

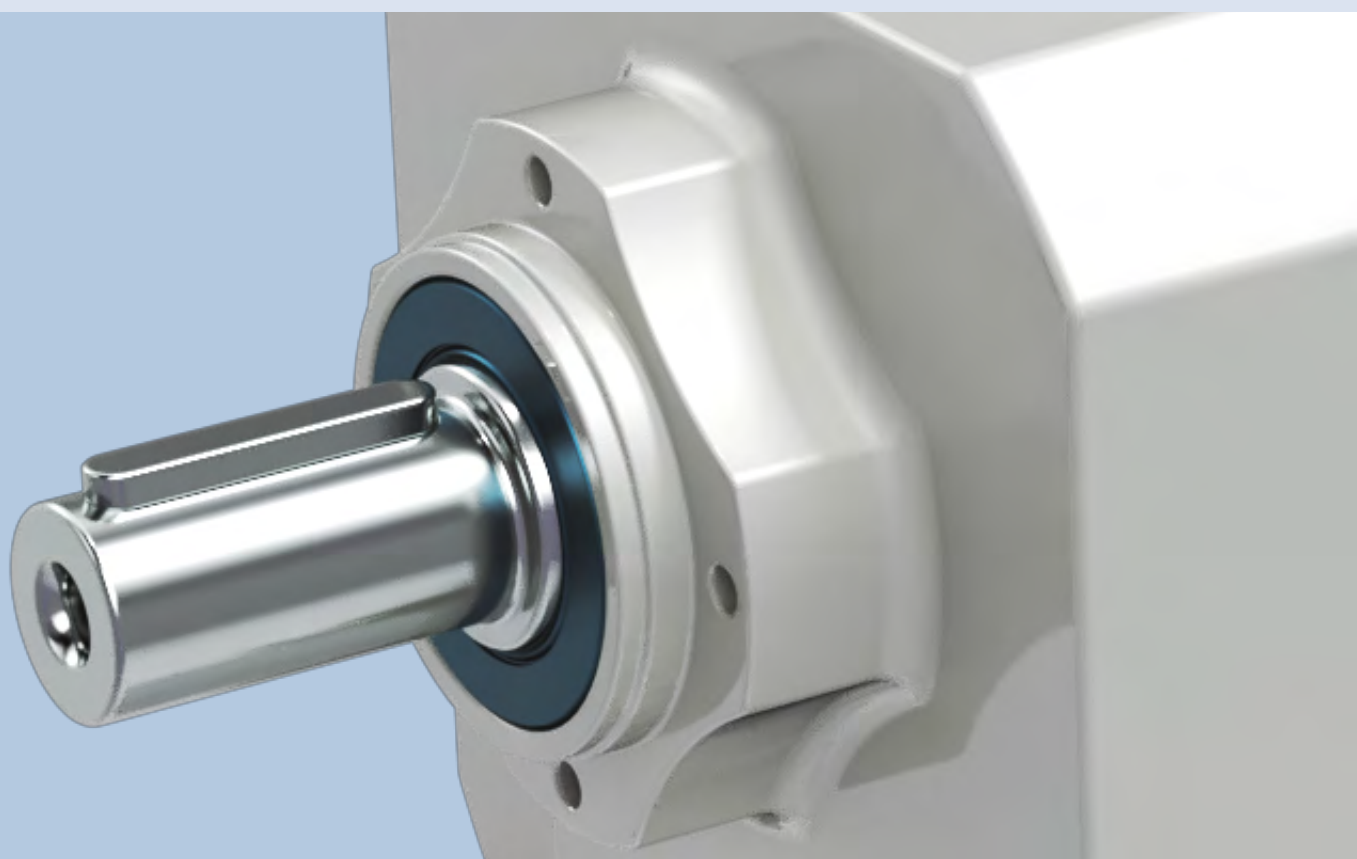
# eVOX PLATFORM

Product Catalogue

 **Bonfiglioli**

# **COAXIAL GEARMOTOR & GEAR UNIT EVOX**

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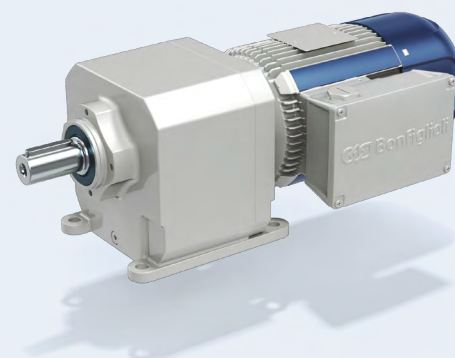


# PRODUCT OVERVIEW

**EVOX** is Bonfiglioli's new gearmotor platform; the EVOX family starts with the new **CP**.

**EVOX CP** is a Helical In-Line product designed with a smooth housing and a performance/value focus.

The interface, aligned with the market standards, allows adapting EVOX CP to most existing industrial machines without the need for specific machining. Thanks to the wide range of versions/options and motors available in **Bonfiglioli's portfolio**, this new product can meet a wide range of application needs.



