

DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : Rolled Steel Premium Efficiency Three-Phase Product code : 19087999

Frame	: 56CZ	Locked rotor time	: 61s (cold) 34s (hot)
Output	: 0.25 HP (0.18 kW)	Temperature rise	: 80 K
Frequency	: 60 Hz	Duty cycle	: Cont.(S1)
Rated voltage	: 230/460 V	Ambient temperature	: -20°C to +40°C
Poles	: 4	Altitude	: 1000 m.a.s.l.
Rated current	: 1.17/0.587 A	Protection degree	: IP55
	: 7.0x(Code P)	Cooling method	: IC410 - TENV
Rated speed	: 1775 rpm	Mounting	: F-1
Rated torque	: 0.102 kgfm	Rotation ¹	: Both (CW and CCW)
Insulation class	: H	Starting method	: Direct On Line
Service factor	: 1.15	Approx. weight ³	: 9.9 kg
Moment of inertia (J)	: 0.0019 kgm ²		

Output	25%	50%	75%	100%	Foundation loads
Efficiency (%)	0.000	57.5	66.0	70.0	Max. traction : 10 kgf
Power Factor	0.00	0.36	0.46	0.55	Max. compression : 20 kgf

	Drive end	Non drive end
Bearing type	: 6204 ZZ	: 6203 ZZ
Sealing	: V'Ring	: Without Bearing Seal
Lubrication interval	: 0 h	: 0 h
Lubricant amount	: 0 g	: 0 g
Lubricant type	: Mobil Polyrex EM	

Notes

- CSA / UL certified motor with the following characteristics:

* Variable torque: 1000: 1

* Constant torque: 10: 1

- Motor suitable for CT 1000:1.

This revision replaces and cancel the previous one, which must be eliminated.

(1) Looking the motor from the shaft end.

(2) Measured at 1m and with tolerance of +3dB(A).

(3) Approximate weight subject to changes after manufacturing process.

(4) At 100% of full load.

These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1.

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Customer :

Thermal protection

ID	Application	Type	Quantity	Sensing Temperature
1	Winding	Thermostat - 2 wires	1 x Phase	155 °C

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LOAD PERFORMANCE CURVE

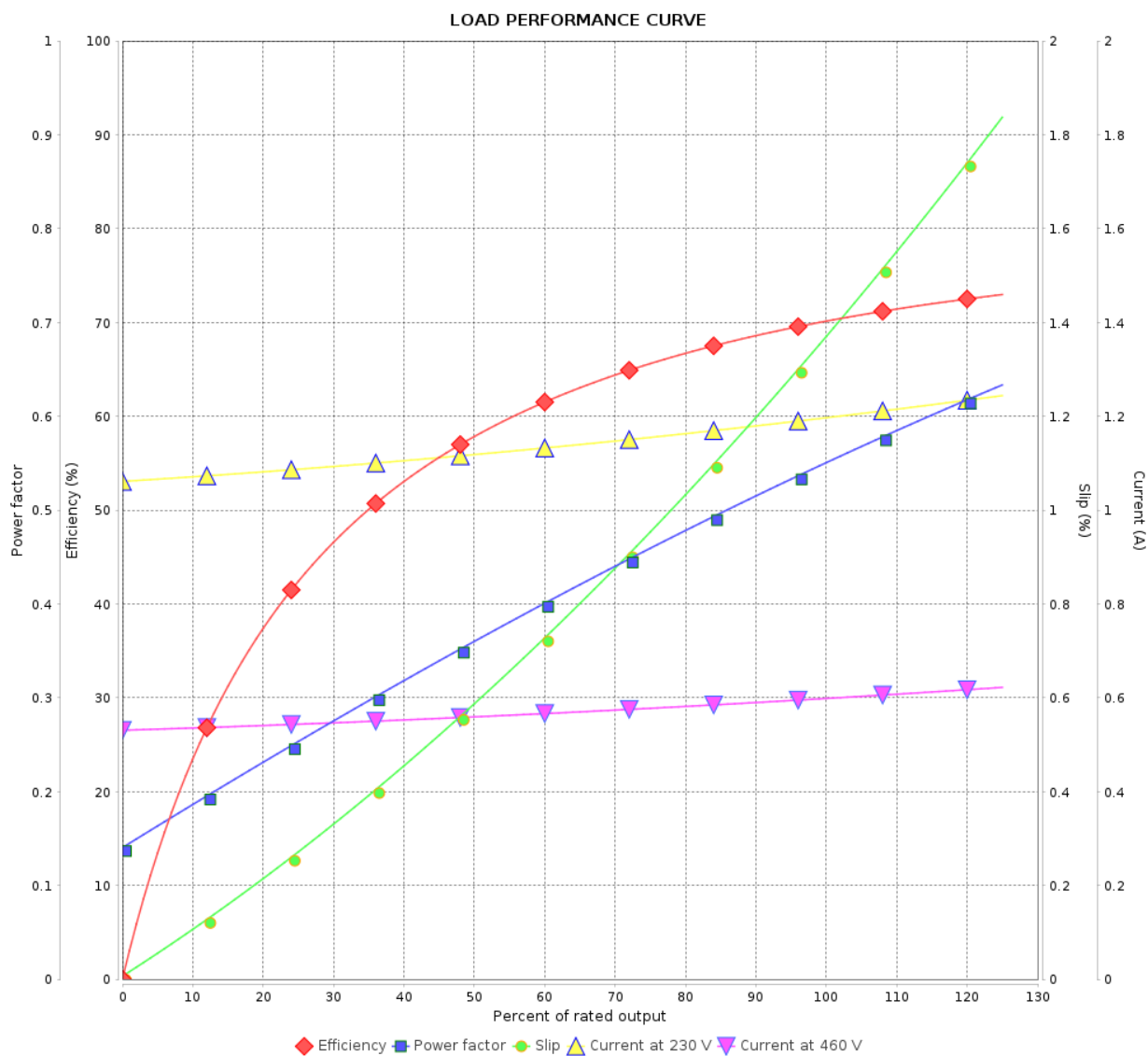
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Three-Phase

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