

Standard	EN 60079-0:2006, EN 60079-15:2010
Area	Zone2 : II 3 G Ex nA II T3 Group II – Category 3G – Temperature class T3 ATEX Directive of 23 March 1994 94/9/EC
In compliance with	
Type	HJN 160M-4
Poles	4 pole
Environment conditions	-20 °C to +40 °C, up to 1000 m above sea level
Frame size	160M
Material	Cast iron frame
Output at 50Hz	11. kW
Output at 60Hz	12.7 kW
Voltage	400/690V 50Hz, 460VD 60Hz
Speed at 50Hz	1465 rpm
Speed at 60Hz	1765 rpm
Current at 400V 50Hz	21. A
Current at 460V 60Hz	20.9 A
Power factor (cos fi)	0.84
Insulation class	F (155 °C)/ temperature rise B (80K)
Efficiency Class	IE2
Efficiency at 100% load	89.8 % (at 50Hz)
Efficiency at 75% load	90. % (at 50Hz)
Efficiency at 50% load	88.5 % (at 50Hz)
Torque	71.7 Nm
Starting current [ratio]	7.3
Starting torque [ratio]	2.34
Breakdown torque [ratio]	2.69
Protection	IP55
Weight	122. kg
Mounting	B3; B5; B3/B5; B14A; B3/B14A; V1
Thermal protection	3x PTCs
Acoustic pressure	61 dB(A)