Features	Benefits
Overall dimensions in line with market standards	Fully interchangeable with market standards
Smooth surface	Easy-clean shape
Every mounting position available with the standard Product	Lower codes in stock
High torque density for in-line technology	High roughness and performances
Reinforced radial/axial bearing option	Product ready for decentralized transmission
Feet & flange output & long speed ratios	Product ready for pumps & compressors

EVOX CP sizes	Nominal torque	Gear ratio range	Max radial loads	Maximum compact gearmotor power	
	[Nm]		[N] <sup>1</sup>	[kW]	[hp]
07	55	2.8-81.2	1600	0.37	0.5
17	100	2.4-85.9	1770	0.75	1
37	200	2.3-133	4500	1.5	2
47	335	2.4-172	5000	4	5,5
57	500				
67	650				

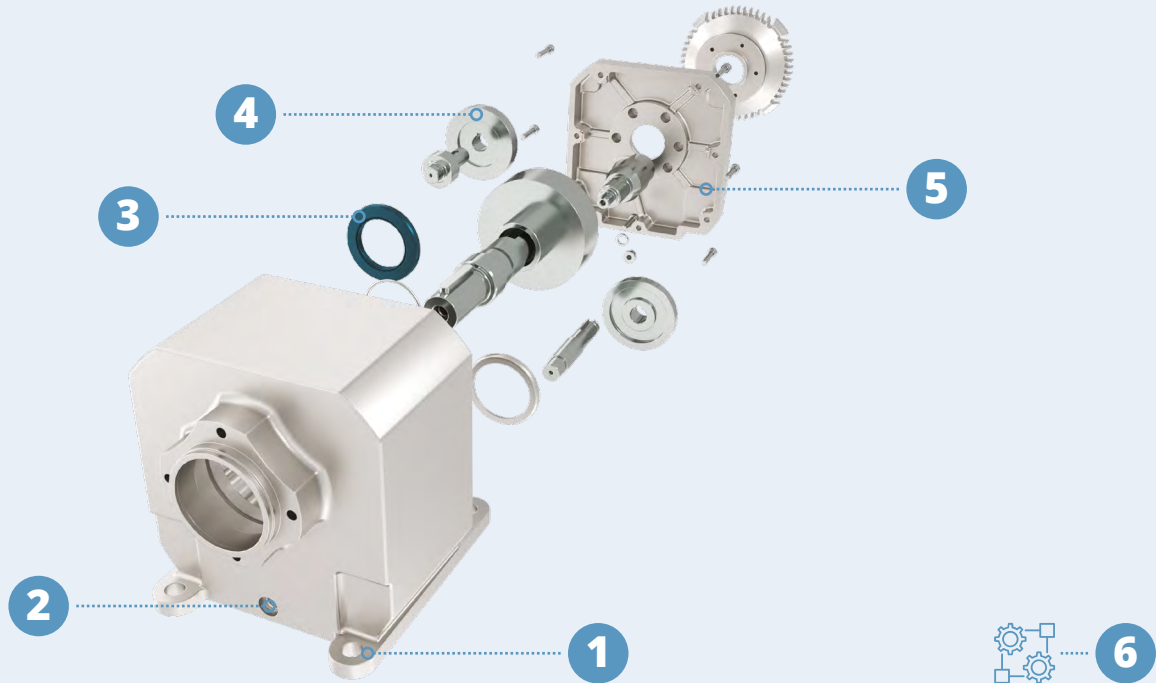
(1) Max performances @ 1400 rpm in input, Nominal output torque and radial load, applied in the middle of the o. shaft.

