

DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer :				
Product line	: Jet Pump - C type Three-Phase			
Product code :	14513302			
Frame	: W56C			
Insulation class	: F			
Duty cycle	: Cont.(S1)			
Ambient temperature	: -20°C to +40°C			
Altitude	: 1000 m.a.s.l.			
Cooling method	: IC01 - ODP			
Mounting	: W-6			
Rotation ¹	: CCW			
Starting method	: Direct On Line			
Approx. weight ³	: 7.2 kg			
Moment of inertia (J)	: 0.0006 kgm ²			
Output [HP]	0.5			
Poles	2			
Frequency [Hz]	60			
Rated voltage [V]	575			
Rated current [A]	0.703			
L. R. Amperes [A]	5.13			
LRC [A]	7.3x(Code M)			
No load current [A]	0.480			
Rated speed [RPM]	3450			
Slip [%]	4.17			
Rated torque [kgfm]	0.105			
Locked rotor torque [%]	370			
Breakdown torque [%]	400			
Service factor	1.15			
Temperature rise	80 K			
Locked rotor time	43s (cold) 24s (hot)			
Noise level ²	62.0 dB(A)			
Efficiency (%)	25%			
	50%	62.0		
	75%	68.0		
	100%	73.4		
Power Factor	25%			
	50%	0.53		
	75%	0.65		
	100%	0.72		
Bearing type	: <u>Drive end</u> 6203 2RS <u>Non drive end</u> 6202 2RS			
Sealing	: Without Without Bearing Seal Bearing Seal			
Lubrication interval	: - -			
Lubricant amount	: - -			
Lubricant type	: Mobil Polyrex EM			
Foundation loads	Max. traction : 10 kgf Max. compression : 17 kgf			
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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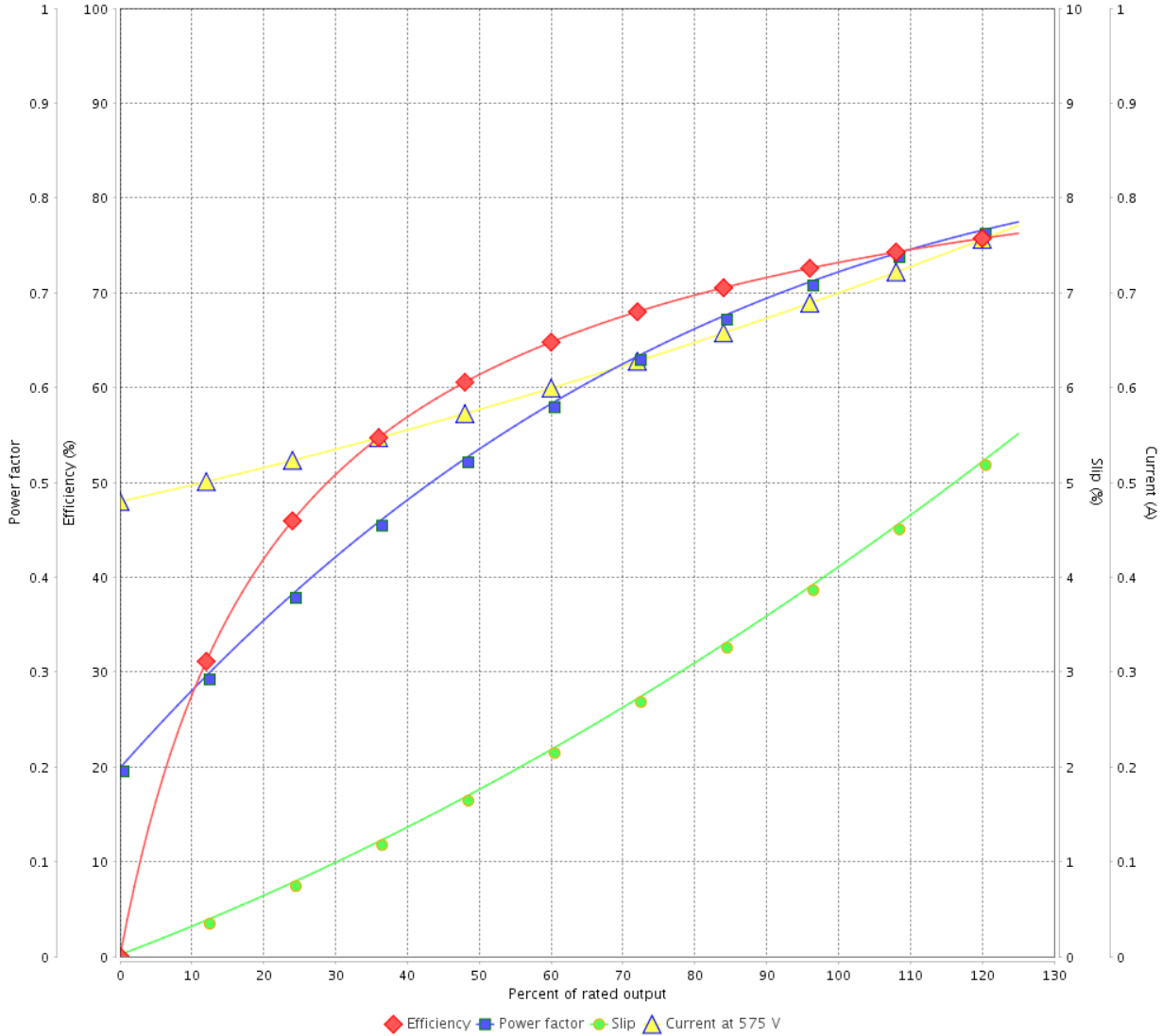
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Customer :

Product line : Jet Pump - C type Three-Phase Product code : 14513302

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Performance : 575 V 60 Hz 2P

Rated current : 0.703 A
 LRC : 7.3
 Rated torque : 0.105 kgfm
 Locked rotor torque : 370 %
 Breakdown torque : 400 %
 Rated speed : 3450 rpm

Moment of inertia (J) : 0.0006 kgm²
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.15
 Temperature rise : 80 K

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