

Model : **FP2SS 90S2 B5 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

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 : 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