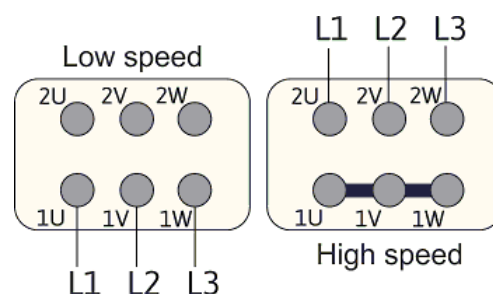


Three-phase Motor Type*	1TZ9511-1ER43-4_A4	
Area	Safe Area	
Environmental Conditions	-20°C to +40°C, up to 1000 metres above sea level	
Motor duty	fan duty	
Rated Voltage	400V 50Hz	
Frame Size	180L Cast Iron Frame	
Pole size	8 pole	4 pole
Output at 50Hz	5. kW	18.5 kW
Speed at 50Hz	730 rpm	1475 rpm
Current at 400V 50Hz	15.2A	35.5A
Efficiency	83.5%	90.5%
Power factor (cos ϕ)	0.57	0.83
Rated Torque	65. Nm	120. Nm
Starting Current Ratio	4.5	8.5
Starting Torque Ratio	1.9	2.5
Breakdown Torque Ratio	2.5	3.8
Duty Cycle	S1	
Internal Protection / Cooling	IP55 / IC411 (TEFC)	
Insulation Class	F (155°C) / temperature rise B (80K)	
Standard Mountings	B3, B5, B3/B5, V1	
Winding configuration	Dahlander (tapped winding)	
Starting method	Direct On Line or through Soft Starter at both speeds	
Weight	168. kg	
Moment of Inertia	0.139 kgm ²	
Bearing DE/NDE	6210 Z C3 / 6210 Z C3 (Bearing located at NDE)	
Bearing Lubrication	Esso Unirex N3	

Wiring Diagram:



Made in the Czech Republic

* The digit marked as ' _ ' of the Type Number denominates the motor mounting.