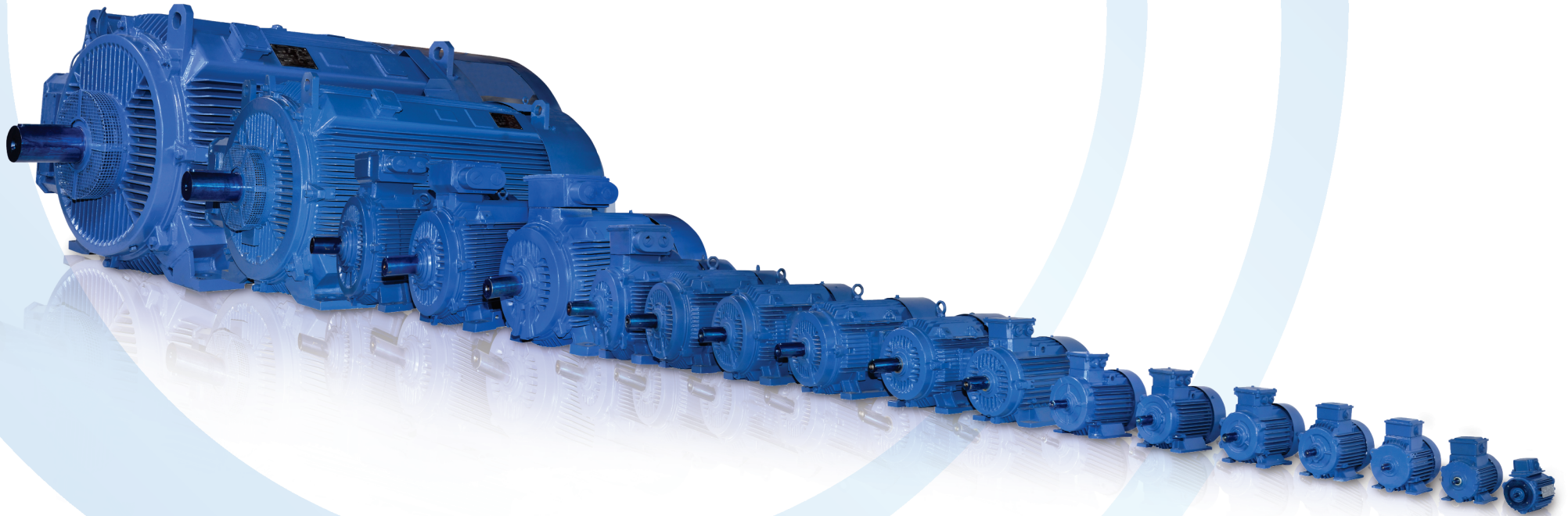


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MOTORS FOR ALL APPLICATIONS 0.12 kW to 1250 kW

Industrial Motors • Hazardous Area Motors • Crane & Hoist Duty Motors

Product Range - Motors

General Technical Specifications - Voltage: 415V ± 10%, Frequency: 50 Hz ± 5% , Combined Variation : ± 10%, Cooling - IC411, Temperature Rise : Limited to Class B, Insulation Class F, Altitude : up to 1000 m above MSL, Rotation - Bi-directional

