXIS / ASSE / EJE / AXE / ACHSE

4, 3, 2, 1, V



HDO 100 ... HDO 140

Size / Taglia / Tamaño Taille / Größe	ALL
Stages / Stadi / Etapas Étages / Stufen	4
Bearing Position / Posizione del cuscinetto Posición de rodamiento / Position roulement Lagerposition	

4 L

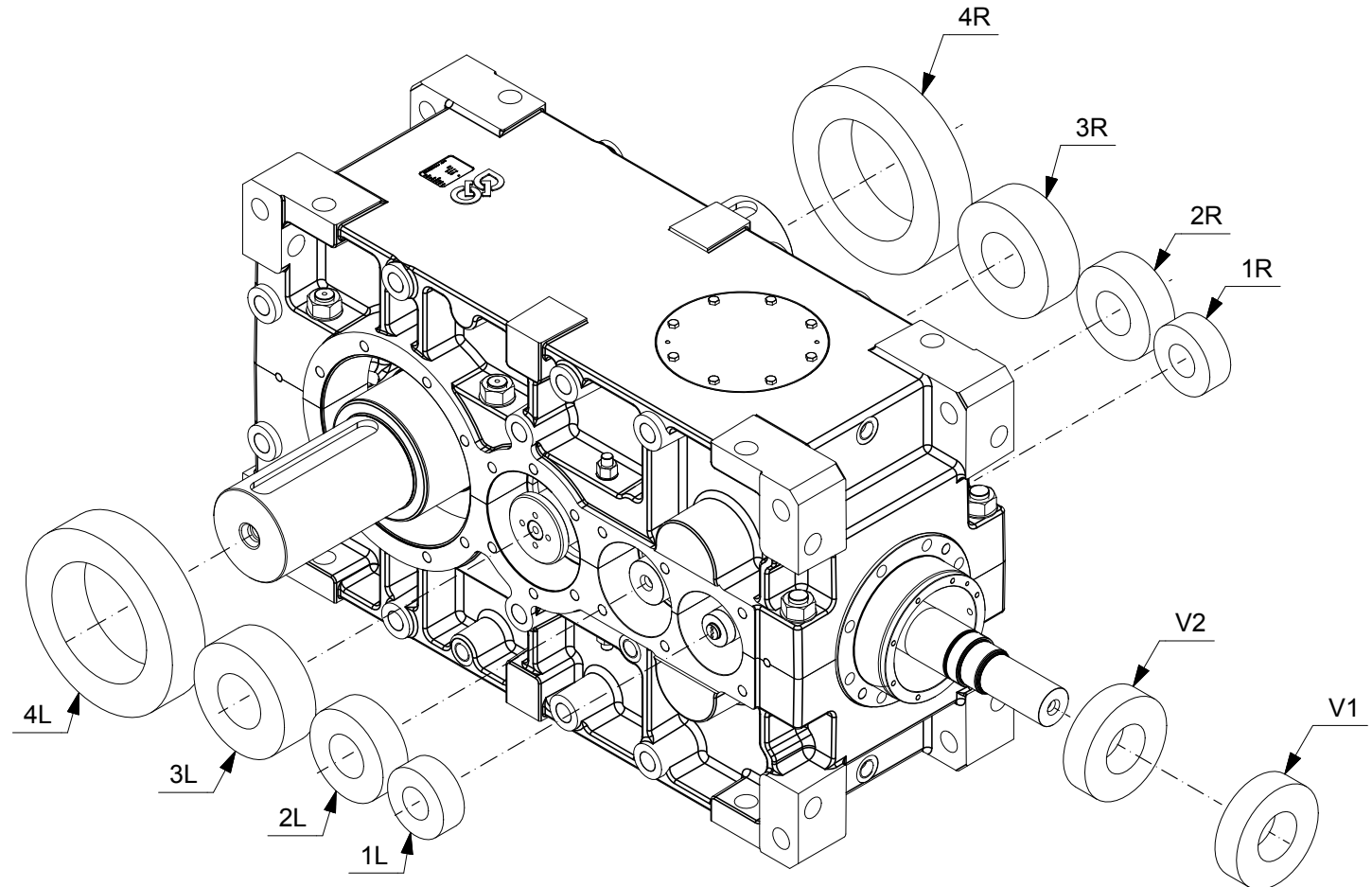
Side / Lato / Lado / Côté / Seite

L Left / *Sinistra* / Izquierdo /
Gauche / Links

R Right / *Destra* / Derecho /
Droite / Rechts

AXIS / ASSE / EJE / AXE / ACHSE

4, 3, 2, 1, V



BR_SPR_HDPO_STD_I-UK-F-DE-E_R00_0

	Descrizione	<i>Description</i>	Beschreibung	<i>Description</i>	<i>Description</i>

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