## **DATA SHEET**

## Three Phase Induction Motor - Squirrel Cage



Customer	:				
Product line	: OE Pha		nium Efficiency Thre	ee- Product code :	12007862
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 inert Design	que ue	: 404/5TS : 125 HP : 2 : 60 Hz : 575 V : 106 A : 692 A : 6.5x(Coo : 22.4 A : 3560 rpn : 1.11 % : 25.5 kgfr : 180 % : 280 % : F : 1.15 : 0.4305 k	de F) n m	Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation¹ Noise level² Starting method Approx. weight³	: 19s (cold) 11s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP23 : IC01 - ODP : F-1 : Both (CW and CCW) : 84.0 dB(A) : Direct On Line : 428 kg
Output Efficiency (%) Power Factor	50% 94.1 0.83	75% 94.5 0.88	100% 94.5 0.90	Foundation loads Max. traction Max. compression	: 488 kgf : 916 kgf
Bearing type Sealing Lubrication interval Lubricant amount Lubricant type		: : Wit :	Drive end 6314 C3 hout Bearing Seal 14418 h 27 g Mo	Non drive end 6314 C3 Without Bearing 14418 h 27 g 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	05/02/2024			1/2	

## LOAD PERFORMANCE CURVE

## Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : ODP NEMA Premium Efficiency Three-

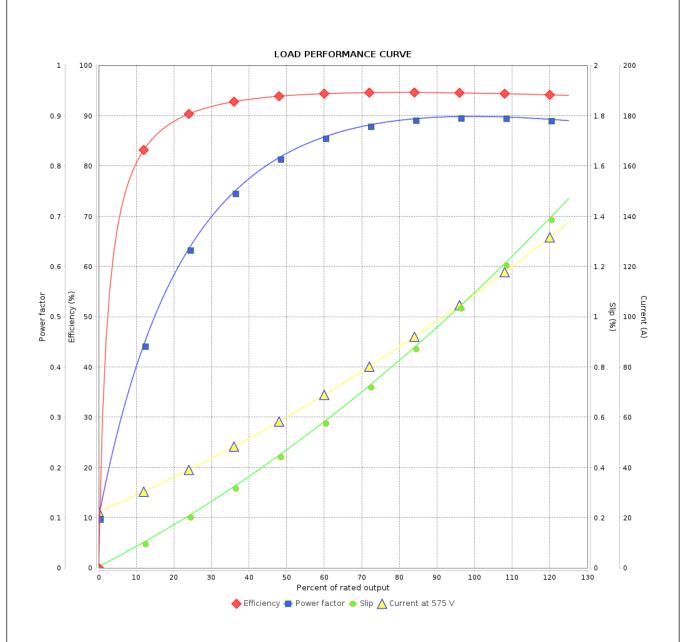
Product code:

12007862



05/02/2024

Date



Performance	: 575 V 60 Hz 2P						
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed	: 106 A : 6.5 : 25.5 kgfm : 180 % : 280 % : 3560 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 0.4305 kgm² : Cont.(S1) : F : 1.15 : 80 K : B			
Rev.	Changes Summary		Performed	Checked	Date		
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Checked by				Page	Revision		

2/2