

DATA SHEET



Three Phase Induction Motor - Squirrel Cage

Customer	:				
Product line	: Jet Pump - J type Standard Efficiency Three-Phase	Product code :	14392158		
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	: 7.0 kg		
		Moment of inertia (J)	: 0.0007 kgm ²		
Output [HP]	0.75				
Poles	2				
Frequency [Hz]	60				
Rated voltage [V]	575				
Rated current [A]	1.08				
L. R. Amperes [A]	7.24				
LRC [A]	6.7x(Code L)				
No load current [A]	0.827				
Rated speed [RPM]	3455				
Slip [%]	4.03				
Rated torque [kgfm]	0.158				
Locked rotor torque [%]	330				
Breakdown torque [%]	350				
Service factor	1.15				
Temperature rise	80 K				
Locked rotor time	25s (cold) 14s (hot)				
Noise level ²	62.0 dB(A)				
Efficiency (%)	25%				
	50%	64.0			
	75%	70.0			
	100%	72.0			
Power Factor	25%				
	50%	0.48			
	75%	0.61			
	100%	0.71			
Bearing type	: Drive end 6203 2RS	Non drive end 6202 2RS	Foundation loads		
Sealing	: Without	Without	Max. traction	: 14 kgf	
	Bearing Seal	Bearing Seal	Max. compression	: 21 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					
Date	16/05/2022			Page	Revision
				1 / 2	

LOAD PERFORMANCE CURVE

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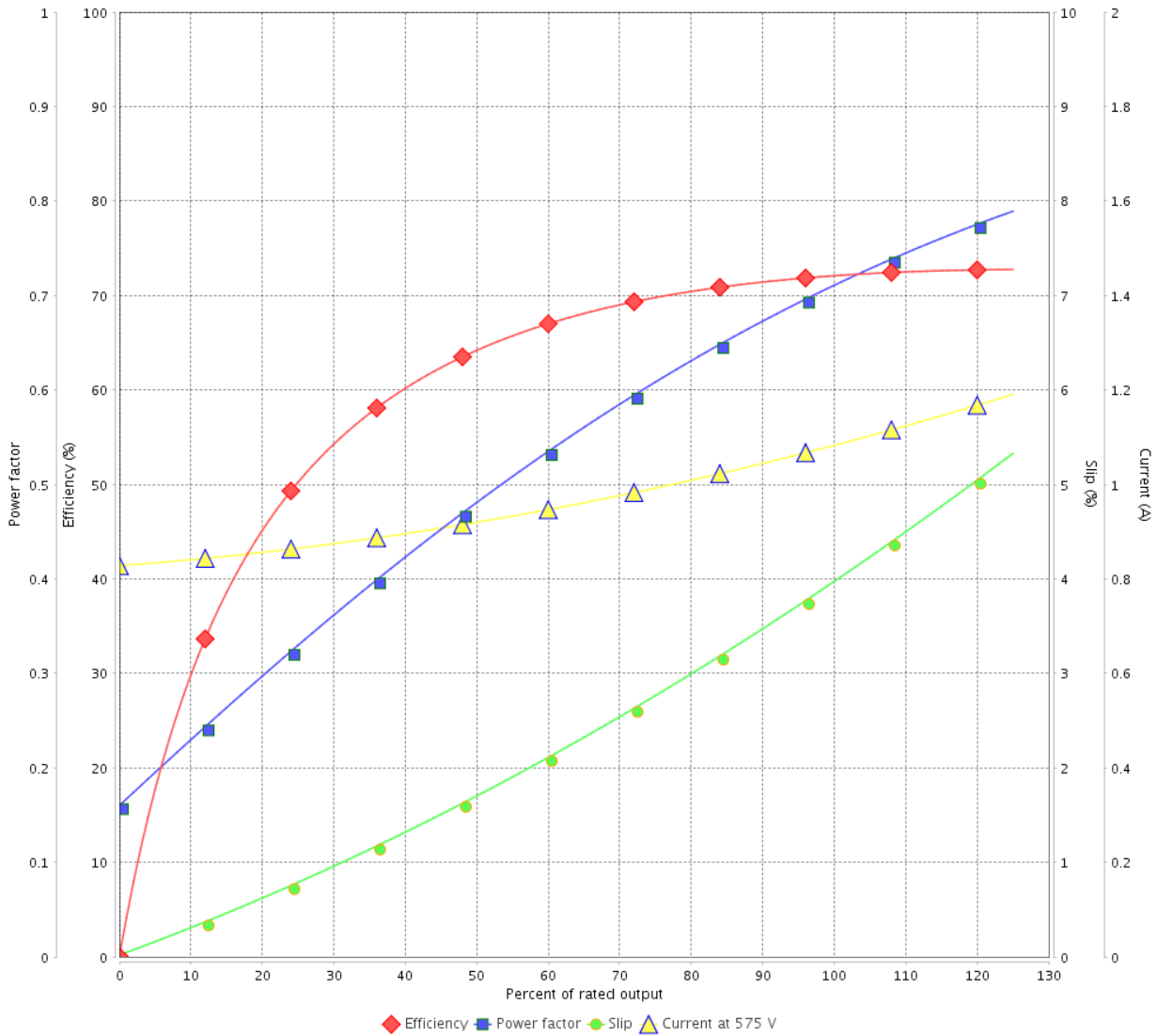


