

# DATA SHEET



## Single Phase Induction Motor - Squirrel Cage

Customer :

Product line : Rolled Steel Fan and Exhaust Single-Phase Split Phase      Product code : 17925322

Frame	: 48	Locked rotor time	: 10s (cold) 6s (hot)
Output	: 0.5 HP (0.37 kW)	Temperature rise	: 80 K
Frequency	: 60 Hz	Duty cycle	: Cont.(S1)
Rated voltage	: 115 V	Ambient temperature	: -20°C to +40°C
Poles	: 4	Altitude	: 1000 m.a.s.l.
Rated current	: 7.24 A	Cooling method	: IC01 - ODP
	: 6.5x(Code M)	Mounting	: F-1
Rated speed	: 1715 rpm	Rotation <sup>1</sup>	: Both (CW and CCW)
Rated torque	: 0.212 kgfm	Starting method	: Direct On Line
Insulation class	: F	Approx. weight <sup>3</sup>	: 11.0 kg
Service factor	: 1.25		
Moment of inertia (J)	: 0.0020 kgm <sup>2</sup>		
Design	: O		

Output	50%	75%	100%	Foundation loads	
Efficiency (%)	52.0	60.0	63.5	Max. traction	: 12 kgf
Power Factor	0.50	0.60	0.70	Max. compression	: 22 kgf

	Drive end	Non drive end
Bearing type	: 6203 ZZ	: 6202 ZZ
Sealing	: Without Bearing Seal	: Without Bearing Seal
Lubrication interval	: -	: -
Lubricant amount	: -	: -
Lubricant type	: Mobil Polyrex EM	

### Notes

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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# LOAD PERFORMANCE CURVE

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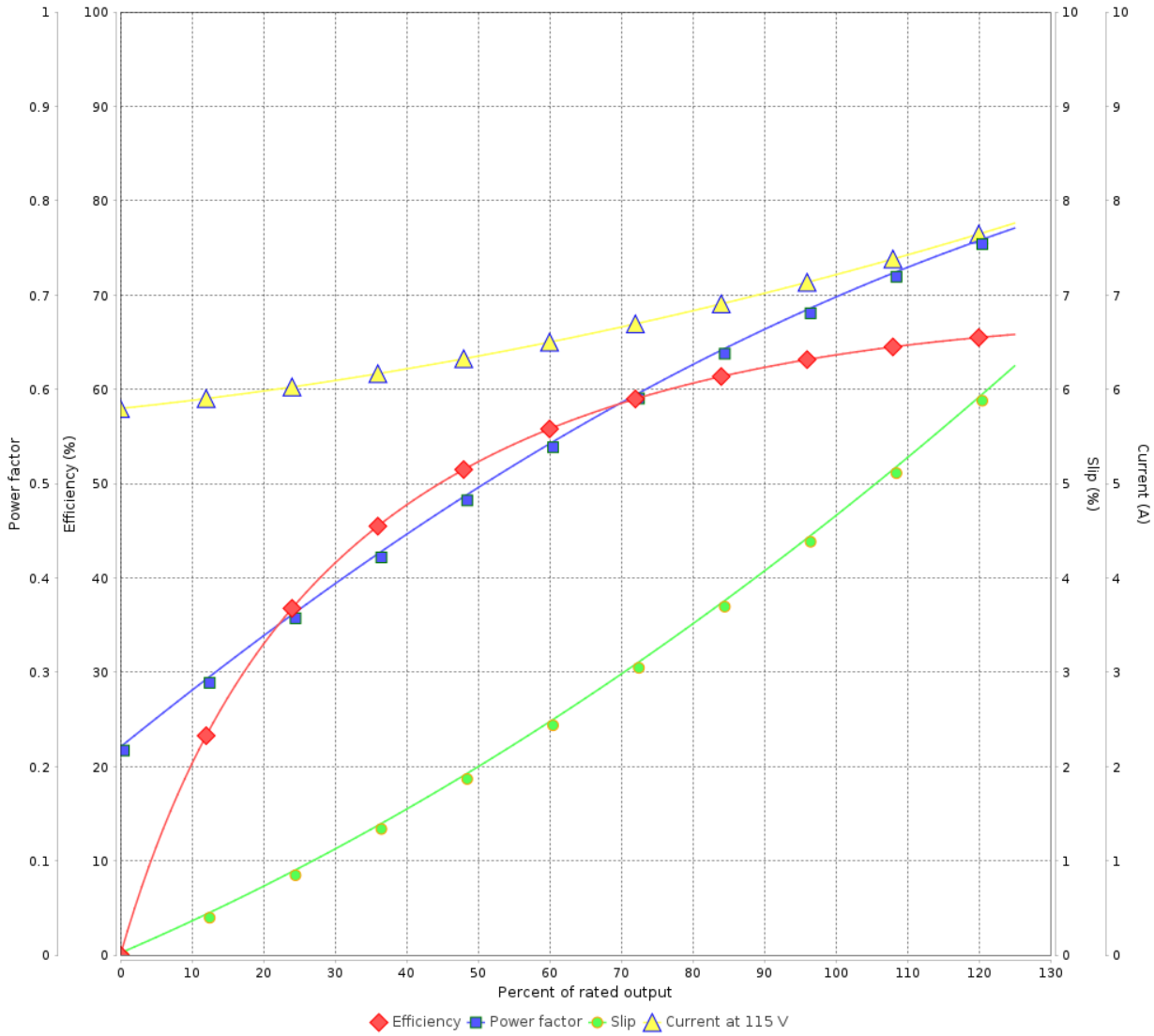


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