

DATA SHEET



Single Phase Induction Motor - Squirrel Cage

Customer :					
Product line		: Rolled Steel Jet Pump - J type Single-Phase		Product code : 18120339	
Frame	: 56J	Locked rotor time	: 37s (cold) 21s (hot)		
Output	: 0.75 HP (0.55 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	: 2	Altitude	: 1000 m.a.s.l.		
Rated current	: 6.54/3.62-3.27 A	Protection degree	: IP55		
	: 8.3x(Code K)	Cooling method	: IC411 - TEFC		
Rated speed	: 3510 rpm	Mounting	: F-1		
Rated torque	: 0.155 kgfm	Rotation ¹	: CCW		
Insulation class	: F	Noise level ²	: 68.0 dB(A)		
Service factor	: 1.15	Starting method	: Direct On Line		
Moment of inertia (J)	: 0.0020 kgm ²	Approx. weight ³	: 13.0 kg		
Design	: N				
Output	25%	50%	75%	100%	
Efficiency (%)	0.000	64.0	72.0	77.0	
Power Factor	0.00	0.94	0.94	0.95	
Foundation loads					
Max. traction		: 8 kgf			
Max. compression		: 21 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.					
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LOAD PERFORMANCE CURVE

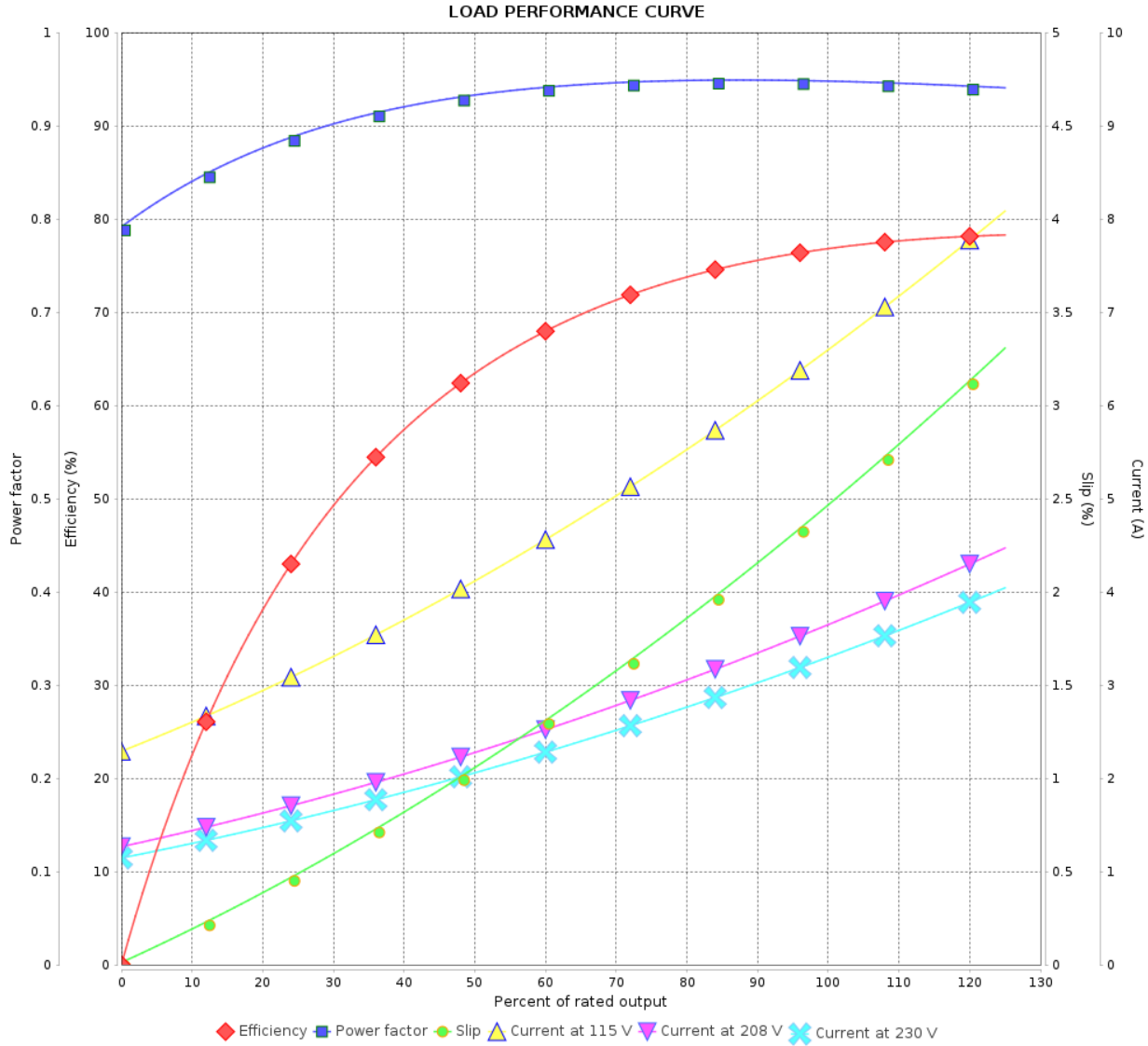
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