Customer :

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

Product code : 14392158

LOAD PERFORMANCE CURVE



Performance : 575 V 60 Hz 2P

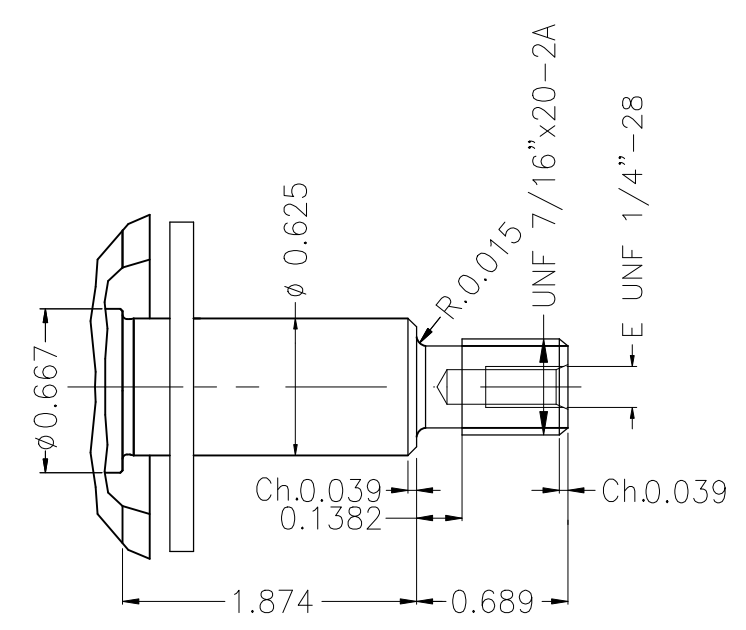
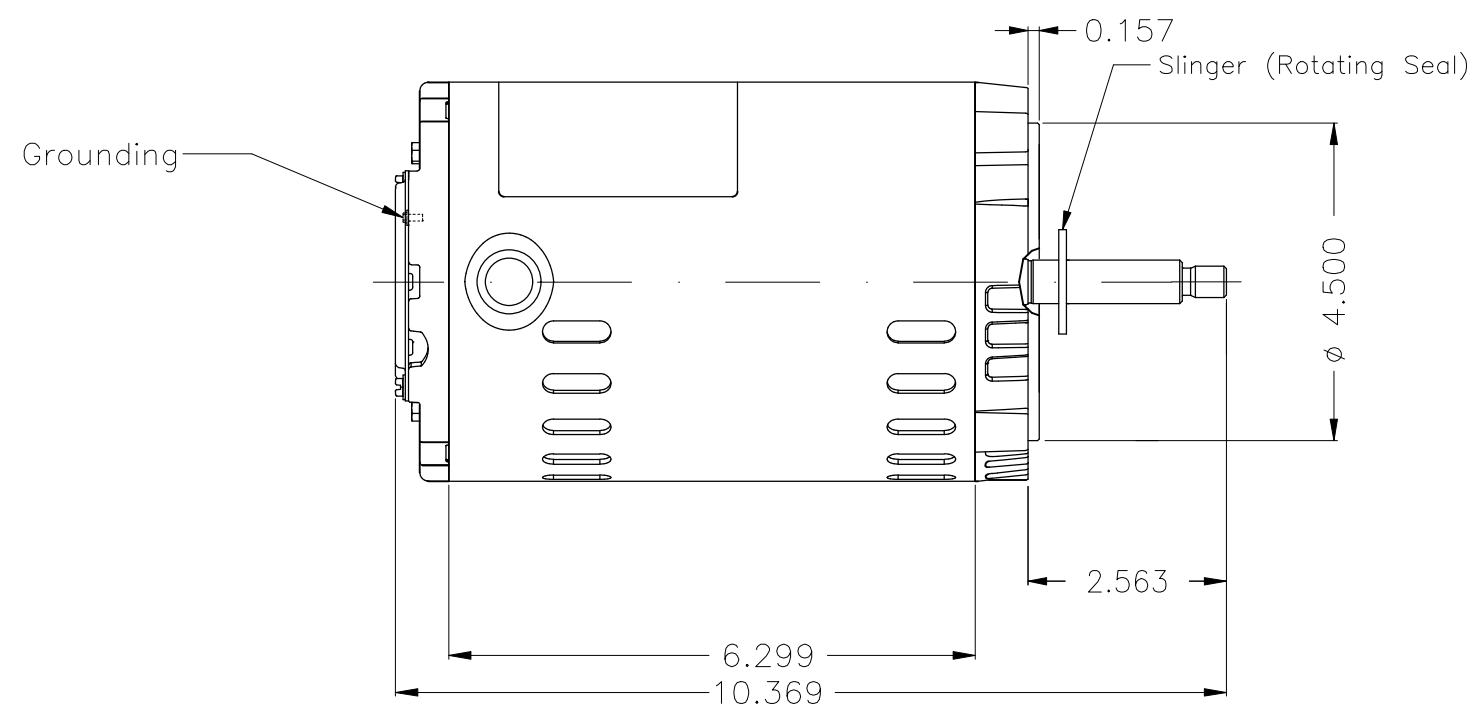
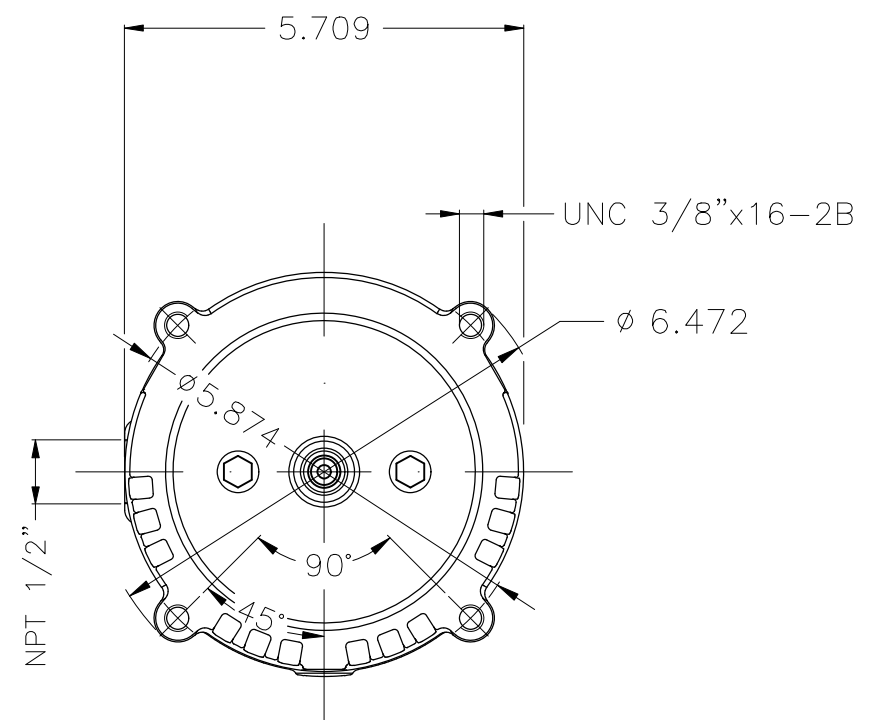
Rated current : 1.08 A
LRC : 6.7
Rated torque : 0.158 kgfm
Locked rotor torque : 330 %
Breakdown torque : 350 %
Rated speed : 3455 rpm

Moment of inertia (J) : 0.0007 kgm²
Duty cycle : Cont.(S1)
Insulation class : F
Service factor : 1.15
Temperature rise : 80 K

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

A
B
C
D
E

1 2 3 4 5 6



Color Munsell N 1 matte black					
Painting plan 207N					
Mounting F-1/B14R(D)					
			HYBRISUSER		00
ECM	LOC	SUMMARY OF MODIFICATIONS	EXECUTED	CHECKED	RELEASED
EXECUTED	HYBRISUSER	THREE PH. MOTOR ROLLED STEEL JET PUMP THREADED			
CHECKED		FRAME W56J IP21 ODP			
RELEASED					
REL. DATE	WMO	Product Engineering	SHEET	1 / 1	

0.75 HP 02 Poles 60 Hz

A

Dimensions in inches XME A3

