



Standard	IEC 60034
Area	Safe Area
Type	HJN 180L-4
Poles	4 pole
Environment conditions	-20 °C to +40 °C, up to 1000 m above sea level
Frame size	180L
Material	Cast iron frame
Output at 50Hz	22. kW
Output at 60Hz	25.3 kW
Voltage	400/690V 50Hz, 460VD 60Hz
Speed at 50Hz	1470 rpm
Speed at 60Hz	1765 rpm
Current at 380V 50Hz	42.4 A
Current at 400V 50Hz	40.3 A
Current at 415V 50Hz	38.9 A
Current at 460V 60Hz	40.1 A
Power factor (cos fi)	0.86
Insulation class	F (155°C)/ temperature rise B (80K)
Efficiency Class	IE2
Efficiency at 100% load	91.6 % (at 50Hz)
Efficiency at 75% load	91.6 % (at 50Hz)
Efficiency at 50% load	90.9 % (at 50Hz)
Torque	143. Nm
Starting current [ratio]	7.74
Starting torque [ratio]	2.62
Breakdown torque [ratio]	3.34
Protection	IP55
Weight	196. kg
Mounting	B3; B5; B3/B5; V1
Thermal protection	3x PTCs