

# DATA SHEET



## Three Phase Induction Motor - Squirrel Cage

Customer :					
Product line		: Rolled Steel Jet Pump - J type Premium Efficiency Three-Phase		Product code : 13641595	
Frame	:	W56J	Locked rotor time	: 36s (cold) 20s (hot)	
Output	:	0.5 HP (0.37 kW)	Temperature rise	: 80 K	
Frequency	:	60 Hz	Duty cycle	: Cont.(S1)	
Rated voltage	:	208-230/460 V	Ambient temperature	: -20°C to +40°C	
Poles	:	4	Altitude	: 1000 m.a.s.l.	
Rated current	:	1.72-1.56/0.778 A	Protection degree	: IP55	
	:	6.4x(Code J)	Cooling method	: IC411 - TEFC	
Rated speed	:	1730 rpm	Mounting	: F-1	
Rated torque	:	0.210 kgfm	Rotation <sup>1</sup>	: CCW	
Insulation class	:	F	Noise level <sup>2</sup>	: 50.0 dB(A)	
Service factor	:	1.25	Starting method	: Direct On Line	
Moment of inertia (J)	:	0.0022 kgm <sup>2</sup>	Approx. weight <sup>3</sup>	: 9.5 kg	
Output	25%	50%	75%	100%	
Efficiency (%)	0.000	74.0	77.0	78.5	
Power Factor	0.00	0.54	0.67	0.76	
Foundation loads					
Max. traction : 16 kgf					
Max. compression : 25 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.		
Rev.	Changes Summary		Performed	Checked	Date
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# LOAD PERFORMANCE CURVE

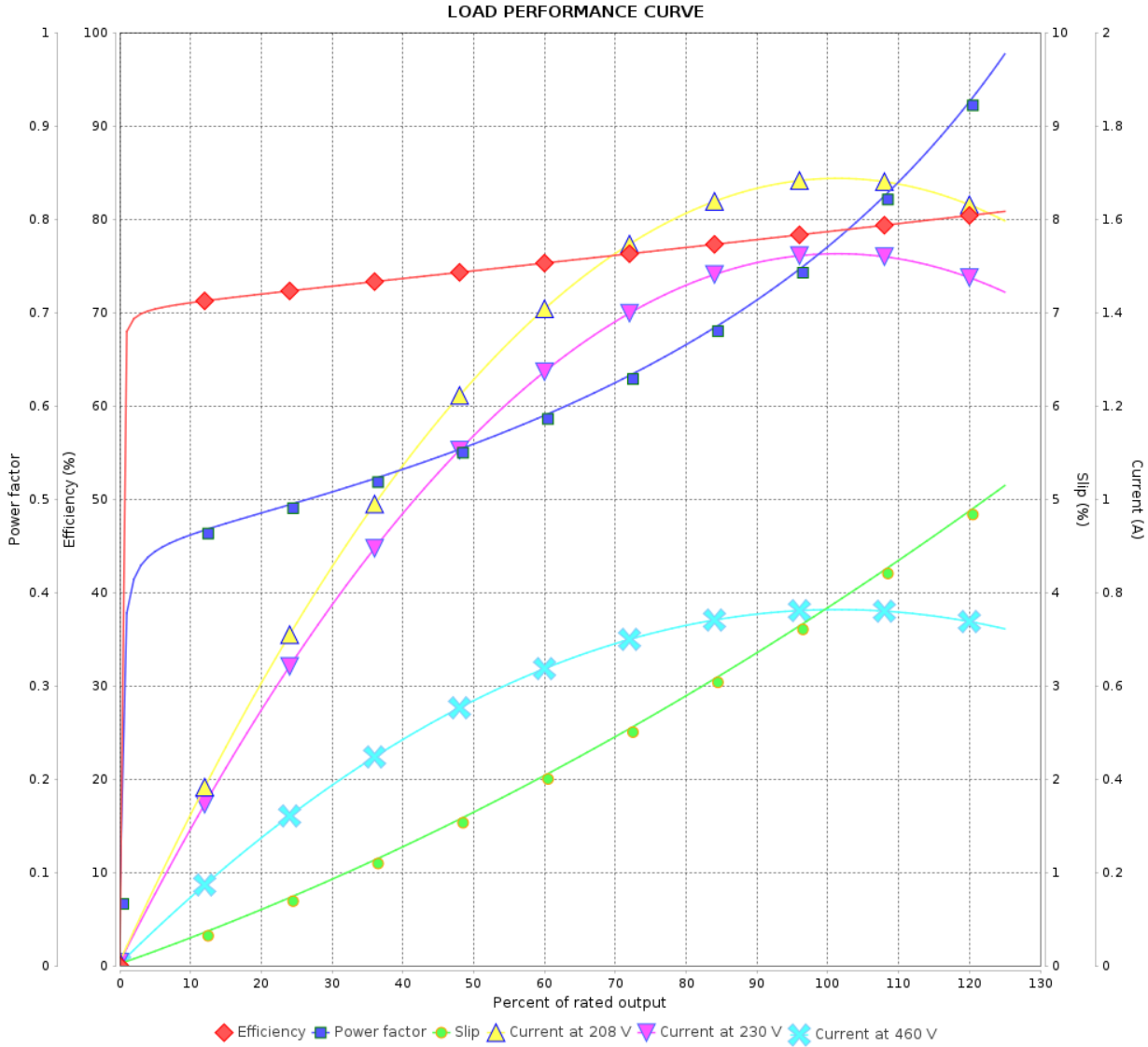
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