

<b>Model</b>	<b>: FP2SS 90L4 B5T1 TEFC</b>
<b>Type</b>	: 3 Phase asynchronous
<b>Rotor type</b>	: Aluminium Squirrel Cage
<b>Number of pole's</b>	: 4
<b>Power</b>	: 1,5 kW
<b>Voltage</b>	: 230V / 400V +/-10%

**50 Hz****60 Hz**

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

<b>Weight:</b>	: 28 Kg
<b>IE class</b>	: IE3
<b>IP class</b>	: IP66
<b>Isolation class</b>	: F (155°C)
<b>Delta K</b>	: 72 K
<b>IEC frame</b>	: IEC 90
<b>Execution type</b>	: B5T1 (Flange 120mm)
<b>Shaft Dimensions</b>	: Ø 14 j6
<b>Cooling</b>	: TEFC - IC411 (Totally Enclosed Fan Cooled)
<b>Duty Cycle:</b>	: S1 100%
<b>Housing material</b>	: Stainless Steel AISI 304
<b>Bearingshield material</b>	: Stainless Steel AISI 304
<b>Shaft material</b>	: Stainless Steel AISI 304 (With Dertec TTS)
<b>Oil seal material</b>	: High Temperature NBR
<b>Bearings</b>	<b>A Side</b> (Shaft side) : 6205 2RS C3 With HTWR Foodgrade Grease <b>B Side</b> (Fan Side) : 6205 2RS C3 With HTWR Foodgrade Grease
<b>Cable gland bore</b>	: 2 x M25 for cable Ø between 11- 15mm)
<b>Cable gland material</b>	: Stainless Steel AISI 304
<b>Thermal protection</b>	: PTC 135 (PTC) : PT1 135 (Clixon / Thermal contact)
<b>Certification</b>	: UL & CE
<b>Taric Code</b>	: 8501200090
<b>Country of origin</b>	: The Netherlands