

Model	: FP2SS 90S4 B5 TEFC
Type	: 3 Phase asynchronous
Rotor type	: Aluminium Squirrel Cage
Number of pole's	: 4
Power	: 1,1 kW
Voltage	: 230V / 400V +/-10%

50 Hz**60 Hz**

	50 Hz	60 Hz
Speed	1460 min-1	1750 min-1
Current	230V Δ 4,03 A 400V Y 2,32 A	276V Δ 3,36 A 480V Y 1,94 A
Efficiency	84,3 %	84,3 %
Power factor cos φ 100%	0,81	0,81
Tn (Nominal Torque)	7,20 Nm	6,00 Nm
Ts (Starting Torque)	16,6 Nm	13,8 Nm
Tmax (Maximum Torque)	20,0 Nm	16,8 Nm
Is (Starting Current)	230V Δ 24,0 A 400V Y 14,0 A	276V Δ 20,2 A 480V Y 12,0 A

Weight:	: 24 Kg
IE class	: IE3
IP class	: IP66
Isolation class	: F (155°C)
Delta K	: 72 K
IEC frame	: IEC 90
Execution type	: B5 (Flange 200mm)
Shaft Dimensions	: Ø 24 j6 x 50 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) : 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