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 kgm²		
Design	: O		

Output	50%	75%	100%
Efficiency (%)	52.0	60.0	63.5
Power Factor	0.50	0.60	0.70

Foundation loads

Max. traction	: 12 kgf
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.

Rev.	Changes Summary	Performed	Checked	Date

Performed by				
Checked by			Page	Revision
Date	29/06/2026		1 / 2	

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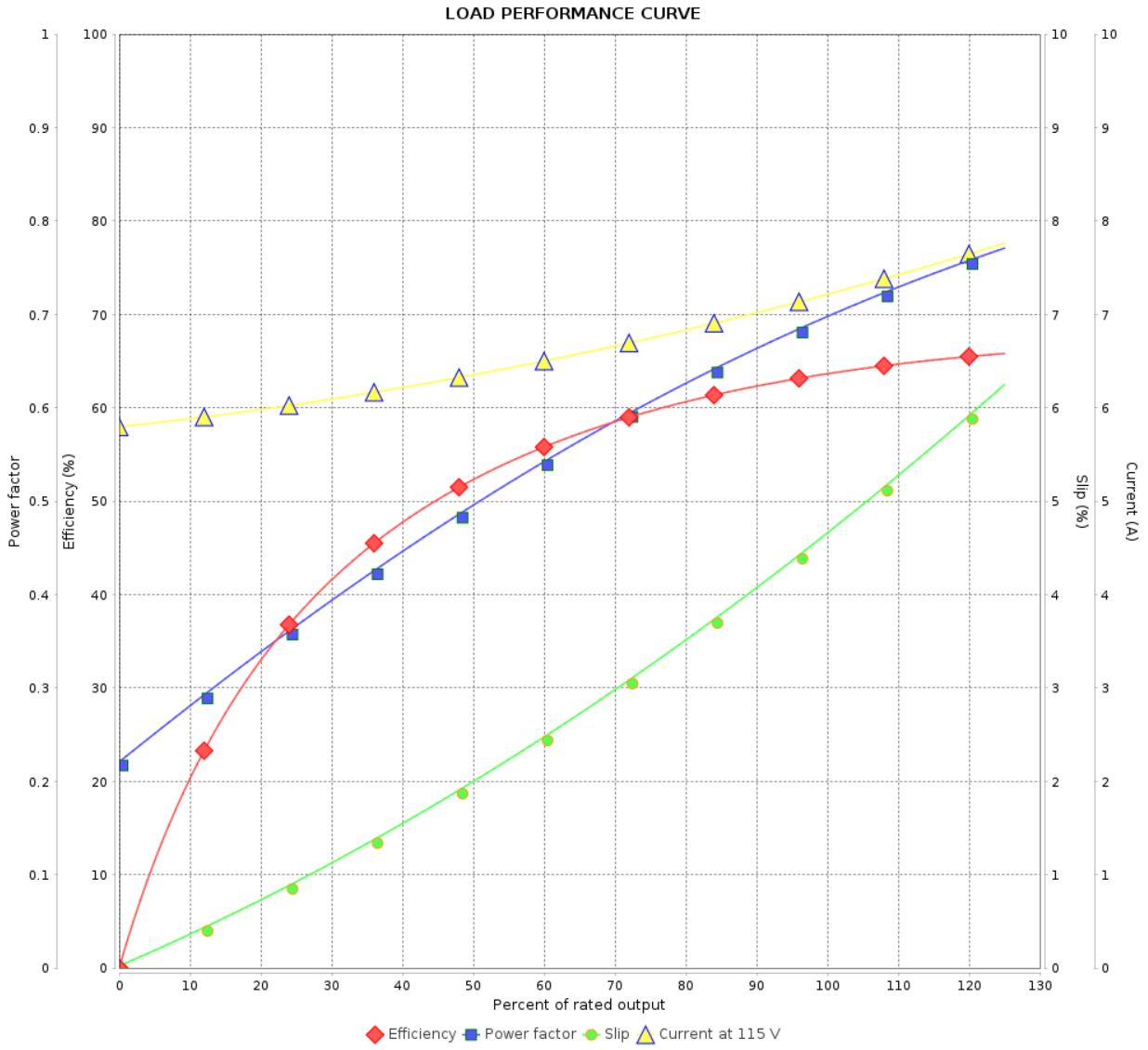
LOAD PERFORMANCE CURVE

