

<b>Model</b>	<b>: FP2SS 90S2 B14A TEFC</b>
<b>Type</b>	<b>: 3 Phase asynchronous</b>
<b>Rotor type</b>	<b>: Aluminium Squirrel Cage</b>
<b>Number of pole's</b>	<b>: 2</b>
<b>Power</b>	<b>: 1,5 kW</b>
<b>Voltage</b>	<b>: 230V / 400V +/-10%</b>

	<b>50 Hz</b>	<b>60 Hz</b>
<b>Speed</b>	2880 min-1	3450 min-1
<b>Current</b>	<b>230V Δ</b> 5,25 A <b>400V Y</b> 3,03 A	<b>276V Δ</b> 4,38 A <b>480V Y</b> 2,53 A
<b>Efficiency</b>	85,0 %	85,0 %
<b>Power factor cos φ</b> 100%	0,84	0,84
<b>Tn</b> (Nominal Torque)	4,97 Nm	4,14 Nm
<b>Ts</b> (Starting Torque)	11,0 Nm	9,20 Nm
<b>Tmax</b> (Maximum Torque)	12,0 Nm	10,0 Nm
<b>Is</b> (Starting Current)	<b>230V Δ</b> 38,3 A <b>400V Y</b> 22,2 A	<b>276V Δ</b> 32,0 A <b>480V Y</b> 18,5 A

<b>Weight:</b>	<b>: 24,0 Kg</b>
<b>IE class</b>	<b>: IE3</b>
<b>IP class</b>	<b>: IP66</b>
<b>Isolation class</b>	<b>: F (155°C)</b>
<b>Delta K</b>	<b>: 62 K</b>
<b>IEC frame</b>	<b>: IEC 90</b>
<b>Execution type</b>	<b>: B14A (Flange 140mm)</b>
<b>Shaft Dimensions</b>	<b>: Ø 24 j6 x 50 mm</b>
<b>Cooling</b>	<b>: TEFC - IC411 (Totally Enclosed Fan Cooled)</b>
<b>Duty Cycle:</b>	<b>: S1 100%</b>
<b>Housing material</b>	<b>: Stainless Steel AISI 304</b>
<b>Bearingshield material</b>	<b>: Stainless Steel AISI 304</b>
<b>Shaft material</b>	<b>: Stainless Steel AISI 304 (With Dertec TTS)</b>
<b>Oil seal material</b>	<b>: High Temperature NBR</b>
<b>Bearings</b>	<b>A Side (Shaft side)</b> : 6205 2RS C3 With HTWR Foodgrade Grease <b>B Side (Fan Side)</b> : 6205 2RS C3 With HTWR Foodgrade Grease
<b>Cable gland bore</b>	<b>: 2 x M25 for cable Ø between 11 - 15mm)</b>
<b>Cable gland material</b>	<b>: Stainless Steel AISI 304</b>
<b>Thermal protection</b>	<b>: PTC 135 (PTC)</b> <b>: PT1 135 (Clixon / Thermal contact)</b>
<b>Certification</b>	<b>: UL &amp; CE</b>
<b>Taric Code</b>	<b>: 8501200090</b>
<b>Country of origin</b>	<b>: The Netherlands</b>