

Standard	EN 60079-0:2009, EN 61241-0:2006
Area	Zone22 : EX II 3 D T125°C Group II – Category 3D – Surface temperature T=125°C
In compliance with	ATEX Directive of 23 March 1994 94/9/EC
Type	HJN 180M-2
Poles	2 pole
Environment conditions	-20°C to +40°C, up to 1000 m above sea level
Frame size	180M
Material	Cast iron frame
Output at 50Hz	22. kW
Output at 60Hz	24.5 kW
Voltage	400/690V 50Hz, 460VD 60Hz
Speed at 50Hz	2950 rpm
Speed at 60Hz	3540 rpm
Current at 400V 50Hz	38.6 A
Current at 460V 60Hz	37.5 A
Power factor (cos fi)	0.9
Insulation class	F (155°C)/ temperature rise B (80K)
Efficiency Class	IE2
Efficiency at 100% load	91.3 % (at 50Hz)
Efficiency at 75% load	91.3 % (at 50Hz)
Efficiency at 50% load	90.4 % (at 50Hz)
Torque	71. Nm
Starting current [ratio]	8.41
Starting torque [ratio]	2.97
Breakdown torque [ratio]	3.42
Protection	IP65
Weight	188. kg
Mounting	B3; B5; B3/B5; V1
Thermal protection	3x PTCs
Acoustic pressure	75 dB(A)