



<b>Standard</b>	IEC 60034
<b>Area</b>	Safe Area
<b>Type</b>	HJN 225M-4
<b>Poles</b>	4 pole
<b>Environment conditions</b>	-20 °C to +40 °C, up to 1000 m above sea level
<b>Frame size</b>	225M
<b>Material</b>	Cast iron frame
<b>Output at 50Hz</b>	45. kW
<b>Output at 60Hz</b>	52. kW
<b>Voltage</b>	400/690V 50Hz, 460VD 60Hz
<b>Speed at 50Hz</b>	1480 rpm
<b>Speed at 60Hz</b>	1775 rpm
<b>Current at 380V 50Hz</b>	84.4 A
<b>Current at 400V 50Hz</b>	80.2 A
<b>Current at 415V 50Hz</b>	77.3 A
<b>Current at 460V 60Hz</b>	80.2 A
<b>Power factor (cos fi)</b>	0.87
<b>Insulation class</b>	F (155°C)/ temperature rise B (80K)
<b>Efficiency Class</b>	IE2
<b>Efficiency at 100% load</b>	93.1 % (at 50Hz)
<b>Efficiency at 75% load</b>	93. % (at 50Hz)
<b>Efficiency at 50% load</b>	92.7 % (at 50Hz)
<b>Torque</b>	292. Nm
<b>Starting current [ratio]</b>	6.94
<b>Starting torque [ratio]</b>	2.51
<b>Breakdown torque [ratio]</b>	2.87
<b>Protection</b>	IP55
<b>Weight</b>	343. kg
<b>Mounting</b>	B3; B5; B3/B5; V1
<b>Thermal protection</b>	3x PTCs