

<b>Model</b>	<b>: FP2SS 100L2 B5 TENV</b>
<b>Type</b>	: 3 Phase asynchronous
<b>Rotor type</b>	: Aluminium Squirrel Cage
<b>Number of pole's</b>	: 2
<b>Power</b>	: 3,0 kW
<b>Voltage</b>	: 230V / 400V +/-10%

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

	<b>50 Hz</b>	<b>60 Hz</b>
<b>Speed</b>	2910 min-1	3490 min-1
<b>Current</b>	<b>230V Δ</b> 9,57 A <b>400V Y</b> 5,52 A	<b>276V Δ</b> 7,97 A <b>480V Y</b> 4,60 A
<b>Efficiency</b>	87,1 %	87,1 %
<b>Power factor cos φ</b> 100%	0,90	0,90
<b>Tn</b> (Nominal Torque)	9,85 Nm	8,20 Nm
<b>Ts</b> (Starting Torque)	22,7 Nm	18,9 Nm
<b>Tmax</b> (Maximum Torque)	24,6 Nm	20,5 Nm
<b>Is</b> (Starting Current)	<b>230V Δ</b> 70,0 A <b>400V Y</b> 40,0 A	<b>276V Δ</b> 58,0 A <b>480V Y</b> 34,0 A

<b>Weight:</b>	: 44,0 Kg
<b>IE class</b>	: IE3
<b>IP class</b>	: IP66
<b>Isolation class</b>	: F (155°C)
<b>Delta K</b>	: 73 K
<b>IEC frame</b>	: IEC 100
<b>Execution type</b>	: B5 (Flange 250mm)
<b>Shaft Dimensions</b>	: Ø 28 j6 x 60 mm
<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) : 6306 2RS C3 With HTWR Foodgrade Grease <b>B Side</b> (Fan Side) : 6306 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