

DATA SHEET

Single Phase Induction Motor - Squirrel Cage



Customer :

Product line : Rolled Steel Jet Pump - J type Single-Phase Product code : 14802613

Frame	: W56J	Locked rotor time	: 30s (cold) 17s (hot)
Output	: 0.33 HP (0.25 kW)	Temperature rise	: 80 K
Frequency	: 60 Hz	Duty cycle	: Cont.(S1)
Rated voltage	: 115/208-230 V	Ambient temperature	: -20°C to +40°C
Poles	: 2	Altitude	: 1000 m.a.s.l.
Rated current	: 3.18/1.75-1.59 A	Protection degree	: IP55
	: 9.0x(Code L)	Cooling method	: IC411 - TEFC
Rated speed	: 3505 rpm	Mounting	: F-1
Rated torque	: 0.068 kgfm	Rotation ¹	: CCW
Insulation class	: F	Noise level ²	: 66.0 dB(A)
Service factor	: 1.15	Starting method	: Direct On Line
Moment of inertia (J)	: 0.0012 kgm ²	Approx. weight ³	: 10.0 kg
Design	: N		

Output	50%	75%	100%	Foundation loads
Efficiency (%)	55.0	68.0	72.0	Max. traction : 1 kgf
Power Factor	0.94	0.94	0.95	Max. compression : 12 kgf

		<u>Drive end</u>	<u>Non drive end</u>
Bearing type	:	6203 2RS	6202 2RS
Sealing	:	V'Ring	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	26/06/2026			

