

Model : **FP2SS 90S4 B3 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

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 : B3
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