

Model	: FP2SS 100L2 B3 TEFC
Type	: 3 Phase asynchronous
Rotor type	: Aluminium Squirrel Cage
Number of pole's	: 2
Power	: 3,0 kW
Voltage	: 230V / 400V +/-10%

	50 Hz	60 Hz
Speed	2910 min-1	3490 min-1
Current	230V Δ 9,57 A 400V Y 5,52 A	276V Δ 7,97 A 480V Y 4,60 A
Efficiency	87,1 %	87,1 %
Power factor cos φ 100%	0,90	0,90
Tn (Nominal Torque)	9,85 Nm	8,20 Nm
Ts (Starting Torque)	22,7 Nm	18,9 Nm
Tmax (Maximum Torque)	24,6 Nm	20,5 Nm
Is (Starting Current)	230V Δ 70,0 A 400V Y 40,0 A	276V Δ 58,0 A 480V Y 34,0 A

Weight:	: 44,0 Kg
IE class	: IE3
IP class	: IP66
Isolation class	: F (155°C)
Delta K	: 73 K
IEC frame	: IEC 100
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