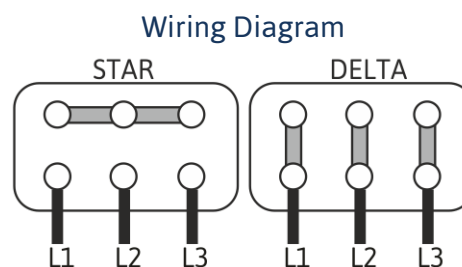


Three-phase Motor Type*	1TZ9003-0EA42-2_A4	2pole			
Area	Safe Area				
Environmental Conditions	-20°C to +40°C, up to 1000 metres above sea level				
Rated Voltage	230/400V 50Hz, 460V 60Hz				
Output at 50Hz	2.2 kW				
Output at 60Hz	2.55 kW				
Frame Size	90L Aluminium frame, cast iron endshields/flanges				
Speed at 50Hz	2910 rpm				
Speed at 60Hz	3510 rpm				
Current at 380V 50Hz	4.4A				
Current at 400V 50Hz	4.2A				
Current at 415V 50Hz	4.1A				
Current at 460V 60Hz	4.2A				
Efficiency Class (at 50Hz)	IE3				
Percentage Load	125%	100%	75%	50%	25%
Efficiency at 50Hz	84.4%	85.9%	86.8%	86.1%	80.2%
Efficiency at 60Hz	85.4%	86.5%	87.0%	85.9%	79.3%
Power factor (cos fi) at 50Hz	0.91	0.88	0.83	0.73	0.51
Power factor (cos fi) at 60Hz	0.90	0.88	0.84	0.75	0.54
Rated Torque at 50Hz	7.2 Nm				
Rated Torque at 60Hz	6.9 Nm				
Duty Cycle	S1				
Starting Current Ratio	8.3 (50Hz)				
Starting Torque Ratio	2.6 (50Hz)				
Breakdown Torque Ratio	4.0 (50Hz)				
Internal Protection / Cooling	IP55 / IC411 (TEFC)				
Insulation Class	F (155°C), temperature rise B (80k)				
Acoustic Pressure	65 dB(A) at 50Hz speed / 69 dB(A) at 60Hz speed				
Standard Mountings	B3, B5, B3/B5, B14A, B3/B14A, B14B, B3/B14B				
Weight	19. kg				
Moment of Inertia	0.0021 kgm ²				
Bearing DE/NDE	6205 2Z C3 / 6004 2Z C3 (Bearing located at NDE)				
Bearing Lubrication	Esso Unirex N3				



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