Motors in brief
IE2 cast iron motors, sizes 71 - 132

The following tables present the standard design of IE2 cast iron motors.

Motor size		71	80	90	100	112	132
Stator and end shields	Material	Cast iron					
	Paint color shade	Munsell blue 8B 4.5/3.25					
	Corrosion class	C3 (medium)					
Feet		Integrated cast iron feet					
Bearings	D-end	6203-2Z/C3	6204-2Z/C3	6205-2Z/C3	6206-2Z/C3	6206-2Z/C	6208-2Z/C3
	N-end	6202-2Z/C3	6203-2Z/C3	6204-2Z/C3	6205-2Z/C3	6205-2Z/C3 *)	6208-2Z/C3
Axially locked bearings		Locked at D-end					
Bearing seals	D-end	V-ring					
	N-end	Labyrinth seal in IE2, V-ring in IE3					
Lubrication		Permanently lubricated shielded bearings					
Measuring nipples for condition monitoring of the bearings		Not included					
Rating plate	Material	Stainless steel					
Terminal box	Frame and cover	Cast iron					
	Corrosion class	C3 (medium)					
	Cover screws	Zinc-electroplated steel					
Connections	Threaded openings	2xM16	2xM25	2xM32			
	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					

*) 6206-2Z/C3 in IE3