

# DATA SHEET

## Three Phase Induction Motor - Squirrel Cage



Customer :				
Product line		: Jet Pump - J type Standard Efficiency Three-Phase	Product code : 14392158	
Frame : W56J		Cooling method : IC01 - ODP		
Insulation class : F		Mounting : F-1		
Duty cycle : Cont.(S1)		Rotation <sup>1</sup> : CCW		
Ambient temperature : -20°C to +40°C		Starting method : Direct On Line		
Altitude : 1000 m.a.s.l.		Approx. weight <sup>3</sup> : 7.0 kg		
		Moment of inertia (J) : 0.0007 kgm <sup>2</sup>		
Output [HP]		0.75		
Poles		2		
Frequency [Hz]		60		
Rated voltage [V]		575		
Rated current [A]		1.08		
L. R. Amperes [A]		7.24		
LRC [A]		6.7x(Code L)		
No load current [A]		0.827		
Rated speed [RPM]		3455		
Slip [%]		4.03		
Rated torque [kgfm]		0.158		
Locked rotor torque [%]		330		
Breakdown torque [%]		350		
Service factor		1.15		
Temperature rise		80 K		
Locked rotor time		25s (cold) 14s (hot)		
Noise level <sup>2</sup>		62.0 dB(A)		
Efficiency (%)	25%			
	50%	64.0		
	75%	70.0		
	100%	72.0		
Power Factor	25%			
	50%	0.48		
	75%	0.61		
	100%	0.71		
Bearing type : 6203 2RS		Drive end	Non drive end	Foundation loads
Sealing : Without				Max. traction : 14 kgf
		Bearing Seal	Bearing Seal	Max. compression : 21 kgf
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.	
Rev.	Changes Summary		Performed	Checked
Performed by				
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# LOAD PERFORMANCE CURVE

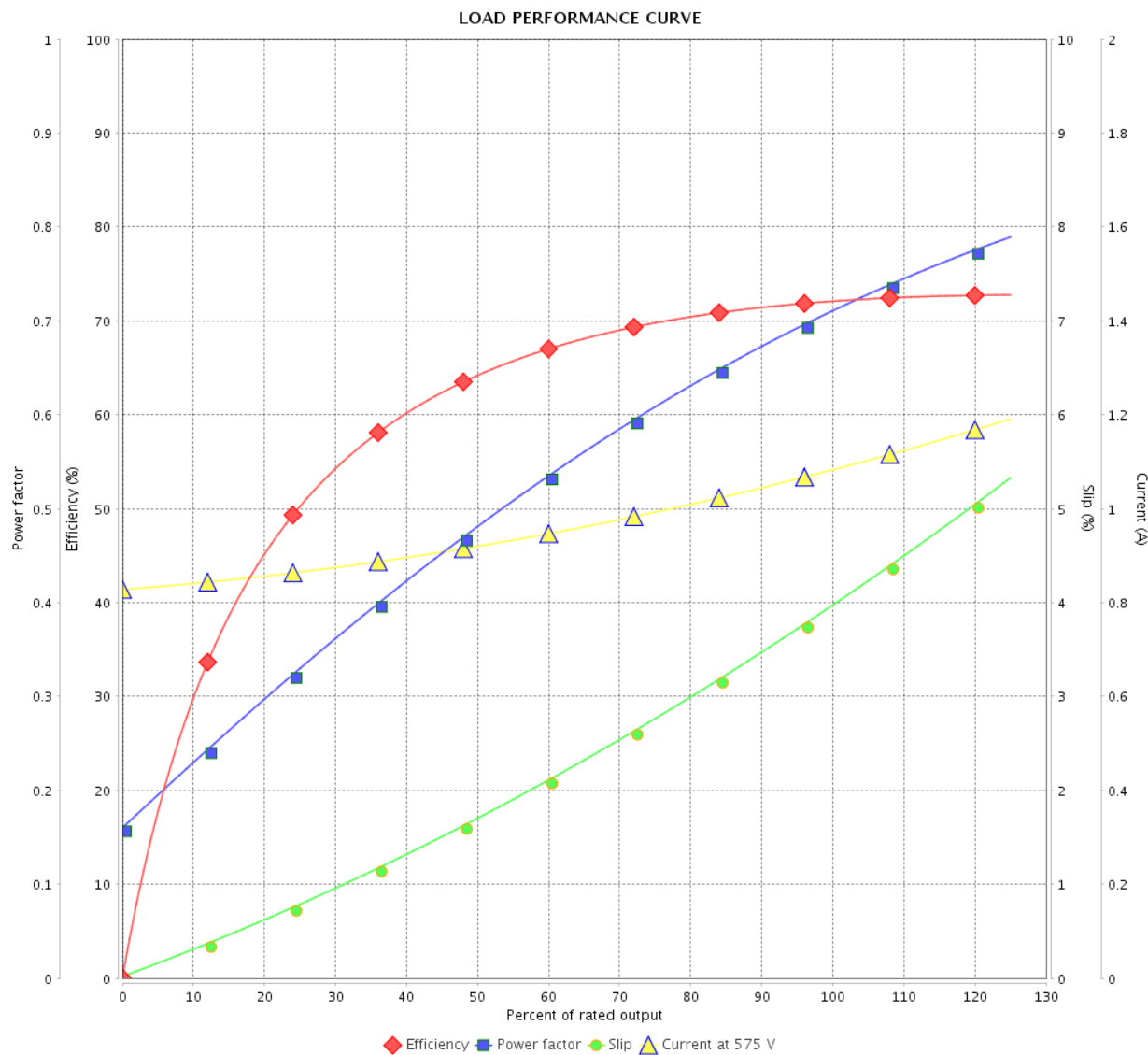
## Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : Jet Pump - J type Standard  
Efficiency Three-Phase

Product code : 14392158



Performance : 575 V 60 Hz 2P

Rated current : 1.08 A  
LRC : 6.7  
Rated torque : 0.158 kgfm  
Locked rotor torque : 330 %  
Breakdown torque : 350 %  
Rated speed : 3455 rpm

Moment of inertia (J) : 0.0007 kgm<sup>2</sup>  
Duty cycle : Cont.(S1)  
Insulation class : F  
Service factor : 1.15  
Temperature rise : 80 K

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Date				

