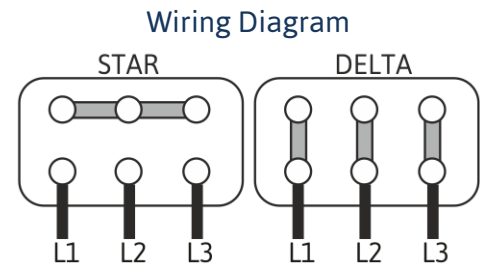


<b>Three-phase Motor Type*</b>	1TZ9003-0EC02-2_A4	6pole			
<b>Area</b>	Safe Area				
<b>Environmental Conditions</b>	-20°C to +40°C, up to 1000 metres above sea level				
<b>Rated Voltage</b>	230/400V 50Hz, 460VY 60Hz				
<b>Output at 50Hz</b>	0.75 kW				
<b>Output at 60Hz</b>	0.86 kW				
<b>Frame Size</b>	90S Aluminium frame, cast iron endshields/flanges				
<b>Speed at 50Hz</b>	945 rpm				
<b>Speed at 60Hz</b>	1140 rpm				
<b>Current at 380V 50Hz</b>	1.98A				
<b>Current at 400V 50Hz</b>	1.96A				
<b>Current at 415V 50Hz</b>	1.81A				
<b>Current at 460V 60Hz</b>	1.87A				
<b>Efficiency Class (at 50Hz)</b>	IE3				
<b>Percentage Load</b>	<b>125%</b>	<b>100%</b>	<b>75%</b>	<b>50%</b>	<b>25%</b>
<b>Efficiency at 50Hz</b>	76.5%	<b>78.9%</b>	80.0%	78.8%	70.8%
<b>Efficiency at 60Hz</b>	80.7%	<b>82.5%</b>	83.2%	81.7%	73.6%
<b>Power factor (cos fi) at 50Hz</b>	0.75	<b>0.70</b>	0.62	0.50	0.32
<b>Power factor (cos fi) at 60Hz</b>	0.75	<b>0.70</b>	0.62	0.50	0.32
<b>Rated Torque at 50Hz</b>	7.6 Nm				
<b>Rated Torque at 60Hz</b>	7.2 Nm				
<b>Duty Cycle</b>	S1				
<b>Starting Current Ratio</b>	4.6 (50Hz)				
<b>Starting Torque Ratio</b>	2.2 (50Hz)				
<b>Breakdown Torque Ratio</b>	2.6 (50Hz)				
<b>Internal Protection / Cooling</b>	IP55 / IC411 (TEFC)				
<b>Insulation Class</b>	F (155°C), temperature rise B (80k)				
<b>Acoustic Pressure</b>	43 dB(A) at 50Hz speed / 46 dB(A) at 60Hz speed				
<b>Standard Mountings</b>	B3, B5, B3/B5, B14A, B3/B14A, B14B, B3/B14B				
<b>Weight</b>	16. kg				
<b>Moment of Inertia</b>	0.0033 kgm <sup>2</sup>				
<b>Bearing DE/NDE</b>	6205 2Z C3 / 6004 2Z C3 (Bearing located at NDE)				
<b>Bearing Lubrication</b>	Esso Unirex N3				



\*The 16th digit of the Type Number denominates the motor mounting.