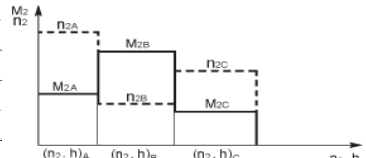


A) GENERAL DATA		B ₁) ELECTRIC MOTOR		B ₂) HYDRAULIC MOTOR	
# 1	Company / Customer				
# 2	Contact				
# 3	Branch / Distributor				
# 4	Order quantity				
# 5	Delivery time				
# 6	Mortor Type				
# 7	P _{n1} Rated motor Power	[kW]	V	Displacement	[cm ³]
# 8	P _{r1} Motor power demand	[kW]	Δp	Max drop of pressure	[bar]
# 9	n ₁ Input speed	[min ⁻¹]	Q	Max oil flow rate	[l/min]
# 10	Pole number				
# 11	Motor mounting: B3 - B5 - B14				
C ₁) PLANETARY GEARBOX		C ₂) ATEX CONDITION [Group II] - 2014/34/EU			
# 12	Gearbox configuration				
# 13	i Gear ratio			Category: [2=standard / 3=special]	
# 14	n ₂ Output speed	[min ⁻¹]		Atmosphere: [G=gas / D=dust]	
# 15	M _{r2} Output torque demand	[Nm]		Zone: [1 - 21 / 2 - 22]	
# 16	M _{p2} Output peck torque demand	[Nm]		Temperatur class: [T4 / 135 °C]	
# 17	f _s Service factor demand				
# 18	Rotation of the output shaft [frontal view]:	CW		CCW	
# 19	L _{10H} Bearings lifetime	[h]			
# 20	Gears lifetime	[h]			
# 21	SF _{min} Safety for tooth root stress			standard reference (ISO preferred)	
# 22	SH _{min} Safety for flank pressure			standard reference (ISO preferred)	
D) ADDITIONAL LOADS					
# 23	R _{c2} Radial load on output shaft	[N]			
# 24	X ₂ Load application distance from shaft shoulder	[mm]			
# 26	R _{c1} Radial load on input shaft	[N]			
# 27	X ₁ Load application distance from shaft shoulder	[mm]			
# 29	A _{n2} Thrust load on output shaft (+ / -)	[N]			+ = push - = pull
# 30	A _{n1} Thrust load on input shaft (+ / -)	[N]			
E) APPLICATION					
# 31	Type of application				
# 32	Duty cycle	Time phase %	Time phase hours	Gearbox output torque [Nm]	Gearbox output speed [min ⁻¹]
					
# 33	Notes about Duty Cycle:				
	Duty type	S1	S2	S3	S4-S8
# 34	v _A Ambient air velocity	[m/s]	≤ 0.5	> 0.5 ≤ 1.4	> 1.4
# 35	T _{AMB} Ambient temperature range	[°C]			
# 36	Altitude a.s.l.	[m]			
# 37	Rating according FEM class	T-	L-	M-	
F) OPTIONS OR ADDITIONAL REQUESTS					
# 38	Lubrication				
# 39	Supplementary cooling systems				
# 40	Paint coating				
# 41	To specific requests for testing				
G) NOTES					
# 42	Notes and additional Customer requirements:				
# 43	PLP number if present for Special Gearbox				
H) UTILITY					
		Hours used for Selection	[h]	

Mandatory for the selection