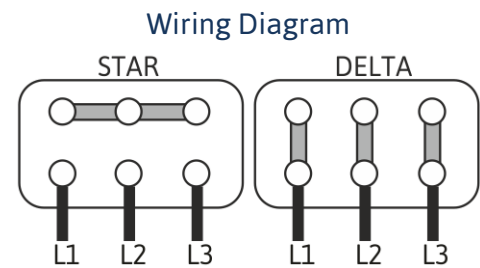


<b>Three-phase Motor Type*</b>	1TZ9503-3AC53-4_A4	6pole			
<b>Area</b>	Safe Area				
<b>Environmental Conditions</b>	-20°C to +40°C, up to 1000 metres above sea level				
<b>Rated Voltage</b>	400/690V 50Hz, 460VD 60Hz				
<b>Output at 50Hz</b>	132. kW				
<b>Output at 60Hz</b>	158. kW				
<b>Frame Size</b>	315L cast iron				
<b>Speed at 50Hz</b>	991 rpm				
<b>Speed at 60Hz</b>	1190 rpm				
<b>Current at 380V 50Hz</b>	251.A				
<b>Current at 400V 50Hz</b>	240.A				
<b>Current at 415V 50Hz</b>	229.A				
<b>Current at 460V 60Hz</b>	245.A				
<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>	94.7%	<b>95.4%</b>	95.9%	95.8%	94.0%
<b>Efficiency at 60Hz</b>	94.3%	<b>95.0%</b>	95.5%	95.4%	93.7%
<b>Power factor (cos fi) at 50Hz</b>	0.85	<b>0.84</b>	0.80	0.71	0.50
<b>Power factor (cos fi) at 60Hz</b>	0.87	<b>0.85</b>	0.83	0.75	0.55
<b>Rated Torque at 50Hz</b>	1272. Nm				
<b>Rated Torque at 60Hz</b>	1268. Nm				
<b>Duty Cycle</b>	S1				
<b>Starting Current Ratio</b>	7.2 (50Hz)				
<b>Starting Torque Ratio</b>	2.7 (50Hz)				
<b>Breakdown Torque Ratio</b>	3.0 (50Hz)				
<b>Internal Protection / Cooling</b>	IP55 / IC411 (TEFC)				
<b>Insulation Class</b>	F (155°C), temperature rise B (80k)				
<b>Acoustic Pressure</b>	60 dB(A) at 50Hz speed / 62 dB(A) at 60Hz speed				
<b>Standard Mountings</b>	B3, B3/B5, V1				
<b>Weight</b>	1110. kg				
<b>Moment of Inertia</b>	4.4 kgm <sup>2</sup>				
<b>Bearing DE/NDE</b>	6319 C3 / 6319 C3 (Bearing located at NDE)				
<b>Bearing Lubrication</b>	Esso Unirex N3				



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