



<b>Standard</b>	IEC 60034
<b>Area</b>	Safe Area
<b>Type</b>	HJA 90S-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>	90S
<b>Material</b>	Aluminium frame
<b>Output at 50Hz</b>	1.1 kW
<b>Output at 60Hz</b>	1.3 kW
<b>Voltage</b>	230/400V 50Hz, 460VY 60Hz
<b>Speed at 50Hz</b>	1395 rpm
<b>Speed at 60Hz</b>	1675 rpm
<b>Current at 380V 50Hz</b>	2.67 A
<b>Current at 400V 50Hz</b>	2.53 A
<b>Current at 415V 50Hz</b>	2.44 A
<b>Current at 460V 60Hz</b>	2.64 A
<b>Power factor (cos fi)</b>	0.77
<b>Insulation class</b>	F (155°C)/ temperature rise B (80K)
<b>Efficiency Class</b>	IE2
<b>Efficiency at 100% load</b>	81.4 % (at 50Hz)
<b>Efficiency at 75% load</b>	81.2 % (at 50Hz)
<b>Efficiency at 50% load</b>	77.8 % (at 50Hz)
<b>Torque</b>	7.5 Nm
<b>Starting current [ratio]</b>	6.03
<b>Starting torque [ratio]</b>	2.84
<b>Breakdown torque [ratio]</b>	3.01
<b>Protection</b>	IP55
<b>Weight</b>	13.5 kg
<b>Mounting</b>	B3; B5; B3/B5; B14A; B3/B14A; B14B; B3/B14B; V1
<b>Thermal protection</b>	3x PTCs