## **DATA SHEET**

## Three Phase Induction Motor - Squirrel Cage



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Customer	:					_
Product line		: ODP NEMA Premium Efficiency Product code : Three-Phase			11914799	
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor tord Breakdown torqu Insulation class Service factor Moment of inerti Design	ie	: 256TC : 25 HP (1) : 2 : 60 Hz : 575 V : 23.8 A : 155 A : 6.5x(Cod : 8.80 A : 3530 rpm : 1.94 % : 5.14 kgfn : 200 % : 260 % : F : 1.15 : 0.0456 kg	e G) I	Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation¹ Noise level² Starting method Approx. weight³	: 16s (cold) 9s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP23 : IC01 - ODP : F-1 : Both (CW and CCW) : 67.0 dB(A) : Direct On Line : 110 kg	
Output Efficiency (%) Power Factor	50% 91.0 0.73	75% 91.7 0.82	100% 91.7 0.85	Foundation loads Max. traction Max. compression	: 155 kgf : 265 kgf	
Bearing type Sealing Lubrication interval Lubricant amount Lubricant type		: : Wit :	Drive end 6309 Z C3 hout Bearing Seal 20000 h 13 g	Non drive end 6209 Z C3 Without Bearing 20000 h 9 g bil Polyrex EM	<del>-</del>	-

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	13/11/2025	1			1/2			

## LOAD PERFORMANCE CURVE

## Three Phase Induction Motor - Squirrel Cage



Customer :

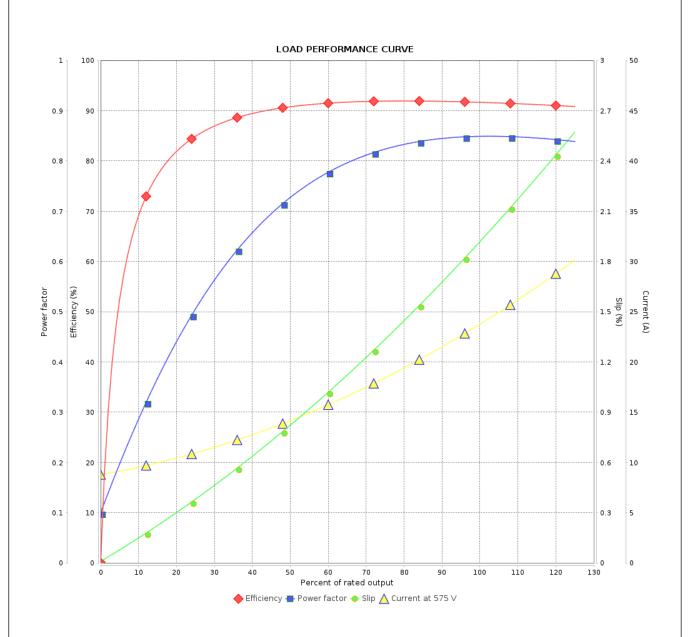
Date

13/11/2025

Product line : ODP NEMA Premium Efficiency

Three-Phase

Product code: 11914799



Performance : 575 V 60 Hz 2P : 0.0456 kgm<sup>2</sup> Rated current : 23.8 A Moment of inertia (J) **LRC** Duty cycle : Cont.(S1) : 6.5 Insulation class Rated torque : 5.14 kgfm : F Locked rotor torque : 200 % Service factor : 1.15 Breakdown torque : 260 % Temperature rise : 80 K Rated speed : 3530 rpm Design : B Rev. Performed Checked Date **Changes Summary** Performed by Checked by Revision Page

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