

DATA SHEET

Single Phase Induction Motor - Squirrel Cage



Customer :

Product line : Rolled Steel Jet Pump - J type Single-Phase Product code : 18652663

Frame	: W56J	Locked rotor time	: 39s (cold) 22s (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	: 4	Altitude	: 1000 m.a.s.l.
Rated current	: 3.50/2.08-1.75 A	Protection degree	: IP55
	: 7.0x(Code K)	Cooling method	: IC411 - TEFC
Rated speed	: 1740 rpm	Mounting	: F-1
Rated torque	: 0.138 kgfm	Rotation ¹	: CCW
Insulation class	: F	Noise level ²	: 52.0 dB(A)
Service factor	: 1.15	Starting method	: Direct On Line
Moment of inertia (J)	: 0.0020 kgm ²	Approx. weight ³	: 11.0 kg
Design	: N		

Output	25%	50%	75%	100%	Foundation loads
Efficiency (%)	0.000	64.0	68.0	74.0	Max. traction : 5 kgf
Power Factor	0.00	0.74	0.80	0.84	Max. compression : 16 kgf

		<u>Drive end</u>	<u>Non drive end</u>
Bearing type	:	6203 2RS	6202 2RS
Sealing	:	V'Ring	Without Bearing Seal
Lubrication interval	:	0 h	0 h
Lubricant amount	:	0 g	0 g
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

