

Model	: FP2SS 100L24 B5 TEFC
Type	: 3 Phase asynchronous
Rotor type	: Aluminium Squirrel Cage
Number of pole's	: 4
Power	: 3,0 kW
Voltage	: 230V / 400V +/-10%

	50 Hz	60 Hz
Speed	1460 min-1	1750 min-1
Current	230V Δ 10,3 A 400V Y 5,90 A	276V Δ 8,52 A 480V Y 4,92 A
Efficiency	87,4 %	87,4 %
Power factor cos φ 100%	0,84	0,84
Tn (Nominal Torque)	19,6 Nm	16,3 Nm
Ts (Starting Torque)	43,2 Nm	36,0 Nm
Tmax (Maximum Torque)	50,0 Nm	41,0 Nm
Is (Starting Current)	230V Δ 67,0 A 400V Y 38,0 A	276V Δ 55,0 A 480V Y 32,0 A

Weight:	: 49 Kg
IE class	: IE3
IP class	: IP66
Isolation class	: F (155°C)
Delta K	: 72 K
IEC frame	: IEC 100
Execution type	: B5 (Flange 250mm)
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