

DATA SHEET

Single Phase Induction Motor - Squirrel Cage



Customer :

Product line : Rolled Steel Fan and Exhaust Single-Phase Split Phase Product code : 17925319

Frame	: 48	Locked rotor time	: 10s (cold) 6s (hot)
Output	: 0.33 HP (0.25 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	: 5.16 A	Cooling method	: IC01 - ODP
	: 6.0x(Code M)	Mounting	: F-1
Rated speed	: 1710 rpm	Rotation ¹	: Both (CW and CCW)
Rated torque	: 0.140 kgfm	Starting method	: Direct On Line
Insulation class	: F	Approx. weight ³	: 8.9 kg
Service factor	: 1.35		
Moment of inertia (J)	: 0.0013 kgm ²		
Design	: N		

Output	50%	75%	100%	Foundation loads
Efficiency (%)	51.0	58.0	62.0	Max. traction : 7 kgf
Power Factor	0.48	0.60	0.68	Max. compression : 15 kgf

		<u>Drive end</u>	<u>Non drive end</u>
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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Date	29/06/2026			

LOAD PERFORMANCE CURVE

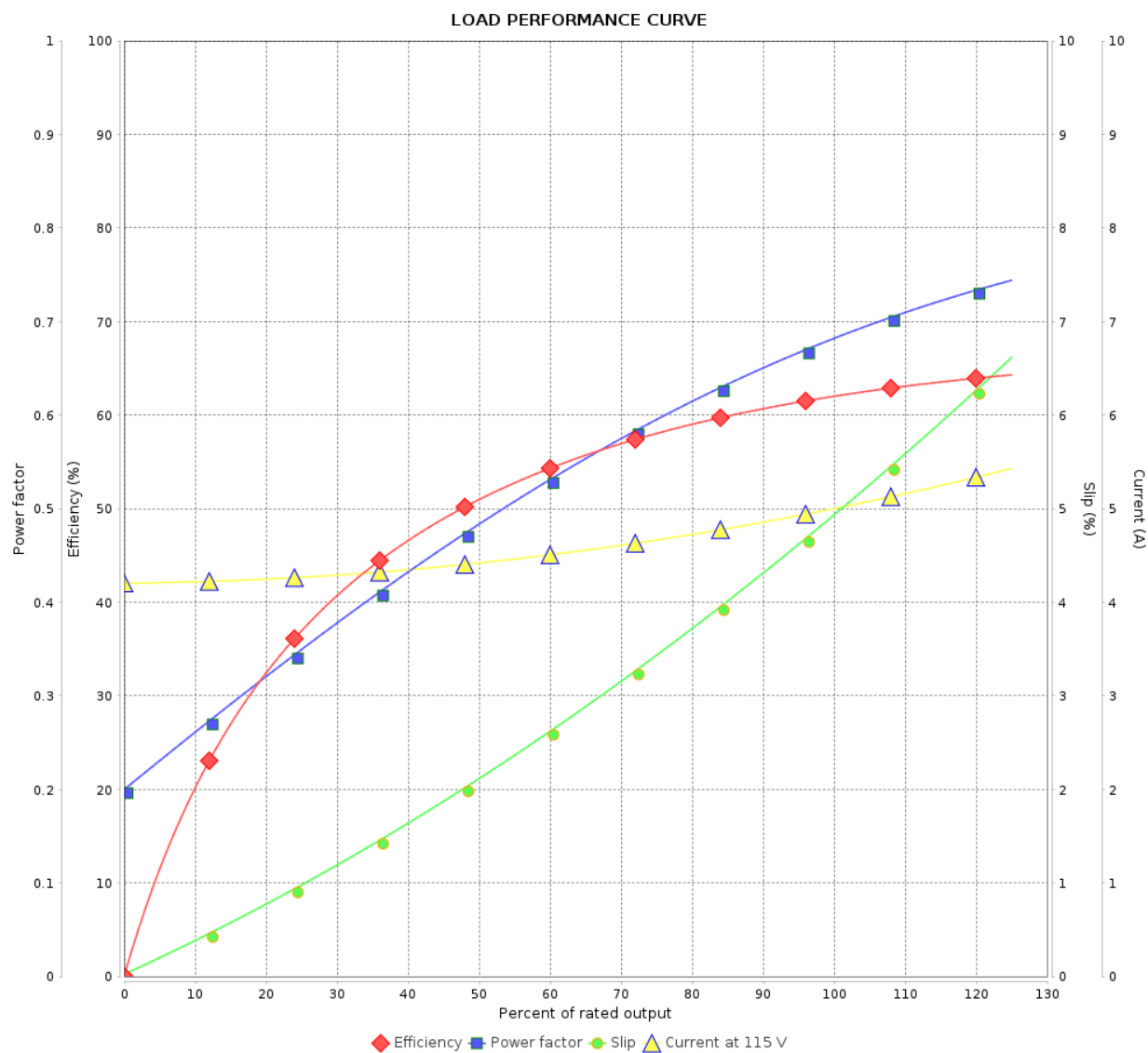
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