Motor Type	Frame	Power (kW)	Polarity	Specific Technical Specification	Optional Features	Applications	
Standard Motors IE2 Motors NEW IE3 Motors Large LT Motors (DCCA)	63 to 355 71 to 355 80 to 355 355 to 450	0.18 to 315 0.37 to 375 0.75 to 355 280 to 1250	2, 4, 6, 8 2, 4, 6 2, 4, 6 2, 4, 6, 8	 690V ± 10% from 710kW to 1250kW Non Standard Voltage : 250 - 550V Ambient - 50° C and for DCCA - 40° C Mounting : B3/B5/B35/V1 (B14 upto 132) Mounting (DCCA) : B3/B5/B35 IE2 and DCCA - Inverter Grade Winding Polarity - up to 24 Duty - S1	Double Shaft Extension Shaft Material EN19/EN24/EN57/SS316 Enclosure - IP56/ 65/66 Forced Cooling - 132 to 450 Frame Space Heater - Frame 90 onwards Roller Bearing - 160 Frame onwards High Temperature Grease - Molykote HP 300 (Suitable up to 250°) RTD (Standard for DCCA)	Motors for Inverter Duty Non Std Single Shaft Extension Non Standard Painting Provision for Encoder Mounting Insulation - Class H Low Vibration Insulated Bearing - 160 Frame onwards BTD - 250 Frame & above	Pump, Fan, Compressor, Packaging Machinery, Coiler/De-coiler, Agro Equipment, Food Processing Equipment, Paper Machinery, Agitator, Dairy Equipment, Machine Tool, Air Conditioning, Material Handling, Plastic Machinery, Textile Machinery, Cooling Tower, Crusher, Material Handling
Standard Flame Proof Motors IE2 Flame Proof Motors NEW IE3 Flame Proof Motors	80 to 315 80 to 315 80 to 315	0.37 to 200 0.37 to 200 0.75 to 180	2, 4, 6, 8 2, 4, 6 2, 4, 6	 Ambient - 45° C Non Standard Voltage : 250 - 550V Mounting - B3/B5/B35/V1 Polarity - up to 24 IE2 - Inverter Grade Winding Duty - S1	Double Shaft Extension Shaft Material EN19/EN24/EN57/SS 316 Enclosure - IP56/ 65 Space Heater - Frame 90 onwards Roller Bearing - 160 Frame onwards Intermittent Duty (S3, S4) - 80 to 132 Fr Combined Testing with VFD Thermistor	Motors for Inverter Duty Non Std Single Shaft Extension Non Standard Painting Insulation - Class H Low Vibration Insulated Bearing - 160 Frame onwards	Pump, Fan, Compressor, Material Handling, Agitator, LPG Bottling Plant, Pharma Machinery, Chemical Plant Machinery
Non - Sparking Motors IE2 Non - Sparking Motors Increased Safety Motors	63 to 400 63 to 400 63 to 450	0.12 to 560 0.37 to 375 For details, please contact our sales office	2, 4, 6, 8 2, 4, 6 2, 4, 6, 8	 Ambient - 45° C Non Standard Voltage : 250 - 550V Mounting - B3/B5/B35/V1 (B14 up to 132) Polarity - up to 24 IE2 - Inverter Grade Winding Duty - S1	Double Shaft Extension Shaft Material EN19/EN24/EN57/SS316 Enclosure - IP56/ 65 Space Heater - Frame 90 onwards Roller Bearing - 160 Frame onwards Intermittent Duty (S3, S4) - 80 to 132 Fr Combined Testing with VFD	Motors for Inverter Duty Non Std Single Shaft Extension Non Standard Painting Insulation - Class H Low Vibration Insulated Bearing - 160 Frame onwards Thermistor	Pump, Fan, Compressor, Material Handling, Agitator, Pharma Machinery
Crane & Hoist Duty Motors	71 to 355	0.37 to 400	4, 6, 8	 Ambient - 45° C Non Standard Voltage : 250 - 550V Mounting - B3/B5/B35/V1 (B14 up to 132) Duty - S2/S3/S4/S5 Offered in two Series DOL & Converter Fed	Double Shaft Extension Shaft Material EN19/EN24/EN57/SS316 Enclosure - IP56/ 65 Space Heater - Frame 90 onwards Roller Bearing - 160 Frame onwards BTD - 250 Frame & above Combined Testing with VFD	Motors for Inverter Duty Non Std Single Shaft Extension Non Standard Painting Insulation - Class H Low Vibration Insulated Bearing - 160 Frame onwards	Crane, Hoist, Lift, Material Handling, Car Stacker, Door Opening
Slip Ring Motors	100 to 160	1.1 to 10	4, 6	 Ambient - 45° C Non Standard Voltage : 250 - 550V Mounting - B3/B35 Duty - S2/S3/S4/S5	Non Standard Paint Enclosure - IP56/65	Low Vibration	Crane, Hoist, Lift, Material Handling
Textile Motors - Ring Frame	100 to 160	1.1 to 15	4	 Ambient - 50° C Non Standard Voltage : 250 - 550V Mounting - B3/B5/B35 Duty - S1	Non Standard Paint Motors for Inverter Duty	Insulation Class - H Low Vibration	Ginning, Textile Machinery
Cane Unloader Motors	160 to 225	11 to 30	6	 Ambient - 45° C Start/Stop per Hour - 900 Mounting - B3/B5 Forced Cooling Thermostat Duty - S5, 50% CDF	Non Standard Paint	Insulation Class - H	Cane Loading-Unloading Machine
Brake Motors	71 to 132	0.25 to 9.3	2, 4, 6, 8	 Ambient - 55° C Duty - S1,S2/S3/S4/S5 Mounting - B3/B5 (B14 up to 132) Integral DC Brake	Non Standard Paint Motors for Inverter Duty	Higher Braking Torque	Crane, Textile, Pharma Machinery

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