

Motors in brief

IE2/IE3 cast iron motors, sizes 160 - 250

Motor size		160	180	200	225	250
Stator and end shields	Material	Cast iron				
	Paint color shade	Munsell blue 8B 4.5/3.25				
	Corrosion class	C3 (medium)				
Feet	Material	Integrated cast iron feet, bolted feet when terminal box on LHS/RHS				
Bearings	D-end	6309/C3	6310/C3	6312/C3	6313/C3	6315/C3
	N-end	6209/C3	6209/C3	6210/C3	6212/C3	6213/C3
Axially locked bearings		Locked at D-end				
Bearing seals	D-end	Gamma-ring				
	N-end	V-ring				
Lubrication		Regreasable bearings, regreasing nipples M6x1				
Measuring nipples for condition monitoring of the bearings		Included				
Rating plate	Material	Stainless steel				
Terminal box	Frame and cover	Cast iron				
	Corrosion class	C3 (medium)				
	Cover screws	Zinc-electroplated steel				
Connections	Cable entries	2xM40, 1xM16	2xM63, 1xM16			
	Terminals	6 terminals for connection with cable lugs (not included)				
	Cable glands	Cable flange included, glands as option				
Fan	Material	Glass-fiber reinforced polypropylene				
Fan cover	Material	Steel				
	Paint color shade	Munsell blue 8B 4.5/3.25				
	Corrosion class	C3 (medium)				
Stator winding	Material	Copper				
	Insulation	Insulation class F. Temperature rise class B unless otherwise stated.				
	Winding protection	3 PTC thermistors, 150 °C				
Rotor winding	Material	Pressure die-cast aluminum				
Balancing method		Half-key balancing as standard				
Keyway		Closed keyway				
Drain holes		Drain holes with closable plastic plugs, open on delivery				
Enclosure		IP 55				
Cooling method		IC 411				