

Model	: FP2SS 112M2 B3 TEFC
Type	: 3 Phase asynchronous
Rotor type	: Aluminium Squirrel Cage
Number of pole's	: 2
Power	: 4,0 kW
Voltage	: 400V / 690V +/-10%

	50 Hz	60 Hz
Speed	2900 min-1	3480 min-1
Current	400V Δ 7,60 A 690V Y 4,40 A	480V Δ 6,30 A 840V Y 3,70 A
Efficiency	88,0 %	88,0 %
Power factor cos φ 100%	0,87	0,87
Tn (Nominal Torque)	13,2 Nm	11,0 Nm
Ts (Starting Torque)	31,0 Nm	25,0 Nm
Tmax (Maximum Torque)	35,0 Nm	29,0 Nm
Is (Starting Current)	400V Δ 50,0 A 690V Y 29,0 A	480V Δ 45,0 A 840V Y 24,2 A

Weight:	: 52,0 Kg
IE class	: IE3
IP class	: IP66
Isolation class	: F (155°C)
Delta K	: 52 K
IEC frame	: IEC 112
Execution type	: B3
Shaft Dimensions	: Ø 28 j6 x 60 mm
Cooling	: TEFC - IC411 (Totally Enclosed Fan Cooled)
Duty Cycle:	: S1 100%
Housing material	: Stainless Steel AISI 304
Bearingshield material	: Stainless Steel AISI 304
Shaft material	: Stainless Steel AISI 304 (With Dertec TTS)
Oil seal material	: High Temperature NBR
Bearings A Side (Shaft side)	: 6306 2RS C3 With HTWR Foodgrade Grease
B Side (Fan Side)	: 6306 2RS C3 With HTWR Foodgrade Grease
Cable gland bore	: 2 x M25 for cable Ø between 11 - 15mm)
Cable gland material	: Stainless Steel AISI 304
Thermal protection	: PTC 135 (PTC) : PT1 135 (Clixon / Thermal contact)
Certification	: UL & CE
Taric Code	: 8501200090
Country of origin	: The Netherlands