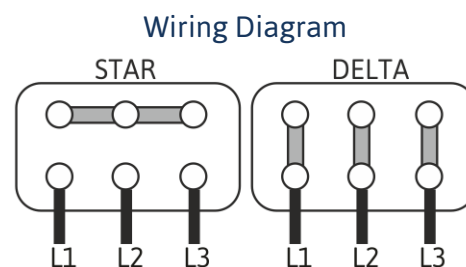


Three-phase Motor Type*	1TZ9003-1DA23-4_A4	2pole			
Area	Safe Area				
Environmental Conditions	-20°C to +40°C, up to 1000 metres above sea level				
Rated Voltage	400/690V 50Hz, 460VD 60Hz				
Output at 50Hz	11. kW				
Output at 60Hz	12.6 kW				
Frame Size	160M Aluminium frame, cast iron endshields/flanges				
Speed at 50Hz	2955 rpm				
Speed at 60Hz	3555 rpm				
Current at 380V 50Hz	21.1A				
Current at 400V 50Hz	19.6A				
Current at 415V 50Hz	19.3A				
Current at 460V 60Hz	19.5A				
Efficiency Class (at 50Hz)	IE3				
Percentage Load	125%	100%	75%	50%	25%
Efficiency at 50Hz	90.7%	91.2%	91.0%	89.5%	83.1%
Efficiency at 60Hz	90.6%	91.0%	90.7%	89.0%	82.4%
Power factor (cos fi) at 50Hz	0.90	0.89	0.86	0.78	0.59
Power factor (cos fi) at 60Hz	0.90	0.89	0.87	0.80	0.62
Rated Torque at 50Hz	36. Nm				
Rated Torque at 60Hz	34. Nm				
Duty Cycle	S1				
Starting Current Ratio	7.9 (50Hz)				
Starting Torque Ratio	2.4 (50Hz)				
Breakdown Torque Ratio	3.8 (50Hz)				
Internal Protection / Cooling	IP55 / IC411 (TEFC)				
Insulation Class	F (155°C), temperature rise B (80k)				
Acoustic Pressure	70 dB(A) at 50Hz speed / 77 dB(A) at 60Hz speed				
Standard Mountings	B3, B5, B3/B5, B14A, B3/B14A				
Weight	75. kg				
Moment of Inertia	0.053 kgm ²				
Bearing DE/NDE	6309 2Z C3 / 6309 2Z C3 (Bearing located at NDE)				
Bearing Lubrication	Esso Unirex N3				



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