DATA SHEET

Single Phase Induction Motor - Squirrel Cage

PRELIMINARY DOCUMENT

Customer :

Product line : MOTOR MONOFÁSICO WJET PUMP CAPACITOR PARTIDA FORMA J
Product code : 10748790

Frame	: W56	Locked rotor time	: 6 s (hot) 11 s (cold)
Output	: 0.75 HP (0.55 kW)	Duty cycle	: S1
Poles	: 2	Ambient temperature	: -20 °C to +40 °C
Frequency	: 60 Hz	Altitude	: 1000 m.a.s.l
Rated voltage	: 115/208-230 V	Protection degree	: IP21
Rated current	: 11.4/5.30-5.70 A	Cooling method	: IC01 - ODP
L. R. Amperes	: 60.4/30.2 A	Mounting	: B14R(D)
LRC	: 5.3 Code L	Rotation[1]	: Counter clockwise
No load current	: 9.20/4.60 A	Starting method	: Direct On Line
Rated speed	: 3465 rpm	Approx. weight[3]	: 11.9 kg
Slip	: 3.75 %	Design	:
Rated torque	: 0.157 kgfm		
Locked rotor torque	: 270 %		
Pull up torque	: 230 %		
Breakdown torque	: 280 %		
Insulation class	: B		
Service factor	: 1.50		
Moment of inertia (J)	: 0.0106 kgm²		

Output	Start	50%	75%	100%
Efficiency (%)	-	51.1	59.4	64.3
Power Factor	0.00	0.48	0.58	0.66

Load type : -
Load torque : -
Load inertia (J=GD²/4) : -

	Drive end	Non drive end
Bearing type	6203-2RS	6202-2RS
Lubrication interval	-	-
Lubricant amount	-	-
Lubricant type	MOBIL POLYREX EM	

Foundation loads
Max. traction : -
Max. compression : -

Notes:

Standards

Specification : MG1 - Part 10
Test : MG1 - Part 12
Noise : MG1 - Part 9

Vibration :
Tolerance : MG1 - Part 12

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 +0dB(A).
(3) Approximate weight, subject to be changed 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 1-12.

Rev.	Changes Summary	Performed	Checked	Date
				2026/10/21

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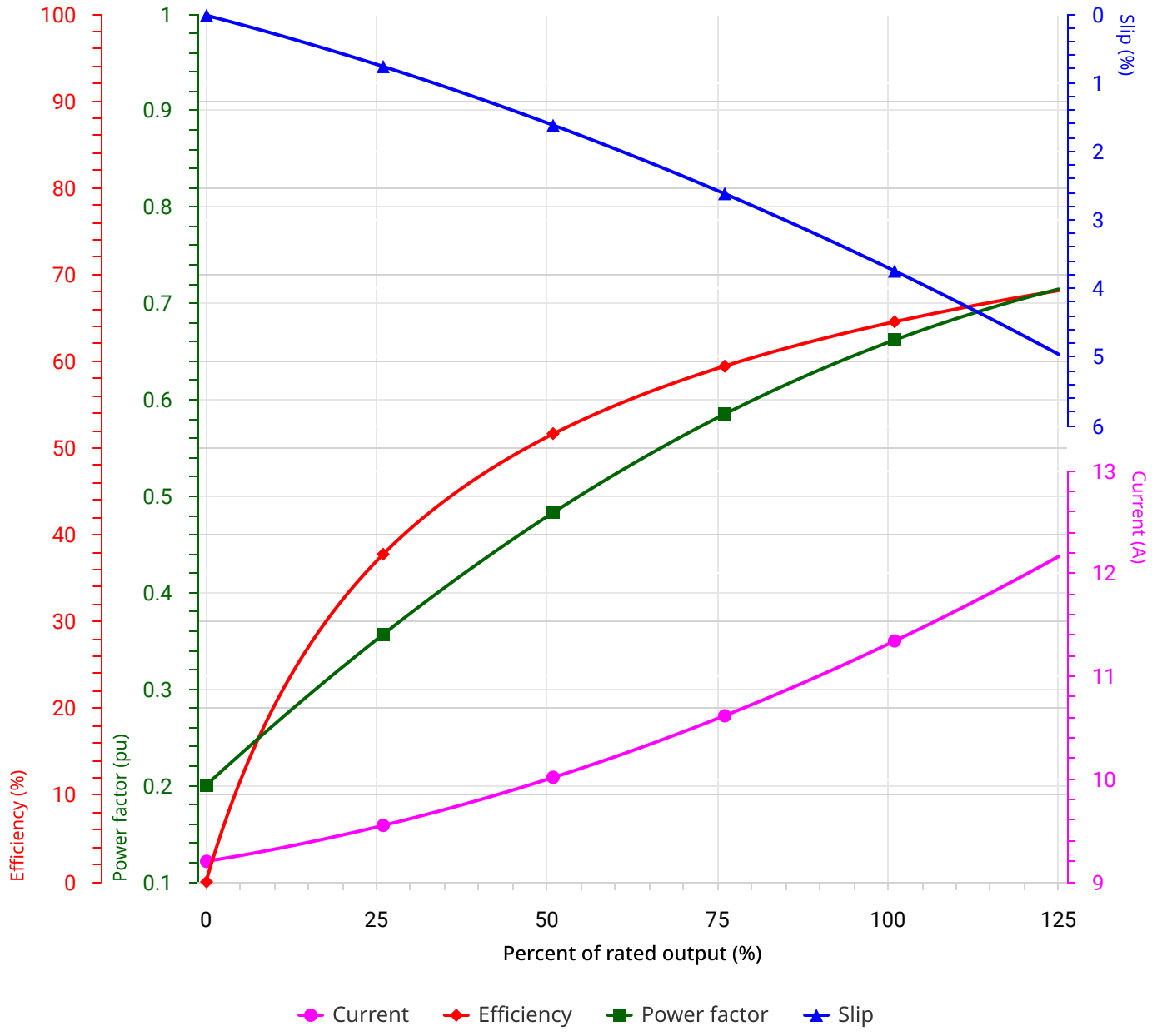
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Customer	:
Product line	: MOTOR MONOFÁSICO WJET PUMP CAPACITOR PARTIDA FORMA J
Product code	: 10748790



Performance	: 0.75 HP (0.55 kW) 115/208/230V 60Hz 2P W56

Rated current	: 11.4/5.30/5.70 A	Moment of inertia (J)	: 0.0106 kgm²
LRC	: 5.3 Code L	Duty cycle	: Cont.(S1)
Rated torque	: 0.157 kgfm	Insulation class	: B
Locked rotor torque	: 270 %	Service factor	: 1.50
Breakdown torque	: 280 %	Temperature rise	: 80 K
Rated speed	: 3465 rpm		

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