

Explosion Proof Brake Motors

Industrial Motors

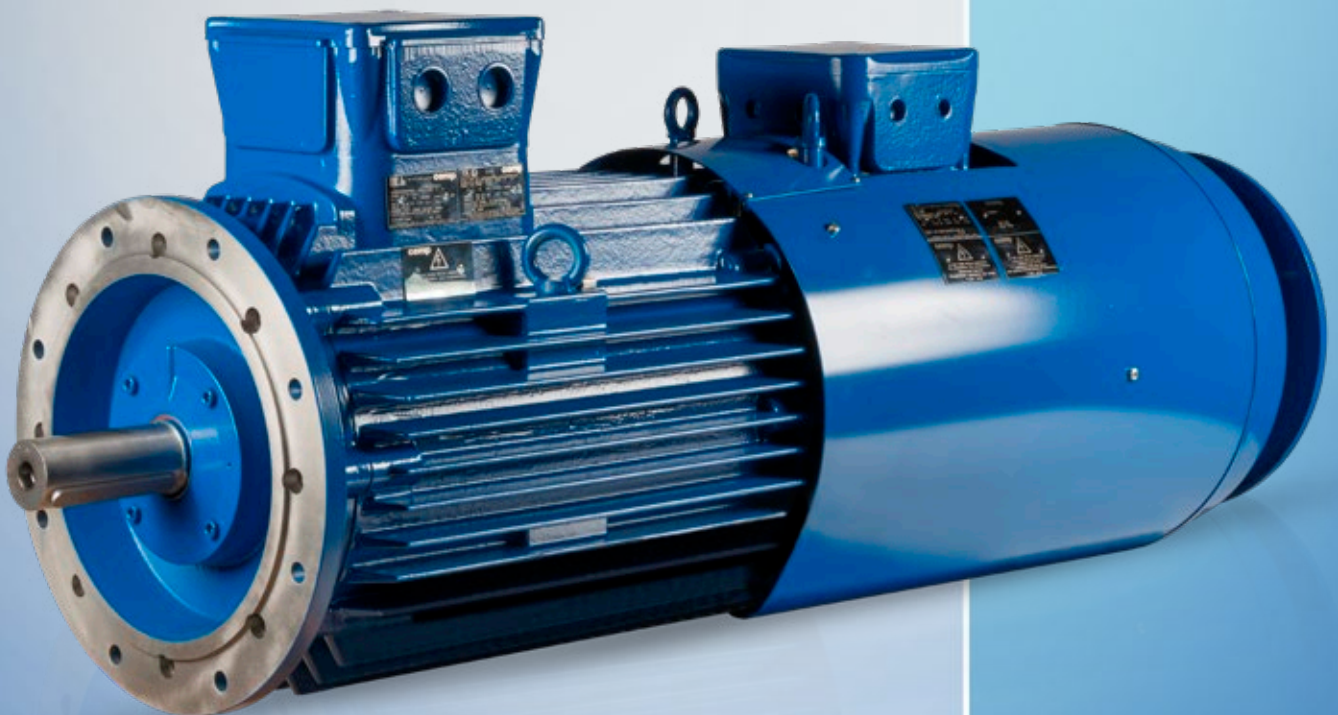
Commercial &
Appliance Motors

Automation &
Systems

Energy

Transmission &
Distribution

Coatings



Options

Main options

IE1 - IE2

- Range frame 63-315
- Single/double speed
- Designed for continuous duty (S1) and non-continuous duty (S2, S3, S4, S6, S9)
- Low temperature design (for 180-315 frame)
- AC and DC brake options with or without rectifier

IE3 - IE4

- -60 °C/+60 °C ambient temperatures
- Up to T6 temperature class
- Wide brake regulation range
- Extended inverter duty range
- Increased starting torque

Special options

- Forced ventilation
- Encoder
- Stainless steel fan cover and rain canopy
- Auxiliary terminal boxes "taylor made"
- Customized C5-M painting
- Hand brake release
- Available IC411
- Space heater/PTC/Pt-100
- Microswitch



Materials on the main components

Frame size	63÷250	280÷355
Frame endshields terminal box	Cast iron EN-GJL-200 (UNI EN 1561)	Cast iron EN-GJL-200 (UNI EN 1561)
Fan cover rain cap	Steel	Steel
Fan	Non sparking thermoplastic material or aluminium Brass for mining application motors	Aluminium Brass for mining application motors
Shaft	Steel C45	Steel C45
Rotor	Squirrel cage in die cast aluminium	Squirrel cage in die cast aluminium
Winding	Insulation class F or H	Insulation class F or H
Fasteners	Galvanized steel 8.8 ISO 898-1 Stainless steel A4 ISO 898-1	Galvanized steel 8.8 ISO 898-1 Stainless steel A4 ISO 898-1
Cable gland (on request)	Brass or stainless steel	Brass or stainless steel
Brake enclosure	Cast iron EN-GJL-200 (UNI EN 1561)	Cast iron EN-GJL-200 (UNI EN 1561)
Brake terminal box	Cast iron EN-GJL-200 (UNI EN 1561)	Cast iron EN-GJL-200 (UNI EN 1561)



The right motor

For your application needs



Crane



Hoist



Lifting system



Bulk handling



Capstan



Winches

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The values shown are subject to change without prior notice.
The information contained is reference values.