

DATA SHEET

Single Phase Induction Motor - Squirrel Cage



Customer : _____

Product line : Rolled Steel 00022 Single-Phase Product code : 18463442

Frame	: 56	Locked rotor time	: 18s (cold) 10s (hot)
Output	: 0.75 HP (0.55 kW)	Temperature rise	: 80 K
Frequency	: 60 Hz	Duty cycle	: Cont.(S1)
Rated voltage	: 115/230 V	Ambient temperature	: -20°C to +40°C
Poles	: 4	Altitude	: 1000 m.a.s.l.
Rated current	: 10.6/5.30 A	Protection degree	: IP55
	: 6.4x(Code M)	Cooling method	: IC411 - TEFC
Rated speed	: 1745 rpm	Mounting	: F-1
Rated torque	: 0.312 kgfm	Rotation ¹	: Both (CW and CCW)
Insulation class	: F	Noise level ²	: 54.0 dB(A)
Service factor	: 1.15	Starting method	: Direct On Line
Moment of inertia (J)	: 0.0033 kgm ²	Approx. weight ³	: 14.3 kg
Design	: N		

Output	50%	75%	100%	Foundation loads	
Efficiency (%)	57.0	65.0	68.5	Max. traction	: 20 kgf
Power Factor	0.47	0.58	0.67	Max. compression	: 34 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

<p>This revision replaces and cancel the previous one, which must be eliminated.</p> <p>(1) Looking the motor from the shaft end.</p> <p>(2) Measured at 1m and with tolerance of +3dB(A).</p> <p>(3) Approximate weight subject to changes after manufacturing process.</p> <p>(4) At 100% of full load.</p>	<p>These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1.</p>
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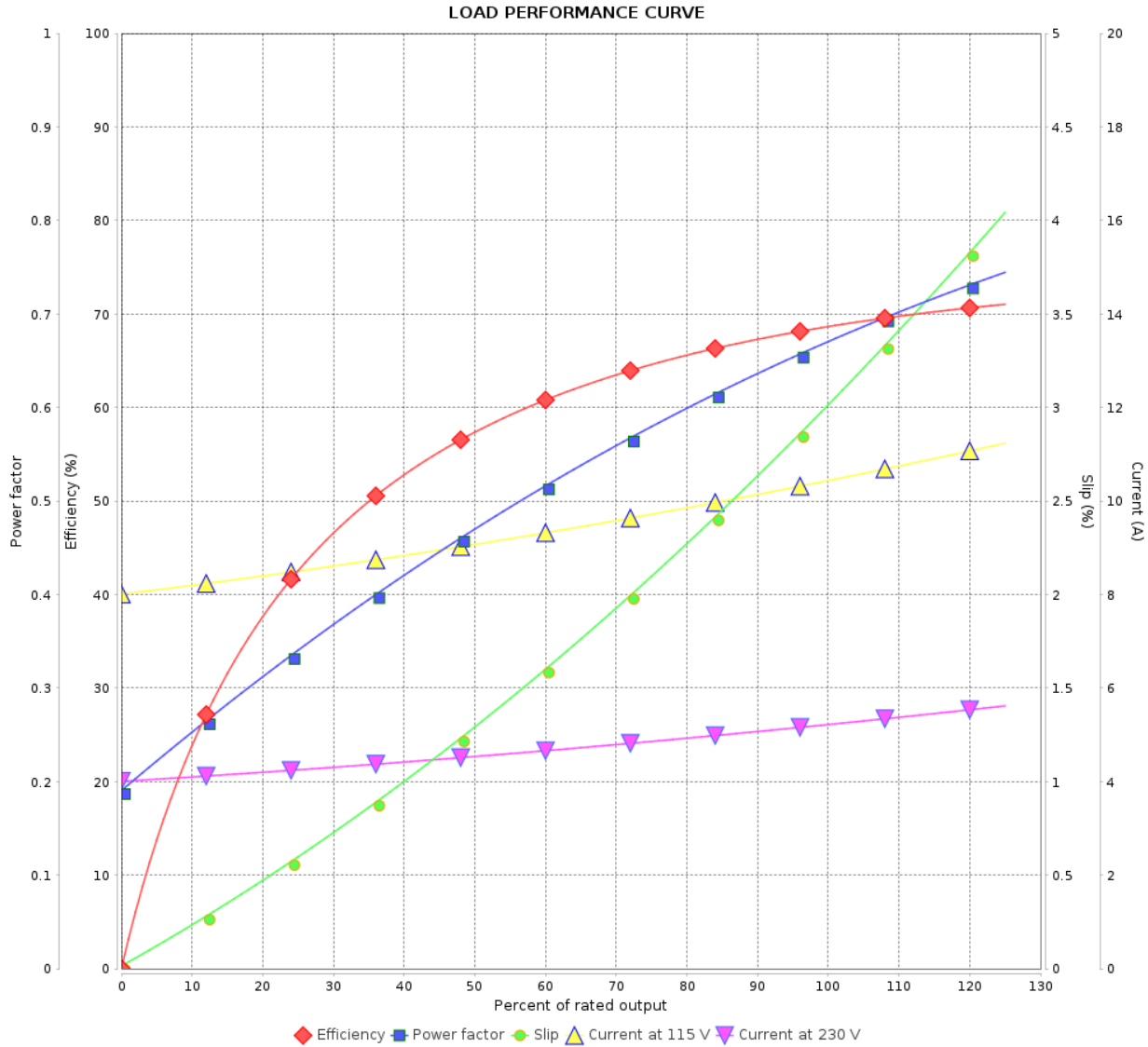
LOAD PERFORMANCE CURVE

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