This value could change with the gear ratio

# PRODUCT OVERVIEW

## TECHNICAL FEATURES

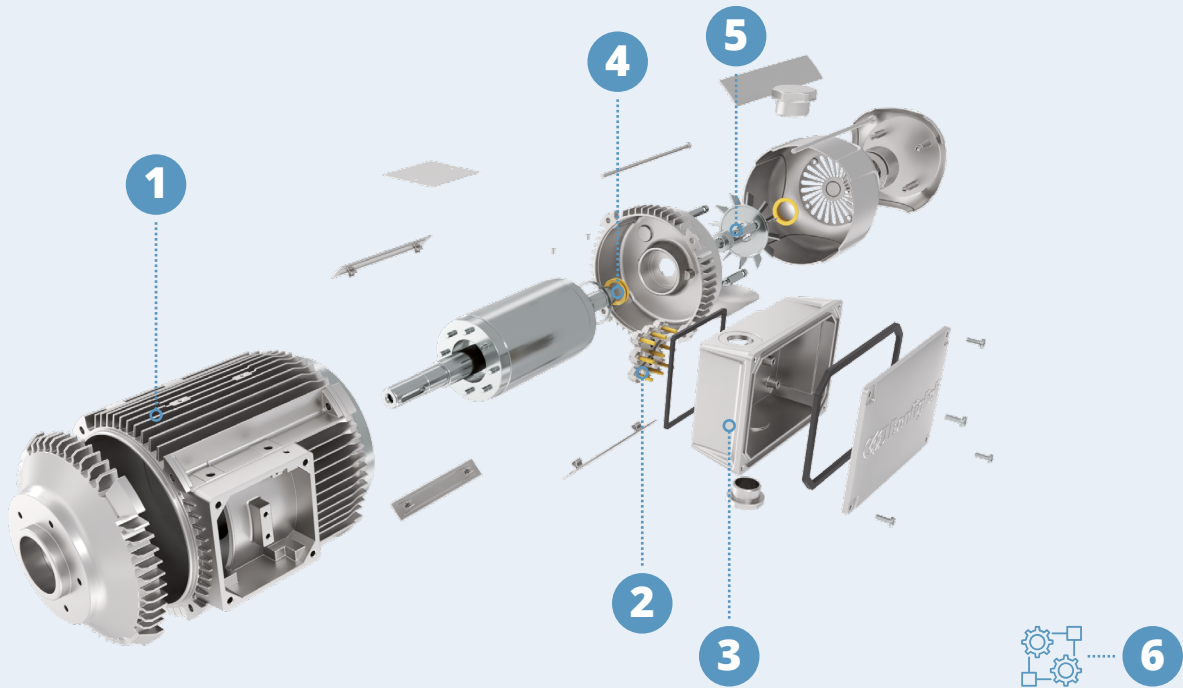
Gear Unit – Coaxial CP



- 1 Overall dimensions in line with market standards**
- 2 Every mounting position possible with one product**  
With its unique oil level, this gear unit can be fitted on any position.
- 3 Reliability focus for every standard component**  
Using more reliable components improves the reliability of the whole product.
- 4 Efficiency and low noise gears set**  
These highly effective gears reduce oil heating, preventing its leakage through the seals.
- 5 Product flexibility/modularity**  
Easy assembly with simple equipment.
- 6 Great set of versions and options**



## Electric Motor – MXN/MNN



### 1 Uncompromised IE3/NEMA Premium Efficiency

This motor is compliant with the most severe regulations in the world in terms of efficiency.

### 2 One motor for EU, USA, India & Australia

With its particular 9-PIN terminal box, you could get the right voltage for most markets.

### 3 Reliability focus for every standard component

Using more reliable components improves the reliability of the whole product.

### 4 Rotating terminal box

With this feature, you could rotate the terminal box in every position you need.

### 5 Modular brakes and encoders

### 6 Wide range of versions and options

# PRODUCT OVERVIEW

## TARGET APPLICATIONS

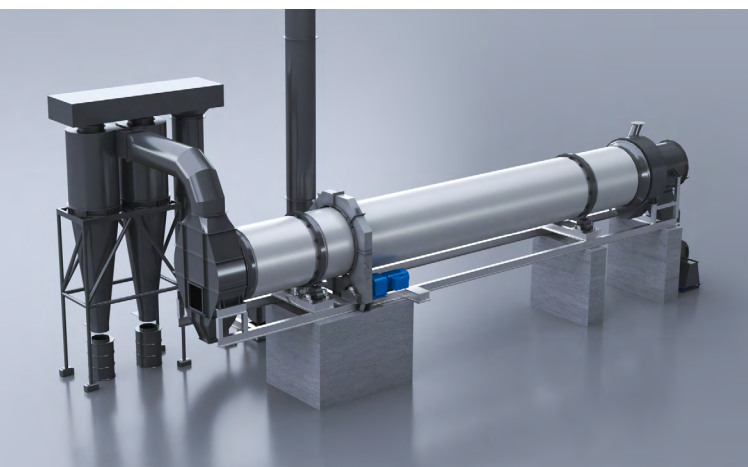
- **Product fully interchangeable with market standard**
- **IE3/NEMA Premium uncompromised efficiency** making it technically ready for premium efficiency applications worldwide.



