

DATA SHEET



Single Phase Induction Motor - Squirrel Cage

Customer :				
Product line		: Rolled Steel Farm Duty Single-Phase		Product code : 19226130
Frame	: W56C		Locked rotor time	: 21s (cold) 12s (hot)
Output	: 0.33 HP (0.25 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	: 6.00/3.00 A		Protection degree	: IP55
	: 5.6x(Code N)		Cooling method	: IC411 - TEFC
Rated speed	: 1735 rpm		Mounting	: F-1
Rated torque	: 0.138 kgfm		Rotation ¹	: Both (CW and CCW)
Insulation class	: F		Noise level ²	: 52.0 dB(A)
Service factor	: 1.15		Starting method	: Direct On Line
Moment of inertia (J)	: 0.0017 kgm ²		Approx. weight ³	: 8.3 kg
Design	: N			
Output	50%	75%	100%	Foundation loads
Efficiency (%)	46.0	55.0	61.0	Max. traction
Power Factor	0.42	0.51	0.59	Max. compression
				: 8 kgf
				: 16 kgf
Bearing type	:	Drive end	Non drive end	
Sealing	:	6203 2RS	6202 2RS	
Lubrication interval	:	V'Ring	Without Bearing Seal	
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
Performed by				
Checked by				
Date	14/04/2026		Page	Revision
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LOAD PERFORMANCE CURVE

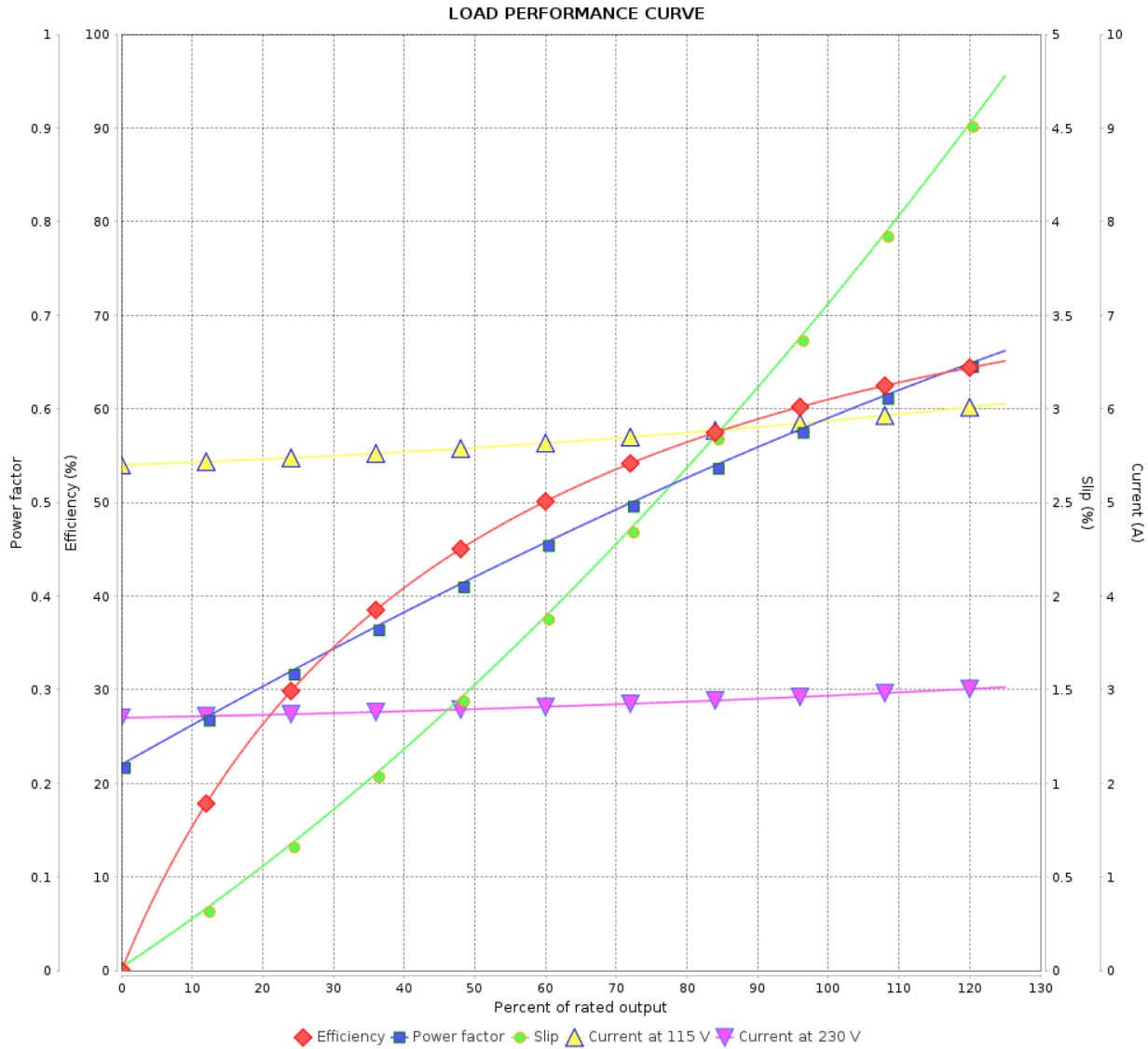
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