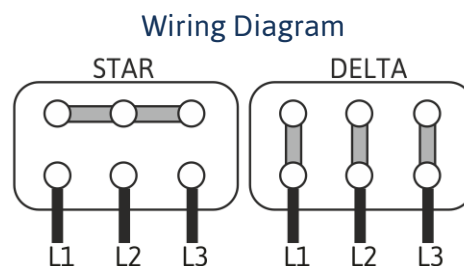


Three-phase Motor Type*	1TZ9001-0EA02-2_A4	2pole
Area	Safe Area	
Environmental Conditions	-20°C to +40°C, up to 1000 metres above sea level	
Rated Voltage	230/400V 50Hz, 460VY 60Hz	
Output at 50Hz	1.5 kW	
Output at 60Hz	1.75 kW	
Frame Size	90S Aluminium frame, cast iron endshields/flanges	
Speed at 50Hz	2900 rpm	
Speed at 60Hz	3480 rpm	
Current at 380V 50Hz	3.34A	
Current at 400V 50Hz	3.15A	
Current at 415V 50Hz	3.06A	
Current at 460V 60Hz	3.1A	
Efficiency Class	IE2	
Percentage Load	100%	75% 50%
Efficiency at 50Hz	81.3%	81.7% 79.7%
Efficiency at 60Hz	84.0%	84.4% 82.6%
Power factor (cos fi) at 50Hz	0.84	
Power factor (cos fi) at 60Hz	0.85	
Rated Torque at 50Hz	5. Nm	
Rated Torque at 60Hz	4.8 Nm	
Duty Cycle	S1	
Starting Current Ratio	6.9 (50Hz)	
Starting Torque Ratio	2.7 (50Hz)	
Breakdown Torque Ratio	3.6 (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	13. kg	
Moment of Inertia	0.0017 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.