## **DATA SHEET**

## Three Phase Induction Motor - Squirrel Cage



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Customer	:				
Product line	: Gei Phas		remium Efficiency <sup>-</sup>	Three- Product code :	13224317
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor tor Breakdown torq Insulation class Service factor Moment of inerti	ue	: E143/5T : 1.5 HP (1 : 4 : 60 Hz : 575 V : 1.76 A : 15.8 A : 9.0x(Coo : 1.12 A : 1740 rpn : 3.33 % : 0.626 kg : 360 % : 340 % : F : 1.15 : 0.0067 k	l.1 kW) le M) n	Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation¹ Noise level² Starting method Approx. weight³	: 27s (cold) 15s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP21 : IC01 - ODP : F-1 : Both (CW and CCW) : 52.0 dB(A) : Direct On Line : 20.6 kg
Output	50%	75%	100%	Foundation loads	. FO leaf
Efficiency (%) Power Factor	82.5 0.52	85.5 0.66	86.5 0.75	Max. traction Max. compression	: 50 kgf : 71 kgf
Bearing type Sealing Lubrication inter Lubricant amour Lubricant type		: : Wit :	Drive end 6205 ZZ hout Bearing Seal - - Mo	Non drive end 6204 ZZ Without Bearing - - - bil 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				Page	Revision
Date	05/05/2024			1/2	

## LOAD PERFORMANCE CURVE

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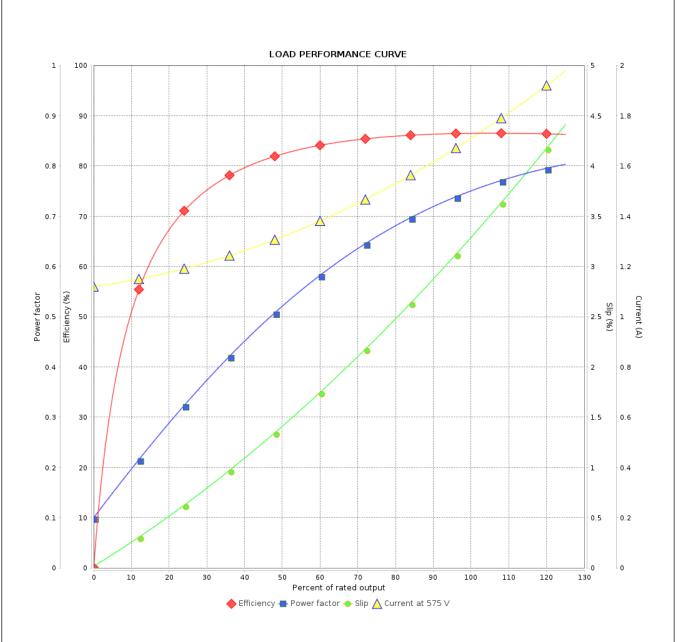


Customer :

Product line : General NEMA Premium Efficiency Three-

Phase

Product code: 13224317



Performance	: 5	: 575 V 60 Hz 4P							
Rated current LRC Rated torque Locked rotor torq Breakdown torqu Rated speed	: 9 : 0 : ue : 3	Moment of inertia (J) Duty cycle Description Duty cycle Insulation class Service factor Temperature rise Design		: 0.0067 kgm² : Cont.(S1) : F : 1.15 : 80 K : B					
Rev.		Changes Summary		Performed	Checked	Date			
Performed by Checked by		_			Page	Revision			

2/2

05/05/2024

Date