

Model	: FP2SS 90L4 B5T2 TEFC
Type	: 3 Phase asynchronous
Rotor type	: Aluminium Squirrel Cage
Number of pole's	: 4
Power	: 1,5 kW
Voltage	: 230V / 400V +/-10%

	50 Hz	60 Hz
Speed	1460 min-1	1750 min-1
Current	230V Δ 5,43 A 400V Y 3,13 A	276V Δ 4,52 A 480V Y 2,61 A
Efficiency	86,4 %	86,4 %
Power factor cos φ 100%	0,80	0,80
Tn (Nominal Torque)	9,81 Nm	8,18 Nm
Ts (Starting Torque)	23,0 Nm	19,6 Nm
Tmax (Maximum Torque)	30,0 Nm	24,5 Nm
Is (Starting Current)	230V Δ 32,0 A 400V Y 18,8 A	276V Δ 28,0 A 480V Y 15,7 A

Weight:	: 28 Kg
IE class	: IE3
IP class	: IP66
Isolation class	: F (155°C)
Delta K	: 72 K
IEC frame	: IEC 90
Execution type	: B5T2 (Flange 160mm)
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