marathon™ DataSheet

Squirrel Cage Induction Electric Motor

Standard	IEC 60034
Area	Safe Area
Туре	HJA 132S-4
Poles	4 pole
Environment conditions	-20°C to +40°C, up to 1000 m above sea level
Frame size	132S
Material	Aluminium frame
Output at 50Hz	5.5 kW
Output at 60Hz	6.3 kW
Voltage	400/690V 50Hz, 460VD 60Hz
Speed at 50Hz	1450 rpm
Speed at 60Hz	1745 rpm
Current at 380V 50Hz	11.5 A
Currect at 400V 50Hz	10.91 A
Current at 415V 50Hz	10.51 A
Current at 460V 60Hz	11.4 A
Power factor (cos fi)	0.83
Insulation class	F (155°C)/ temperature rise B (80K)
Efficiency Class	IE2
Efficiency at 100% load	87.7 % (at 50Hz)
Efficiency at 75% load	87. % (at 50Hz)
Efficiency at 50% load	85.2 % (at 50Hz)
Torque	36.2 Nm
Starting current [ratio]	7.8
Starting torque [ratio]	2.51
Breakdown torque [ratio]	3.13
Protection	IP55
Weight	42. kg
Mounting	B3; B5; B3/B5; B14A; B3/B14A; B14B; B3/B14B; V1
Thermal protection	3x PTCs