**Options for high radial and axial loads** making this product suitable for screw conveyors and/or decentralized transmissions.



**Compact design** making it compatible even with severe application constraints.



**Market Best-in-Class in terms of Torque** making the product with the highest torque density of its category.





**AUTOMATIC GATES &  
BARRIERS**



**RECYCLING**



**TEXTILE**



**FOOD & BEVERAGE**



**PACKAGING**



**HEATING, VENTILATION &  
AIR CONDITIONING**



**MATERIAL HANDLING**



**MATERIAL HANDLING**

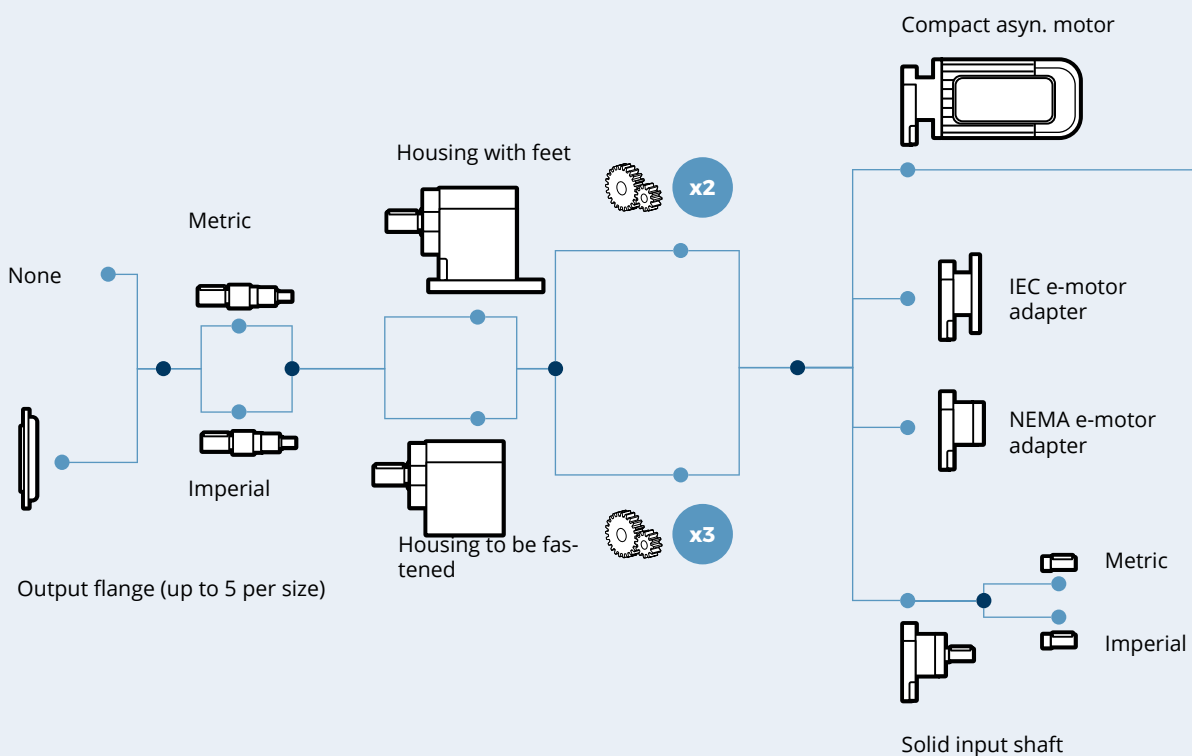
# PRODUCT OVERVIEW

## MODULARITY

Gear Unit – Coaxial CP



These gear unit solutions can meet **all** basic **MKT needs**.  
Soon to be followed by several other products.



