

# DATA SHEET



## Single Phase Induction Motor - Squirrel Cage

Customer :					
Product line		: Rolled Steel Jet Pump - J type Single-Phase		Product code : 14802613	
Frame	:	W56J	Locked rotor time	: 30s (cold) 17s (hot)	
Output	:	0.33 HP (0.25 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	:	3.18/1.75-1.59 A	Protection degree	: IP55	
	:	9.0x(Code L)	Cooling method	: IC411 - TEFC	
Rated speed	:	3505 rpm	Mounting	: F-1	
Rated torque	:	0.068 kgfm	Rotation <sup>1</sup>	: CCW	
Insulation class	:	F	Noise level <sup>2</sup>	: 66.0 dB(A)	
Service factor	:	1.15	Starting method	: Direct On Line	
Moment of inertia (J)	:	0.0012 kgm <sup>2</sup>	Approx. weight <sup>3</sup>	: 10.0 kg	
Design	:	N			
Output	50%	75%	100%	Foundation loads	
Efficiency (%)	55.0	68.0	72.0	Max. traction : 1 kgf	
Power Factor	0.94	0.94	0.95	Max. compression : 12 kgf	
Bearing type	:	<u>Drive end</u> 6203 2RS	<u>Non drive end</u> 6202 2RS		
Sealing	:	V'Ring	Without Bearing Seal		
Lubrication interval	:	-	-		
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.		
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# LOAD PERFORMANCE CURVE

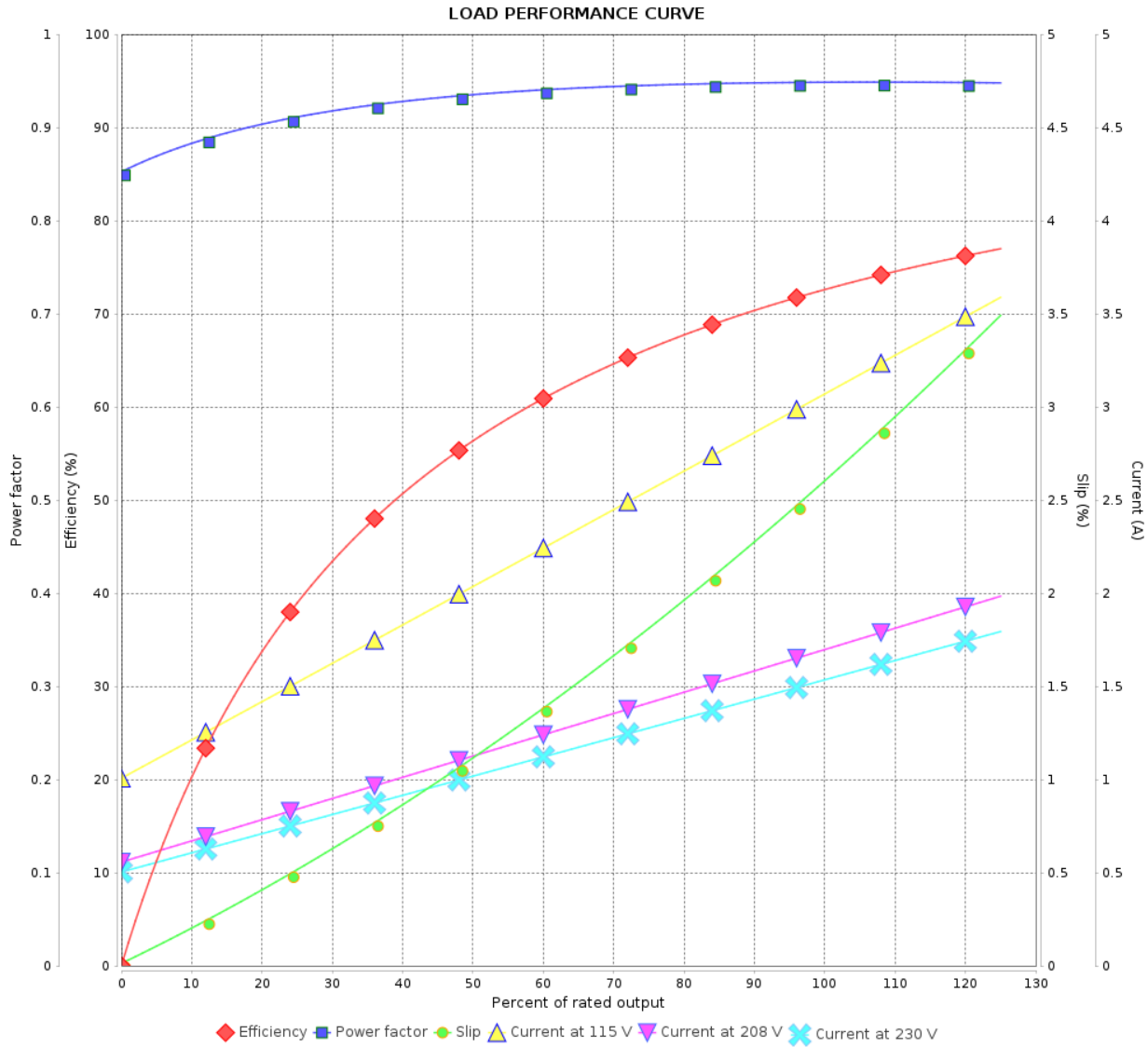
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