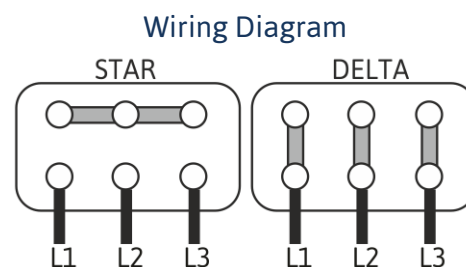


Three-phase Motor Type*	1TZ9503-2AD53-4_A4	8pole			
Area	Safe Area				
Environmental Conditions	-20°C to +40°C, up to 1000 metres above sea level				
Rated Voltage	400/690V 50Hz, 460VD 60Hz				
Output at 50Hz	15. kW				
Output at 60Hz	18. kW				
Frame Size	200L Cast iron				
Speed at 50Hz	730 rpm				
Speed at 60Hz	875 rpm				
Current at 380V 50Hz	34.9A				
Current at 400V 50Hz	33.5A				
Current at 415V 50Hz	31.9A				
Current at 460V 60Hz	33.5A				
Efficiency Class (at 50Hz)	IE3				
Percentage Load	125%	100%	75%	50%	25%
Efficiency at 50Hz	88.6%	89.6%	90.1%	89.4%	85.0%
Efficiency at 60Hz	89.2%	90.2%	90.7%	90.3%	86.6%
Power factor (cos fi) at 50Hz	0.78	0.73	0.65	0.53	0.32
Power factor (cos fi) at 60Hz	0.78	0.74	0.67	0.55	0.35
Rated Torque at 50Hz	196. Nm				
Rated Torque at 60Hz	196. Nm				
Duty Cycle	S1				
Starting Current Ratio	6.8 (50Hz)				
Starting Torque Ratio	3.0 (50Hz)				
Breakdown Torque Ratio	3.7 (50Hz)				
Internal Protection / Cooling	IP55 / IC411 (TEFC)				
Insulation Class	F (155°C), temperature rise B (80k)				
Acoustic Pressure	57 dB(A) at 50Hz speed / 60 dB(A) at 60Hz speed				
Standard Mountings	B3, B5, B3/B5				
Weight	255. kg				
Moment of Inertia	0.42 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.