

Motors in brief

IE2/IE3 aluminum motors, sizes 63 - 132

Size	M3AA	63	71	80	90	100	112	132
Stator and end shields	Material	Die-cast aluminum alloy						
	Paint color shade	Munsell blue 8B 4.5/3.25						
	Corrosion class	C3 medium according to ISO/EN 12944-5						
Feet	Material	Integrated aluminum feet						
End shields	Material	Die-cast aluminum alloy						
	Paint color shade	Munsell blue 8B 4.5/3.25						
	Corrosion class	C3 medium according to ISO/EN 12944-5						
Bearings	D-end	6202-2Z/C3	6203-2Z/C3	6204-2Z/C3	6205-2Z/C3	6306-2Z/C3	6306-2Z/C3	6208-2Z/C3 6308-2Z/C3 (SM _L)
	N-end	6201-2Z/C3	6202-2C/C3	6203-2Z/C3	6204-2Z/C3	6205-2Z/C3	6205-2Z/C3	6206-2Z/C3
Axially locked bearings		Locked at D-end with internal retaining ring			Locked at D-end			
Bearing seals	D-end	V-ring						
	N-end	Labyrinth seal						
Lubrication		Permanently lubricated shielded bearing						
		Grease temperature range -40 °C to +160 °C						
Measuring nipples		Not included						
Rating plate	Material	Aluminum						
Terminal box	Frame and cover	Die-cast aluminum alloy, integrated in stator						
	Corrosion class	C3 medium according to ISO/EN 12944-5						
	Cover screws	Zinc-electroplated steel						
Connections	Knock-out openings	1xM16xPg11	2x(M20 + M20)		2x(M20+M25)		2x(M20+M25) ¹⁾ 2x(M40+M32+M12) ²⁾	
	Terminal box	Cable lugs, 6 terminals			6 screw terminals		Cable lugs, 6 terminals	
Fan	Material	Glass-fiber reinforced polypropylene						
Fan cover	Material	Polypropylene						
Stator winding	Material	Copp						
	Insulation	Insulation class F						
	Winding protection	Optional						
Rotor winding	Material	Die-cast aluminum						
Balancing method		Half-key balancin						
Keyway		Closed keyway						
Drain holes		Drain holes with closable plastic plugs, open on delivery						
Enclosure		IP 55						
Cooling method		IC 411						

¹⁾ Types S, SB, M, MA

²⁾ Types SC, MC, SMA - SME