DATA SHEET

Single Phase Induction Motor - Squirrel Cage

PRELIMINARY DOCUMENT

Customer :

Product line : MOTOR MONOFÁSICO WJET PUMP CAPACITOR PARTIDA FORMA J
Product code : 10477965

Frame	: E56
Output	: 1 HP (0.75 kW)
Poles	: 2
Frequency	: 60 Hz
Rated voltage	: 115/208-230 V
Rated current	: 12.1/6.00-6.05 A
L. R. Amperes	: 70.2/35.1 A
LRC	: 5.8 Code K
No load current	: 7.90/3.95 A
Rated speed	: 3495 rpm
Slip	: 2.92 %
Rated torque	: 0.208 kgfm
Locked rotor torque	: 200 %
Pull up torque	: 170 %
Breakdown torque	: 260 %
Insulation class	: B
Service factor	: 1.40
Moment of inertia (J)	: 0.0128 kgm²

Locked rotor time	: 6 s (hot) 11 s (cold)
Duty cycle	: S1
Ambient temperature	: -20 °C to +40 °C
Altitude	: 1000 m.a.s.l
Protection degree	: IP21
Cooling method	: IC01 - ODP
Mounting	: B14R(D)
Rotation[1]	: Counter clockwise
Starting method	: Direct On Line
Approx. weight[3]	: 9.7 kg
Design	:

Output	Start	50%	75%	100%
Efficiency (%)	-	60.5	66.2	69.0
Power Factor	0.00	0.58	0.60	0.77

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

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

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

Notes:

Standards

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

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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Date	2026/10/21		1/2	0

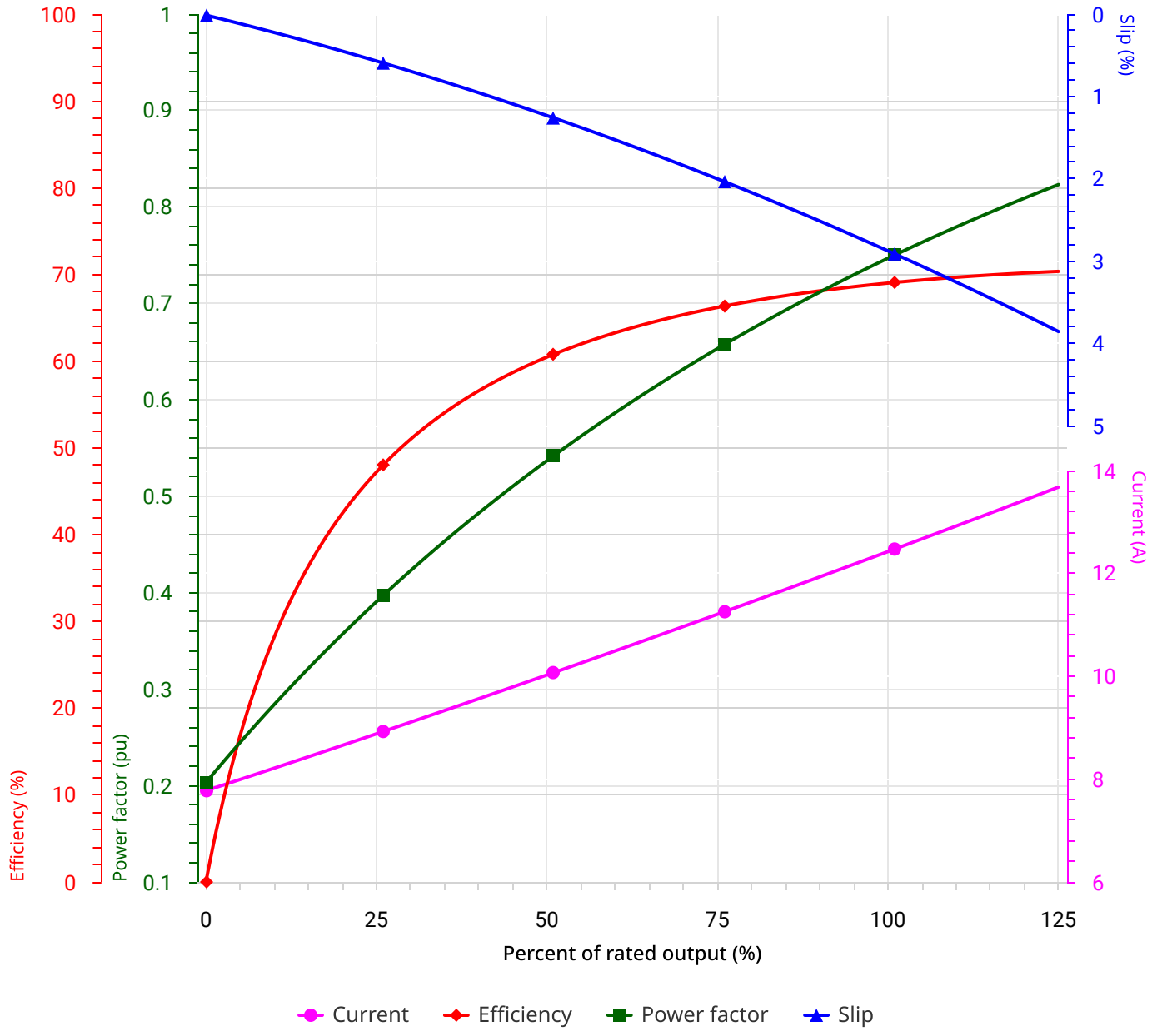
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PRELIMINARY DOCUMENT

Customer	:
Product line	: MOTOR MONOFÁSICO WJET PUMP CAPACITOR PARTIDA FORMA J
Product code	: 10477965



Performance	: 1 HP (0.75 kW) 115/208/230V 60Hz 2P E56

Rated current	: 12.1/6.00/6.05 A	Moment of inertia (J)	: 0.0128 kgm²
LRC	: 5.8 Code K	Duty cycle	: Cont.(S1)
Rated torque	: 0.208 kgfm	Insulation class	: B
Locked rotor torque	: 200 %	Service factor	: 1.40
Breakdown torque	: 260 %	Temperature rise	: 80 K
Rated speed	: 3495 rpm		

Rev.	Changes Summary	Performed	Checked	Date
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