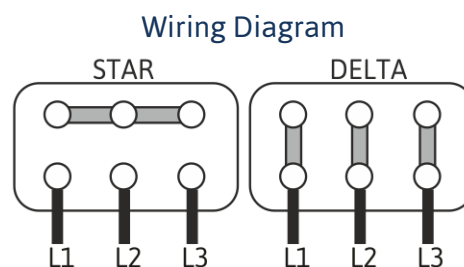


Three-phase Motor Type*	1TZ9503-2AA53-4_A4	2pole			
Area	Safe Area				
Environmental Conditions	-20°C to +40°C, up to 1000 metres above sea level				
Rated Voltage	400/690V 50Hz, 460VD 60Hz				
Output at 50Hz	37. kW				
Output at 60Hz	41.5 kW				
Frame Size	200L cast iron				
Speed at 50Hz	2955 rpm				
Speed at 60Hz	3555 rpm				
Current at 380V 50Hz	68.A				
Current at 400V 50Hz	65.A				
Current at 415V 50Hz	63.A				
Current at 460V 60Hz	63.A				
Efficiency Class (at 50Hz)	IE3				
Percentage Load	125%	100%	75%	50%	25%
Efficiency at 50Hz	92.9%	93.7%	94.2%	94.0%	91.3%
Efficiency at 60Hz	92.9%	93.6%	93.9%	93.4%	90.2%
Power factor (cos fi) at 50Hz	0.89	0.88	0.85	0.78	0.58
Power factor (cos fi) at 60Hz	0.90	0.89	0.87	0.80	0.61
Rated Torque at 50Hz	120. Nm				
Rated Torque at 60Hz	111. Nm				
Duty Cycle	S1				
Starting Current Ratio	7.1 (50Hz)				
Starting Torque Ratio	2.5 (50Hz)				
Breakdown Torque Ratio	3.2 (50Hz)				
Internal Protection / Cooling	IP55 / IC411 (TEFC)				
Insulation Class	F (155°C), temperature rise B (80k)				
Acoustic Pressure	67 dB(A) at 50Hz speed / 77 dB(A) at 60Hz speed				
Standard Mountings	B3, B5, B3/B5				
Weight	250. kg				
Moment of Inertia	0.158 kgm ²				
Bearing DE/NDE	6312 Z C3 / 6312 Z C3 (Bearing located at NDE)				
Bearing Lubrication	Esso Unirex N3				



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