DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Product line	Customer		:					
Insulation class	Product line		: Jet Pump - C type Three-Phase Product code :			13722286		
Insulation class	Frame		: 56C		Cooling method	: IC411 - TEFC		
Duty cycle	Insulation class		: F			: W-6		
Ambient temperature	Duty cycle		: Cont.(S1)					
Protection degree		ture		` ,		: Direct On Line		
Design S			: 1000 m.a.s.l.			: 15.4 kg		
Dutput [HP]	Protection degree	9	: IP55	Moment of inertia (J)		: 0.0043 kgm²		
Coles			· · · · · · · · · · · · · · · · · · ·					
Rated voltage [V] 575 8 8 8 8 8 8 8 8 8								
Stated voltage V S75 Stated current A Stated speed RPM Stated speed RPM Stated speed RPM Stated speed RPM Stated current A Stated speed RPM Stated torque Kgfm Stated torque K								
Rated current [A]								
13.6								
Part			1.50					
No load current [A]			13.6					
Sip %			9.1x(Code L)					
Sip [%] 2.22								
Rated torque [kgfm]		1]						
Cocked rotor torque [%] 229 300 30								
Sereakdown torque [%] 300								
Service factor 1.15								
Sealing Seal		[%]						
Cocked rotor time	Service factor							
Solution Solution	Temperature rise							
Efficiency (%)								
S0% 80.0	Noise level ²		68.0 dB(A)					
Power Factor 75% 82.5 84.0								
Power Factor	Efficiency (%)							
Power Factor	Lincicity (70)							
Drive end Non drive end Max. traction 22 kgf			84.0					
75% 0.82								
75% 0.82	Power Factor							
Bearing type : 6203 2RS 6202 2RS	Power Pactor							
Bearing type : 6203 2RS 6202 2RS Max. traction : 22 kgf Sealing : V'Ring V'Ring Max. compression : 37 kgf Lubricant amount : Lubricant type : Mobil Polyrex EM		100%			0.88			
Sealing : V'Ring V'Ring Max. compression : 37 kgf Lubricant amount : Lubricant type : Mobil Polyrex EM			Drive end		Foundation loads			
Lubrication interval : Lubricant amount : Lubricant type : Mobil Polyrex EM	Bearing type		: 6203 2RS	6202 2RS	Max. traction	: 22 kgf		
Lubrication interval : Lubricant amount : Lubricant type : Mobil Polyrex EM	Sealing		: V'Ring	V'Ring	Max. compression			
Lubricant amount : Lubricant type : Mobil Polyrex EM		al	: -	-	•	-		
· · · · · · · · · · · · · · · · · · ·			:					
Notes	Lubricant type		: Mobil Polyrex EM					
11000	Notes				<u> </u>			
	140103							

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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Rev.	Changes Summary			Performed	Checked	Date
Performed by						
Checked by					Page	Revision
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LOAD PERFORMANCE CURVE

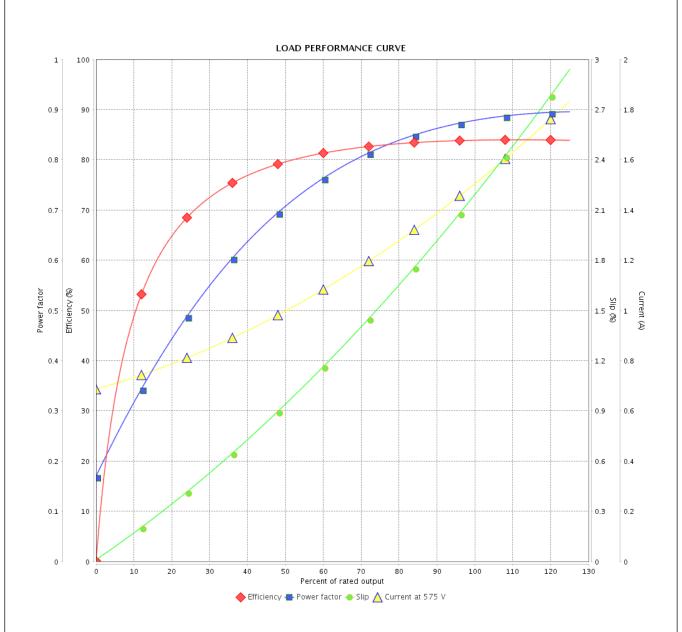
Three Phase Induction Motor - Squirrel Cage



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Checked by

Product line : Jet Pump - C type Three-Phase Product code : 13722286



Performance		: 575 V 60 Hz 2P				
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed		: 1.50 A : 9.1 : 0.309 kgfm : 229 % : 300 % : 3520 rpm	Duty cycl Insulation Service f	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		
Rev.		Changes Summary		Performed	Checked	Date
Performed by						

Date	17/05/2022		2/2		
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