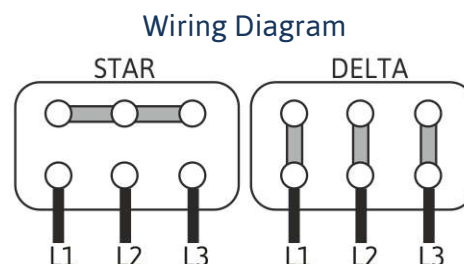


Three-phase Motor Type*	1TZ5503-3AD83-4_B3	8pole			
Area	Safe Area				
Environmental Conditions	-20°C to +40°C, up to 1000 metres above sea level				
Rated Voltage	400/690V 50Hz, 460VD 60Hz				
Output at 50Hz	200. kW				
Output at 60Hz	240. kW				
Frame Size	315L cast iron				
Speed at 50Hz	742 rpm				
Speed at 60Hz	891 rpm				
Current at 380V 50Hz	410.A				
Current at 400V 50Hz	390.A				
Current at 415V 50Hz	375.A				
Current at 460V 60Hz	400.A				
Efficiency Class (at 50Hz)	IE3				
Percentage Load	125%	100%	75%	50%	25%
Efficiency at 50Hz	94.1%	94.6%	94.8%	94.5%	92.4%
Efficiency at 60Hz	94.4%	95.0%	95.4%	95.3%	93.6%
Power factor (cos fi) at 50Hz	0.81	0.78	0.72	0.61	0.39
Power factor (cos fi) at 60Hz	0.83	0.79	0.75	0.64	0.41
Rated Torque at 50Hz	2574 Nm				
Rated Torque at 60Hz	2572 Nm				
Duty Cycle	S1				
Starting Current Ratio	6.7 (50Hz)				
Starting Torque Ratio	2.7 (50Hz)				
Breakdown Torque Ratio	2.9 (50Hz)				
Internal Protection / Cooling	IP55 / IC411 (TEFC)				
Thermal Protection	3x PTC				
Insulation Class	F (155°C), temperature rise B (80k)				
Acoustic Pressure	72 dB(A) at 50Hz speed / 65 dB(A) at 60Hz speed				
Standard Mountings	B3, B3/B5, V1				
Weight	1660. kg				
Moment of Inertia	8.5 kgm ²				
Bearing DE/NDE	6319 C4 / 6319 C4 (vertical: 7319) (Bearing located at NDE)				
Bearing Lubrication	Esso Unirex N3				



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