

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 ¹	: Both (CW and CCW)
Rated torque	: 0.212 kgfm	Starting method	: Direct On Line
Insulation class	: F	Approx. weight ³	: 11.0 kg
Service factor	: 1.25		
Moment of inertia (J)	: 0.0020 kgm ²		
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

		<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.

Rev.	Changes Summary	Performed	Checked	Date
Performed by		Page Revision 1 / 2		
Checked by				
Date	29/06/2026			

LOAD PERFORMANCE CURVE

Single Phase Induction Motor - Squirrel Cage

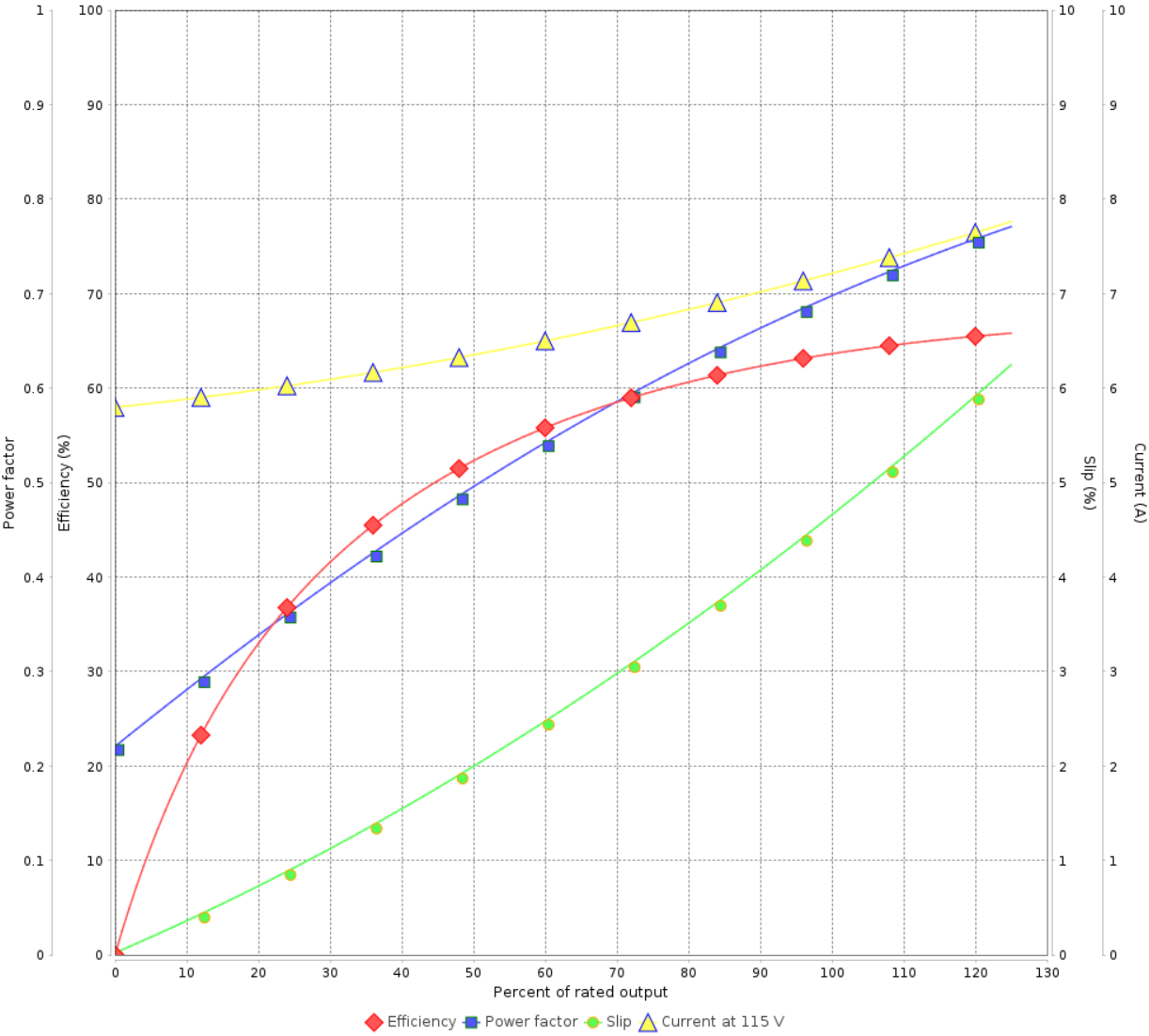


Customer :

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

Product code : 17925322

LOAD PERFORMANCE CURVE



Rev.	Changes Summary		Performed	Checked	Date
Performed by					
Checked by					
Date	29/06/2026				
			Page 2 / 2	Revision	

