

DATA SHEET



Single Phase Induction Motor - Squirrel Cage

Customer :						
Product line : General Single-Phase		Product code : 10023060				
Frame : B56 Output : 0.75 HP (0.55 kW) Poles : 4 Frequency : 60 Hz Rated voltage : 115/208-230 V Rated current : 10.6/5.20-5.30 A L. R. Amperes : 65.7/32.2-32.9 A LRC : 6.2x(Code M) No load current : 8.00/3.45-4.00 A Rated speed : 1745 rpm Slip : 3.06 % Rated torque : 0.312 kgfm Locked rotor torque : 300 % Breakdown torque : 250 % Insulation class : B Service factor : 1.15 Moment of inertia (J) : 0.0041 kgm ²	Locked rotor time : 10s (cold) 6s (hot) Temperature rise : 80 K Duty cycle : Cont.(S1) Ambient temperature : -20°C to +40°C Altitude : 1000 m.a.s.l. Protection degree : IP55 Cooling method : IC411 - TEFC Mounting : F-1 Rotation ¹ : Both (CW and CCW) Noise level ² : 55.0 dB(A) Starting method : Direct On Line Approx. weight ³ : 12.3 kg					
Output	50%	75%	100%	Foundation loads		
Efficiency (%)	58.5	66.0	68.5	Max. traction : 19 kgf		
Power Factor	0.47	0.58	0.66	Max. compression : 31 kgf		
		<u>Drive end</u>		<u>Non drive end</u>		
Bearing type	:	6203 ZZ		6202 ZZ		
Sealing	:	V'Ring		V'Ring		
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
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Checked by					Page	Revision
Date	14/01/2024				1 / 2	

LOAD PERFORMANCE CURVE

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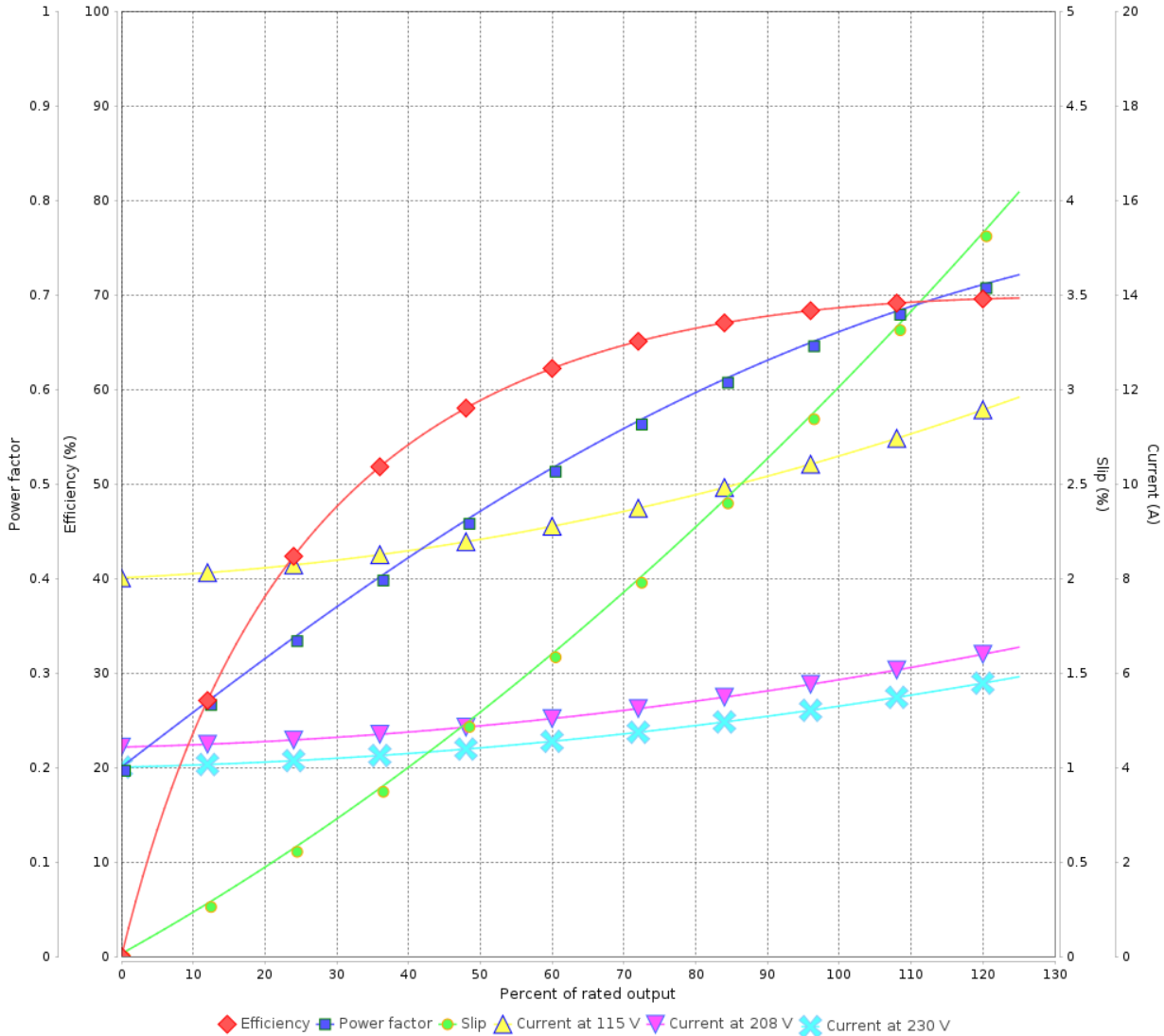


Customer :

Product line : General Single-Phase

Product code : 10023060

LOAD PERFORMANCE CURVE



Performance : 115/208-230 V 60 Hz 4P

Rated current : 10.6/5.20-5.30 A
 LRC : 6.2
 Rated torque : 0.312 kgfm
 Locked rotor torque : 300 %
 Breakdown torque : 250 %
 Rated speed : 1745 rpm

Moment of inertia (J) : 0.0041 kgm²
 Duty cycle : Cont.(S1)
 Insulation class : B
 Service factor :
 Temperature rise : 80 K

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