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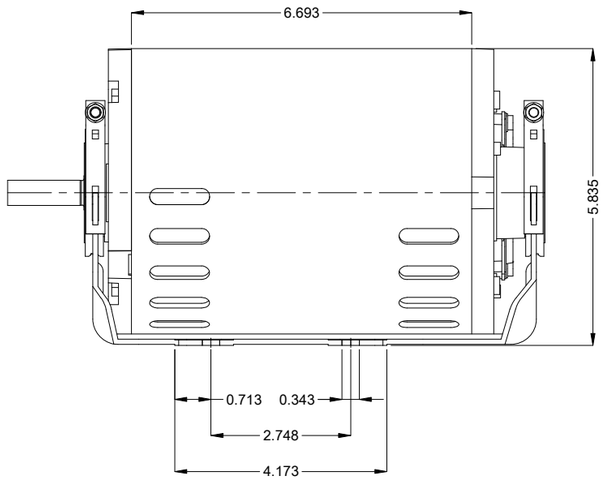
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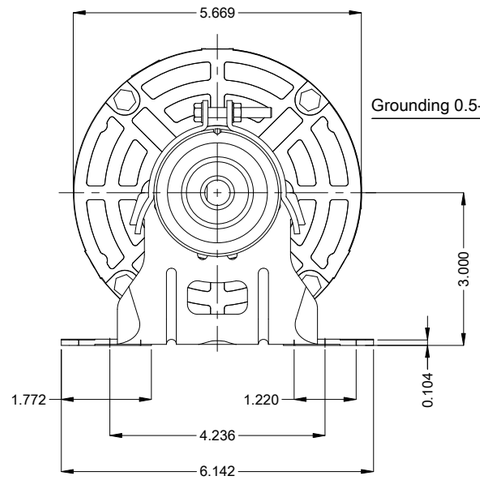


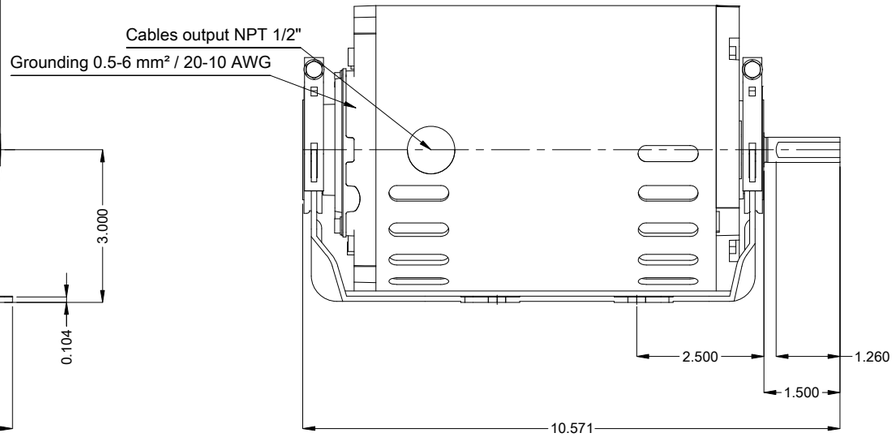
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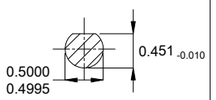


Phenolic thermal protector - automatic

Mounting MARKET F-1/B3R(D)

Mounting F-1/B3R(D)

DE Shaft End



0.5 HP 04 Poles 60 Hz | A

Scale 1 : 3

ECM	LOC	SUMMARY OF MODIFICATIONS	EXECUTED	CHECKED	RELEASED	DATE	VER
			HYBRISUSER				00

EXECUTED	HYBRISUSER
CHECKED	
RELEASED	
REL. DATE	

SINGLE PH. MOTOR ROLLED STEEL FAN / EXHAUST
FRAME 48 IP21 ODP

PREVIEW

WDD 00

SHEET 1 / 1

Dimensions in inches

A3

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