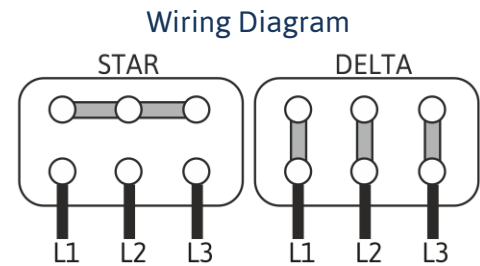


Three-phase Motor Type*	1TZ9503-1ED43-4_A4	8pole			
Area	Safe Area				
Environmental Conditions	-20°C to +40°C, up to 1000 metres above sea level				
Rated Voltage	400/690V 50Hz, 460VD 60Hz				
Output at 50Hz	11. kW				
Output at 60Hz	13.2 kW				
Frame Size	180L Cast iron				
Speed at 50Hz	725 rpm				
Speed at 60Hz	870 rpm				
Current at 380V 50Hz	25.5A				
Current at 400V 50Hz	24.A				
Current at 415V 50Hz	23.4A				
Current at 460V 60Hz	24.5A				
Efficiency Class (at 50Hz)	IE3				
Percentage Load	125%	100%	75%	50%	25%
Efficiency at 50Hz	86.9%	88.6%	89.7%	89.6%	86.1%
Efficiency at 60Hz	87.7%	89.5%	90.6%	90.8%	87.7%
Power factor (cos fi) at 50Hz	0.48	0.74	0.87	0.94	0.97
Power factor (cos fi) at 60Hz	0.77	0.75	0.71	0.61	0.41
Rated Torque at 50Hz	145. Nm				
Rated Torque at 60Hz	145. Nm				
Duty Cycle	S1				
Starting Current Ratio	5.1 (50Hz)				
Starting Torque Ratio	2.1 (50Hz)				
Breakdown Torque Ratio	2.4 (50Hz)				
Internal Protection / Cooling	IP55 / IC411 (TEFC)				
Insulation Class	F (155°C), temperature rise B (80k)				
Acoustic Pressure	61 dB(A) at 50Hz speed / 65 dB(A) at 60Hz speed				
Standard Mountings	B3, B5, B3/B5				
Weight	190. kg				
Moment of Inertia	0.267 kgm ²				
Bearing DE/NDE	6310 Z C3 / 6310 Z C3 (Bearing located at NDE)				
Bearing Lubrication	Esso Unirex N3				



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