

DATA SHEET



Three Phase Induction Motor - Squirrel Cage

Customer	:			
Product line	: Jet Pump - J type Premium Efficiency Three-Phase	Product code : 15366042		
Frame	: W56J	Cooling method : IC01 - ODP		
Insulation class	: F	Mounting : F-1		
Duty cycle	: Cont.(S1)	Rotation ¹ : CCW		
Ambient temperature	: -20°C to +40°C	Starting method : Direct On Line		
Altitude	: 1000 m.a.s.l.	Approx. weight ³ : 6.5 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		1.60		
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	Foundation loads		
Sealing	: Without Without Bearing Seal Bearing Seal	Max. traction : 10 kgf Max. compression : 16 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	Date
Performed by				
Checked by			Page	Revision
Date	17/05/2022		1 / 2	

LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

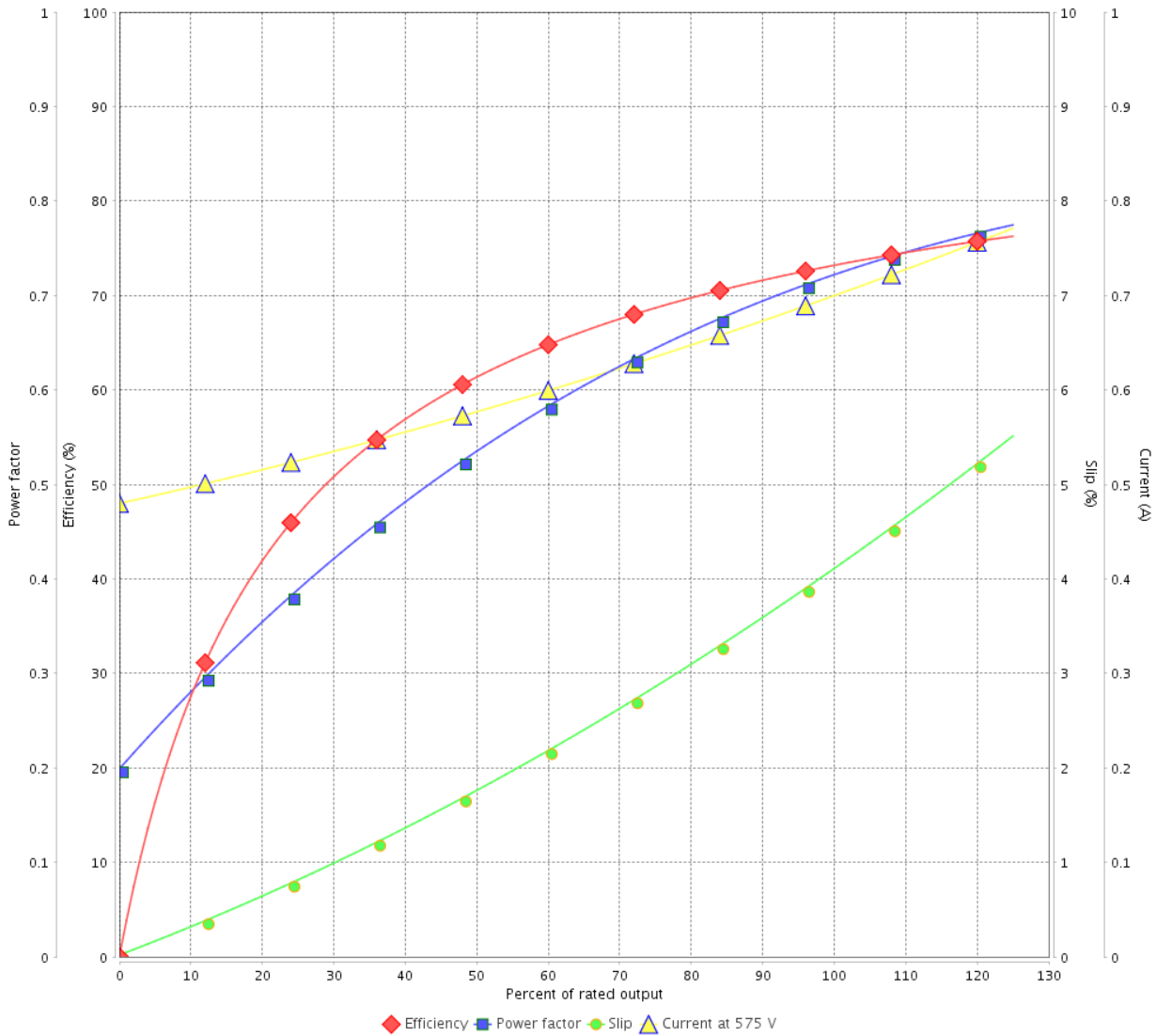


Customer :

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

Product code : 15366042

LOAD PERFORMANCE CURVE



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 : 1.60
Temperature rise : 80 K

Rev.	Changes Summary	Performed	Checked	Date
Performed by			Page	Revision
Checked by				
Date				

