

Model	: FP2SS 90S2 B5T1 TEFC
Type	: 3 Phase asynchronous
Rotor type	: Aluminium Squirrel Cage
Number of pole's	: 2
Power	: 1,5 kW
Voltage	: 230V / 400V +/-10%

50 Hz**60 Hz**

	50 Hz	60 Hz
Speed	2880 min-1	3450 min-1
Current	230V Δ 5,25 A 400V Y 3,03 A	276V Δ 4,38 A 480V Y 2,53 A
Efficiency	85,0 %	85,0 %
Power factor cos φ 100%	0,84	0,84
Tn (Nominal Torque)	4,97 Nm	4,14 Nm
Ts (Starting Torque)	11,0 Nm	9,20 Nm
Tmax (Maximum Torque)	12,0 Nm	10,0 Nm
Is (Starting Current)	230V Δ 38,3 A 400V Y 22,2 A	276V Δ 32,0 A 480V Y 18,5 A

Weight:	: 24,0 Kg
IE class	: IE3
IP class	: IP66
Isolation class	: F (155°C)
Delta K	: 62 K
IEC frame	: IEC 90
Execution type	: B5T1 (Flange 120mm)
Shaft Dimensions	: Ø 14 j6
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) : 6205 2RS C3 With HTWR Foodgrade Grease B Side (Fan Side) : 6205 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