

DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer					
Product line	: Standard Efficiency Three-Phase	Product code	: 13638773		
Frame	: 56HC	Cooling method	: IC411 - TEFC		
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	: 16.0 kg		
Protection degree	: IP55	Moment of inertia (J)	: 0.0067 kgm ²		
Design	: A				
Output [HP]	1				
Poles	6				
Frequency [Hz]	60				
Rated voltage [V]	575				
Rated current [A]	1.34				
L. R. Amperes [A]	7.48				
LRC [A]	5.6x(Code J)				
No load current [A]	0.920				
Rated speed [RPM]	1145				
Slip [%]	4.58				
Rated torque [kgfm]	0.634				
Locked rotor torque [%]	210				
Breakdown torque [%]	260				
Service factor	1.15				
Temperature rise	80 K				
Locked rotor time	27s (cold) 15s (hot)				
Noise level ²	50.0 dB(A)				
Efficiency (%)	25%				
	50%	72.0			
	75%	75.5			
	100%	77.0			
Power Factor	25%				
	50%	0.50			
	75%	0.63			
	100%	0.73			
Bearing type	: Drive end	6204 ZZ	Non drive end	6202 ZZ	
Sealing	: V'Ring		V'Ring		
Lubrication interval	: -		-		
Lubricant amount	: -		-		
Lubricant type	: Mobil Polyrex EM				
Foundation loads					
Max. traction				: 45 kgf	
Max. compression				: 61 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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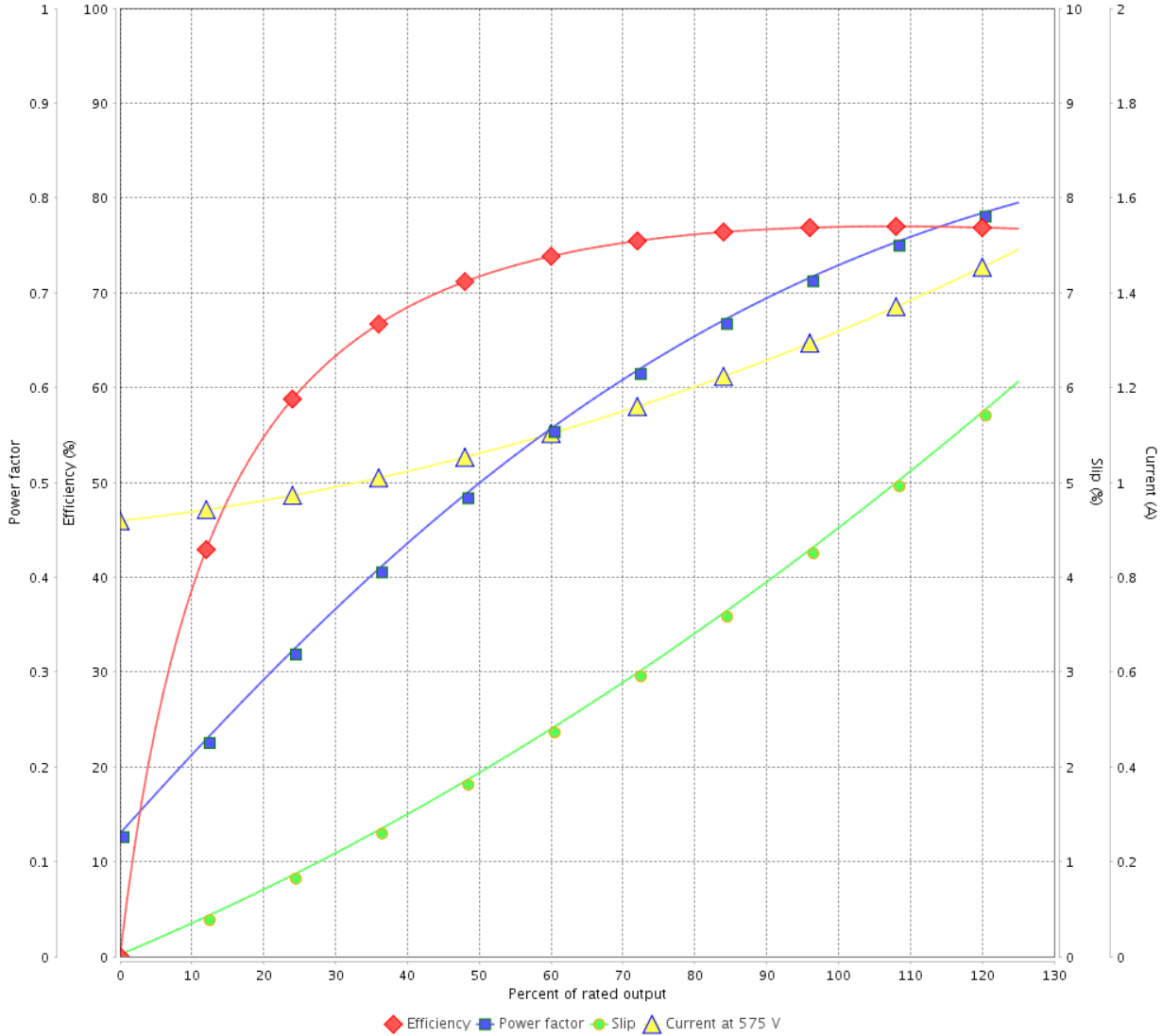
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Customer :

Product line : Standard Efficiency Three-Phase Product code : 13638773

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Performance : 575 V 60 Hz 6P

Rated current : 1.34 A
 LRC : 5.6
 Rated torque : 0.634 kgfm
 Locked rotor torque : 210 %
 Breakdown torque : 260 %
 Rated speed : 1145 rpm

Moment of inertia (J) : 0.0067 kgm²
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.15
 Temperature rise : 80 K
 Design : A

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