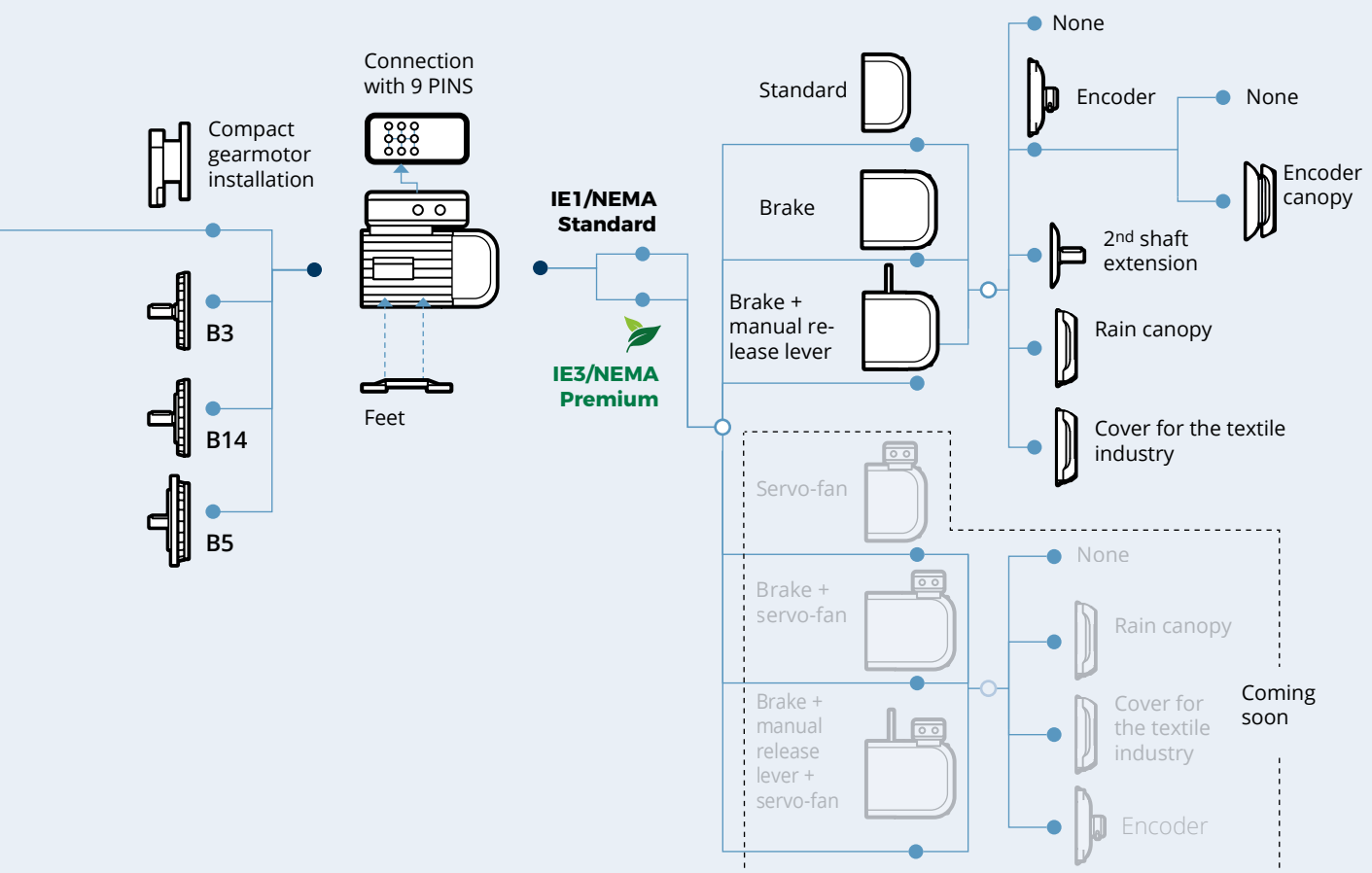
Feet and Flange config available



## Electric Motor – MXN/MNN



Lots of e-motor versions available to perfectly match your application needs.



AC and DC brake are available.



# OUR GLOBAL PRESENCE

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Thanks to an international network of closely interconnected commercial and production sites, we can guarantee the same high standards of Bonfiglioli quality anywhere at any given time. We know that our direct presence in local markets is the key to long-lasting success, so our family includes 20 production sites, 26 commercial sites and more than 550 distributors around the world.

Our organization is always close by, offering complete and efficient solutions and supporting our customers with dedicated services, co-engineering and after-sales assistance.



**20**  
PRODUCTION SITES



**26**  
COMMERCIAL SITES



**80**  
COUNTRIES



**550**  
DISTRIBUTORS



**~4,800**  
PEOPLE

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We have a relentless commitment to excellence, innovation & sustainability. Our team creates, distributes and services world-class power transmission & drive solutions to keep the world in motion.

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