

DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer :					
Product line		: Jet Pump - J type Premium Efficiency Three-Phase		Product code : 15942858	
Frame	: W56J	Cooling method	: IC411 - TEFC		
Insulation class	: F	Mounting	: W-6		
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	: 7.9 kg		
Protection degree	: IP55	Moment of inertia (J)	: 0.0008 kgm ²		
Output [HP]	0.5				
Poles	2				
Frequency [Hz]	60				
Rated voltage [V]	575				
Rated current [A]	0.627				
L. R. Amperes [A]	4.83				
LRC [A]	7.7x(Code L)				
No load current [A]	0.334				
Rated speed [RPM]	3435				
Slip [%]	4.58				
Rated torque [kgfm]	0.106				
Locked rotor torque [%]	330				
Breakdown torque [%]	360				
Service factor	1.15				
Temperature rise	80 K				
Locked rotor time	32s (cold) 18s (hot)				
Noise level ²	65.0 dB(A)				
Efficiency (%)	25%				
	50%	68.0			
	75%	72.0			
	100%	74.0			
Power Factor	25%				
	50%	0.64			
	75%	0.75			
	100%	0.80			
Bearing type	: Drive end 6203 2RS	Non drive end 6202 2RS	Foundation loads		
Sealing	: V'Ring	V'Ring	Max. traction : 8 kgf		
Lubrication interval	: -	-	Max. compression : 16 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.		
Rev.	Changes Summary		Performed	Checked	Date
Performed by					
Checked by					
Date	16/05/2022			Page 1 / 2	Revision

LOAD PERFORMANCE CURVE

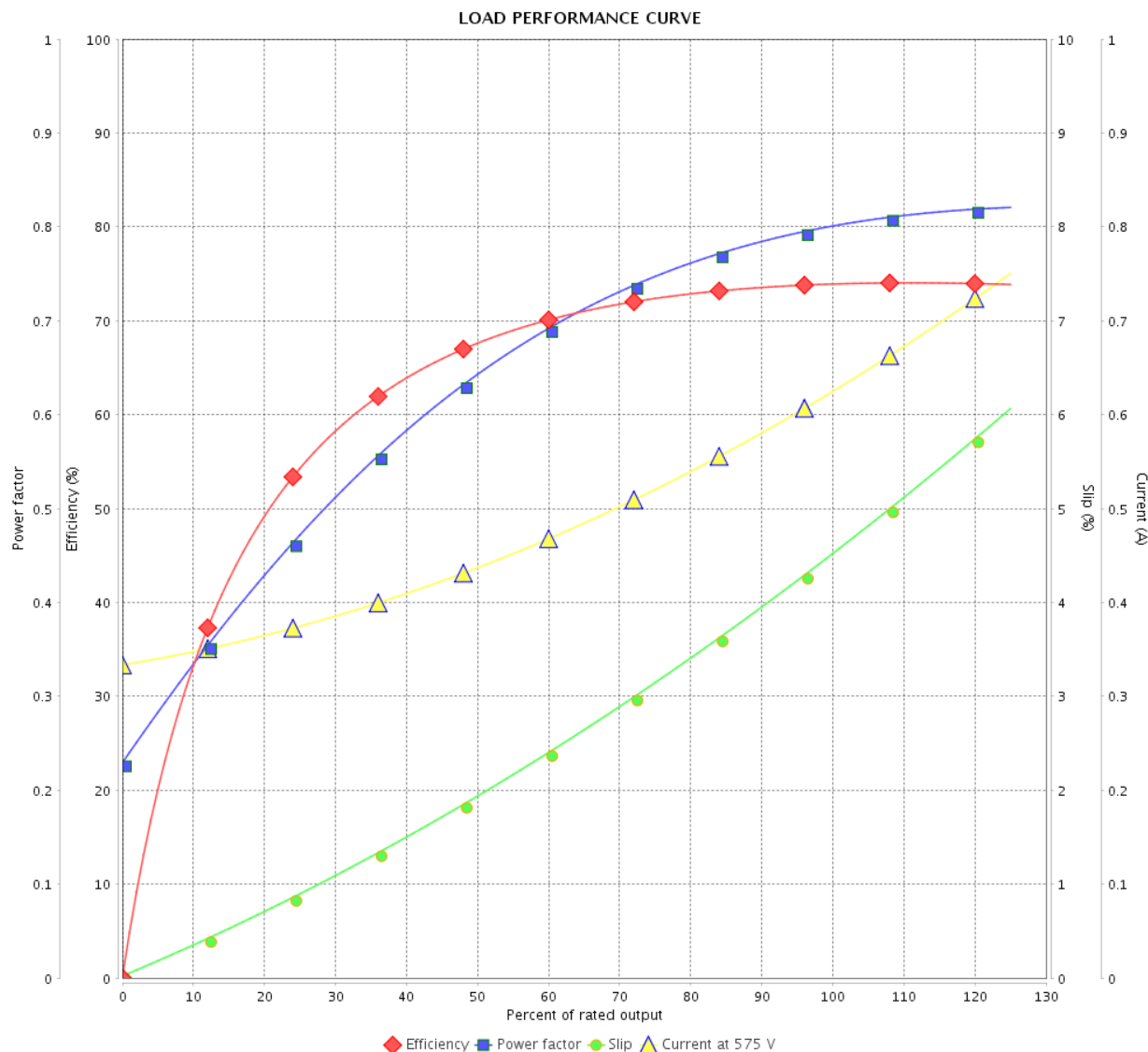
Three Phase Induction Motor - Squirrel Cage



Customer :

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

Product code : 15942858



Performance : 575 V 60 Hz 2P

Rated current : 0.627 A
LRC : 7.7
Rated torque : 0.106 kgfm
Locked rotor torque : 330 %
Breakdown torque : 360 %
Rated speed : 3435 rpm

Moment of inertia (J) : 0.0008 kgm²
Duty cycle : Cont.(S1)
Insulation class : F
Service factor : 1.15
Temperature rise : 80 K

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