LOAD PERFORMANCE CURVE

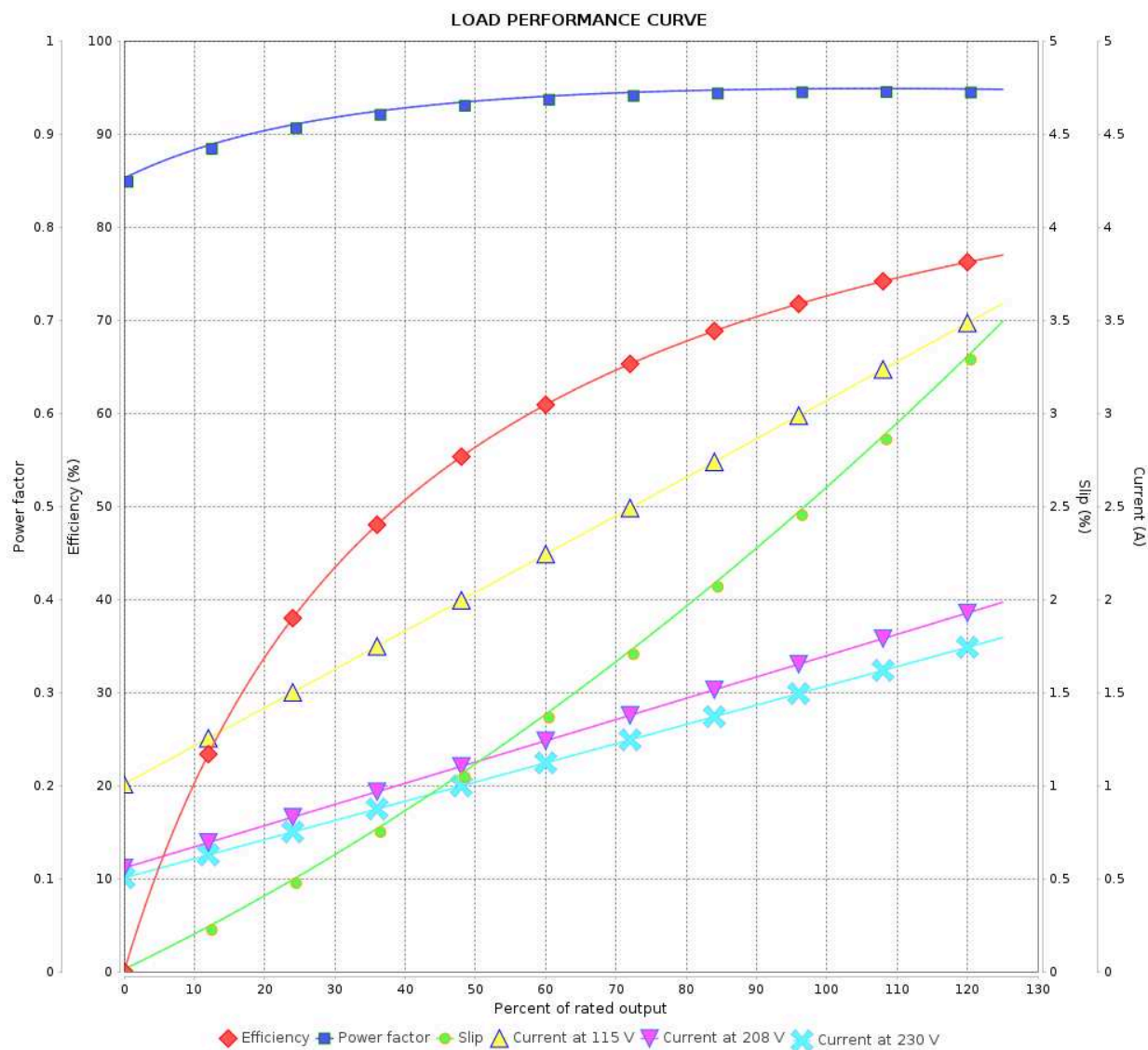
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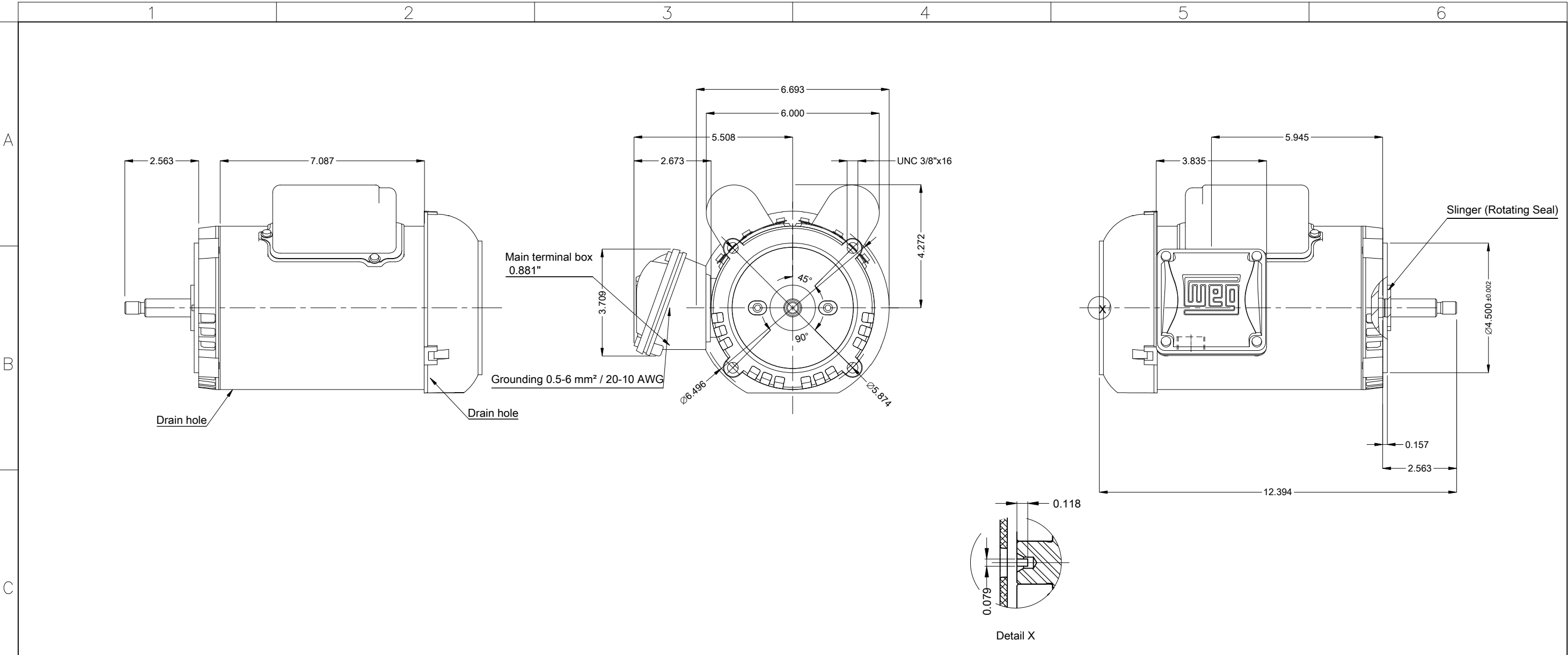
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D			0.33 HP 02 Poles 60 Hz										A
			Scale 2 : 7										
E	Dipping impregnation - polyester												
	Shaft material - stainless steel AISI 304												
	Phenolic thermal protector - automatic												
	Without alarm thermal protection											00	
	Without switch off thermal protection												
	Color Munsell N 1 matte black												
	Painting plan 207N												
	Mounting MARKET F-1/B14R(D)												
	Mounting F-1/B14R(D)												