

DATA SHEET



Three Phase Induction Motor - Squirrel Cage

Customer					
Product line	: JP Pump NEMA Premium Efficiency Three-Phase	Product code :	12682726		
Frame	: 213/5JP	Cooling method	: IC01 - ODP		
Insulation class	: F	Mounting	: F-1		
Duty cycle	: Cont.(S1)	Rotation ¹	: Both (CW and CCW)		
Ambient temperature	: -20°C to +40°C	Starting method	: Direct On Line		
Altitude	: 1000 m.a.s.l.	Approx. weight ³	: 57.9 kg		
Design	: B	Moment of inertia (J)	: 0.0433 kgm ²		
Output [HP]	7.5				
Poles	4				
Frequency [Hz]	60				
Rated voltage [V]	575				
Rated current [A]	7.40				
L. R. Amperes [A]	53.3				
LRC [A]	7.2x(Code H)				
No load current [A]	3.51				
Rated speed [RPM]	1770				
Slip [%]	1.67				
Rated torque [kgfm]	3.08				
Locked rotor torque [%]	240				
Breakdown torque [%]	320				
Service factor	1.15				
Temperature rise	80 K				
Locked rotor time	23s (cold) 13s (hot)				
Noise level ²	59.0 dB(A)				
Efficiency (%)	25%				
	50%	89.5			
	75%	90.2			
	100%	91.0			
Power Factor	25%				
	50%	0.65			
	75%	0.77			
	100%	0.82			
Bearing type	: Drive end 6209 ZZ	Non drive end 6206 ZZ	Foundation loads		
Sealing	: Without Bearing Seal	Without Bearing Seal	Max. traction	: 153 kgf	
Lubrication interval	: -	-	Max. compression	: 211 kgf	
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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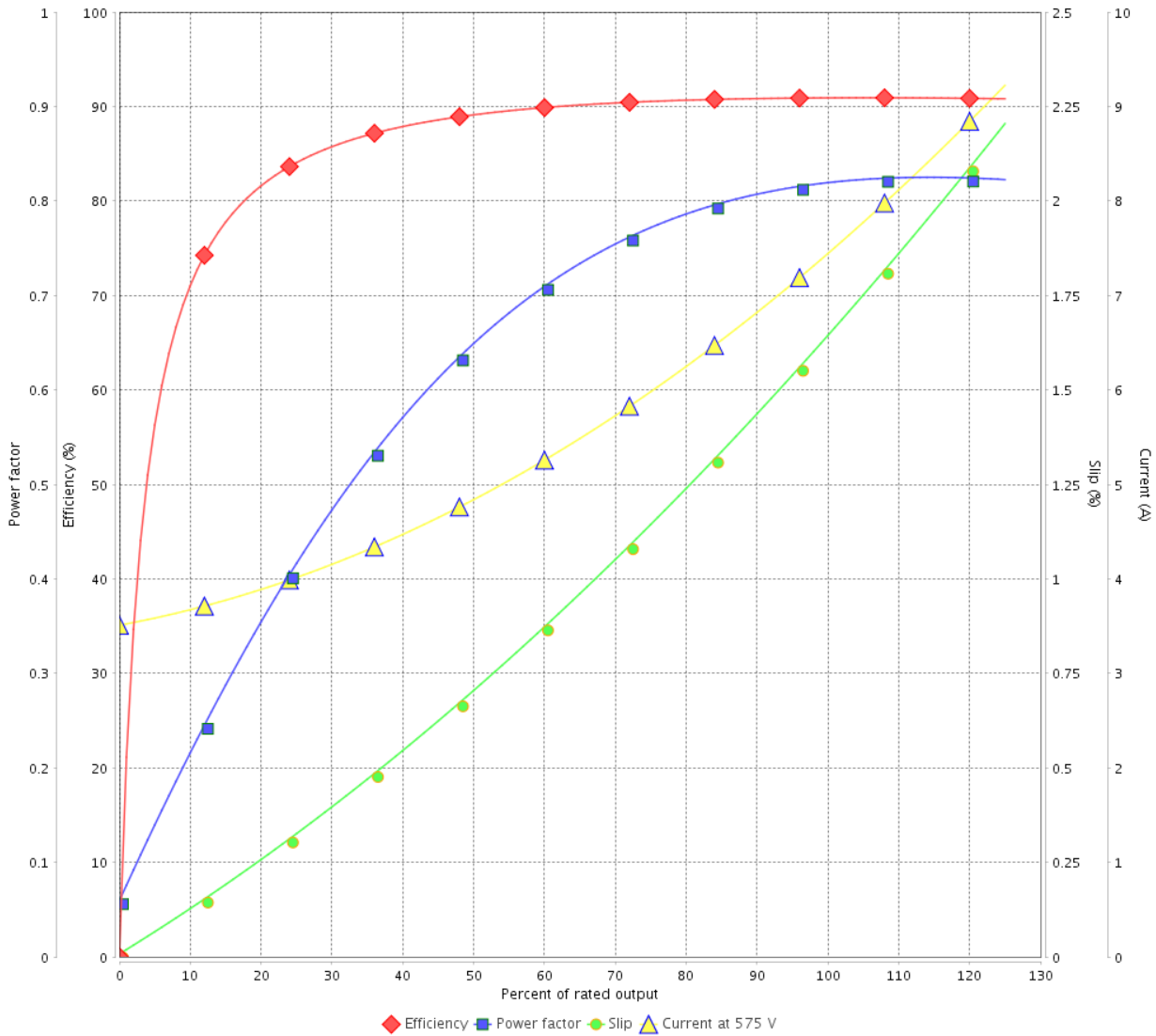


Customer :

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Efficiency Three-Phase

Product code : 12682726

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Performance : 575 V 60 Hz 4P

Rated current : 7.40 A
LRC : 7.2
Rated torque : 3.08 kgfm
Locked rotor torque : 240 %
Breakdown torque : 320 %
Rated speed : 1770 rpm

Moment of inertia (J) : 0.0433 kgm²
Duty cycle : Cont.(S1)
Insulation class : F
Service factor : 1.15
Temperature rise : 80 K
Design : B

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