

Model	: FP2SS 100L16 B5 TEFC
Type	: 3 Phase asynchronous
Rotor type	: Aluminium Squirrel Cage
Number of pole's	: 6
Power	: 1,5 kW
Voltage	: 230,V / 400V +/-10%

	50 Hz	60 Hz
Speed	940 min-1	1130 min-1
Current	230V Δ 6,20 A 400V Y 3,60 A	276V Δ 5,17 A 480V Y 3,00 A
Efficiency	84,0 %	84,0 %
Power factor cos φ 100%	0,72	0,72
Tn (Nominal Torque)	15,24 Nm	12,7 Nm
Ts (Starting Torque)	28,0 Nm	23,0 Nm
Tmax (Maximum Torque)	34,0 Nm	29,0 Nm
Is (Starting Current)	230V Δ 31,0 A 400V Y 18,0 A	276V Δ 26,0 A 480V Y 15,0 A

Weight:	: 42 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