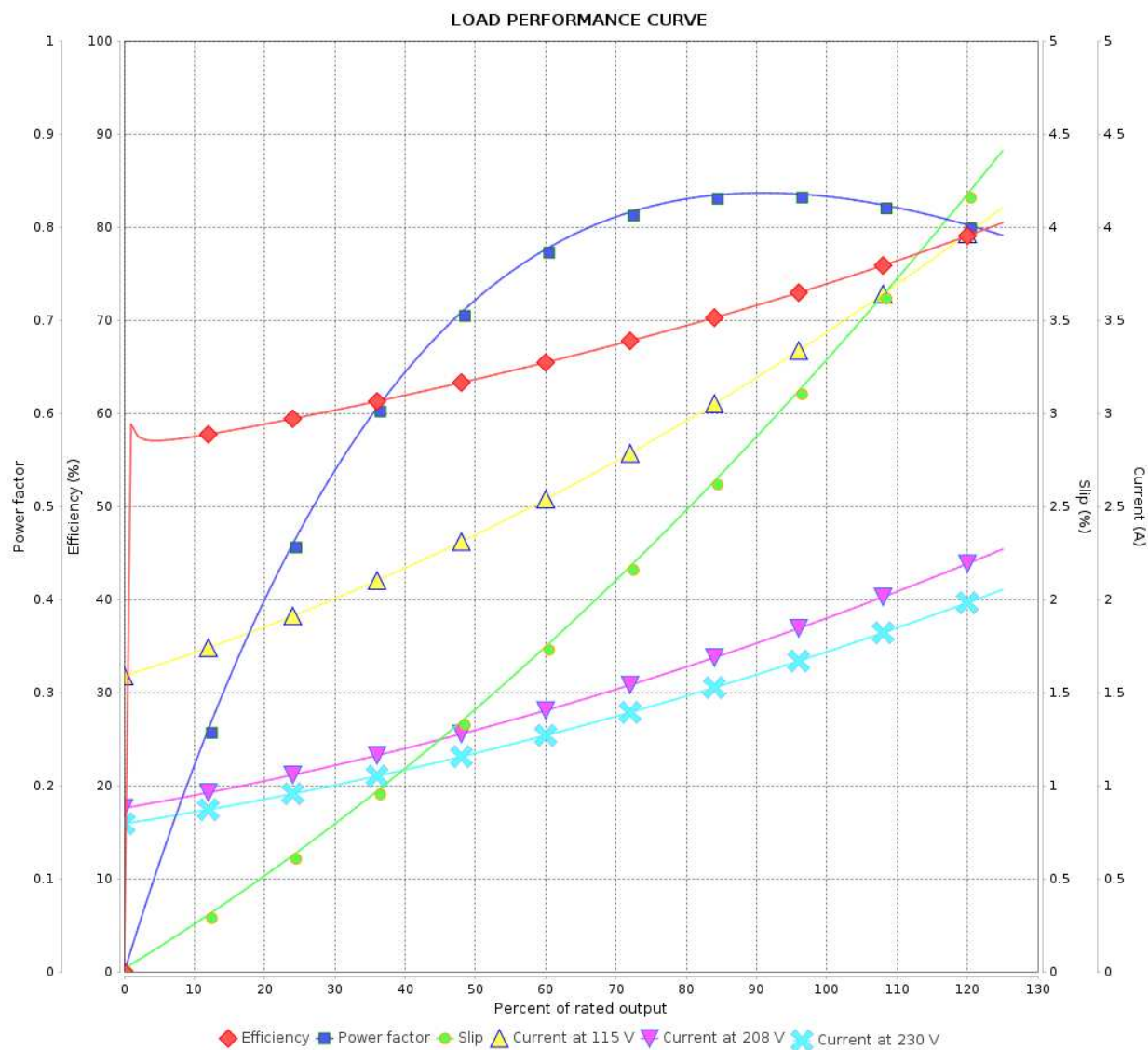
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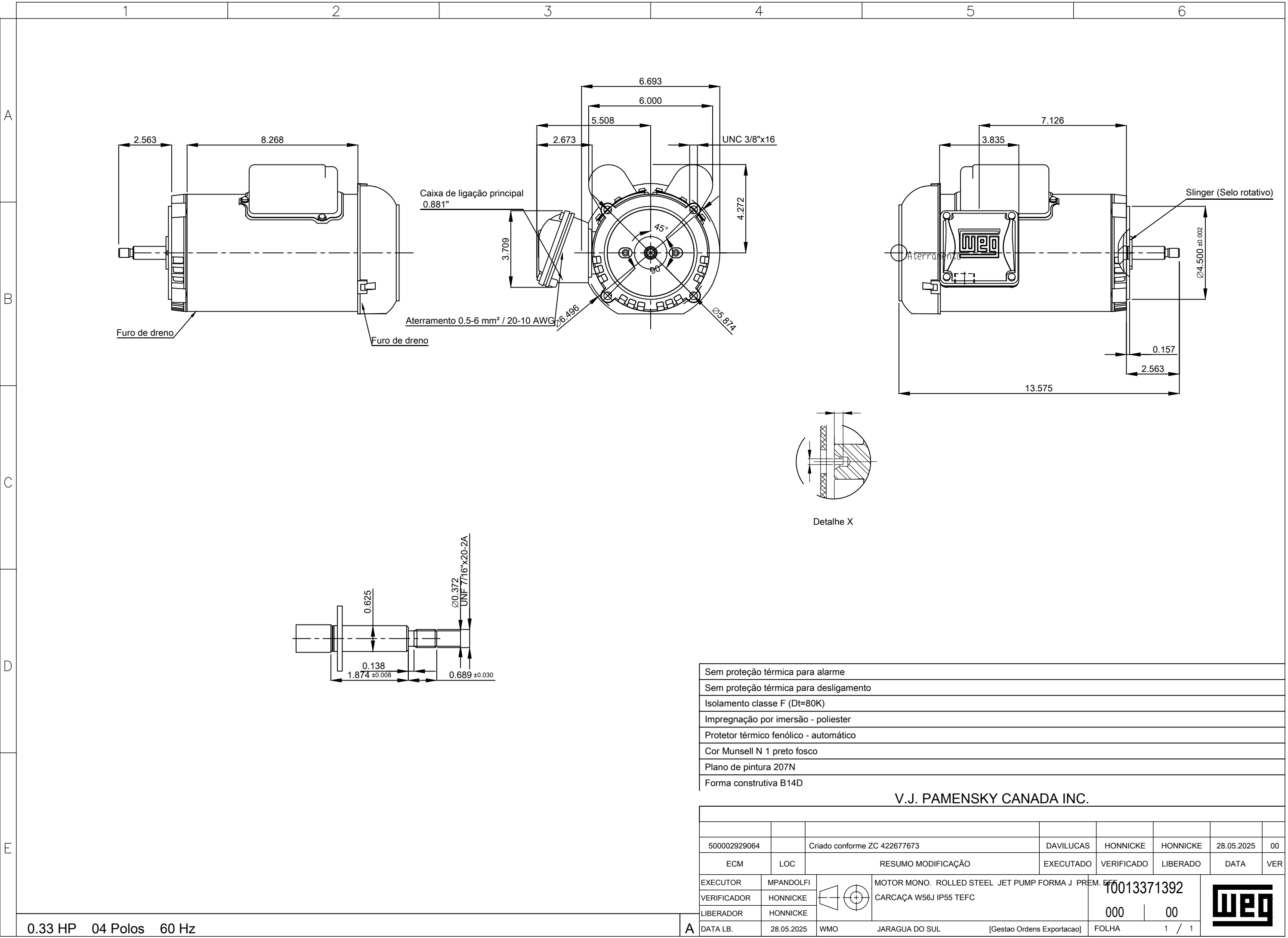
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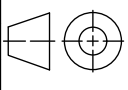


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Date					
	26/06/2026				



Sem proteção térmica para alarme						
Sem proteção térmica para desligamento						
Isolamento classe F (Dt=80K)						
Impregnação por imersão - poliester						
Protetor térmico fenólico - automático						
Cor Munsell N 1 preto fosco						
Plano de pintura 207N						
Forma construtiva B14D						

V.J. PAMENSKY CANADA INC.

500002929064		Criado conforme ZC 422677673			DAVILUCAS	HONNICKE
ECM	LOC	RESUMO MODIFICAÇÃO			EXECUTADO	VERIFICADO
EXECUTOR	MPANDOLFI				10013371392	
VERIFICADOR	HONNICKE				000	00
LIBERADOR	HONNICKE					
DATA LB.	28.05.2025	WMO	JARAGUA DO SUL	[Gestao Ordens Exportacao]	FOLHA	1 / 1

0.33 HP 04 Polos 60 Hz

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