DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer	:					
Product line		: ODP Hig	gh Efficiency Three-	Phase	Product code :	11996630
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torque Breakdown torque Insulation class Service factor Moment of inertia (J)		: 2 : 60 Hz : 575 V : 19.4 A : 113 A : 5.8x(Coo : 6.56 A : 3525 rpn : 2.08 %	: 254TC : 20 HP (15 kW) : 2 : 60 Hz : 575 V : 19.4 A : 113 A : 5.8x(Code G) : 6.56 A : 3525 rpm : 2.08 % : 4.12 kgfm : 160 % : 250 % : F : 1.15		d rotor time erature rise cycle ent temperature e ction degree g method ing on¹ level² g method x. weight³	: 18s (cold) 10s (hot) : 105 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP23 : IC01 - ODP : F-1 : Both (CW and CCW) : 66.0 dB(A) : Direct On Line : 92.8 kg
Output Efficiency (%) Power Factor	50% 89.5 0.74	75% 90.2 0.83	100% 90.2 0.86	Max. tr	ation loads action ompression	: 115 kgf : 208 kgf
	Drive end Non dr Bearing type : 6309 Z C3 620 Sealing : Without Bearing Seal Without E Lubrication interval : 20000 h 20 Lubricant amount : 13 g		Non drive end 6209 Z C3 Without Bearing 20000 h 9 g	•		

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				1/2	

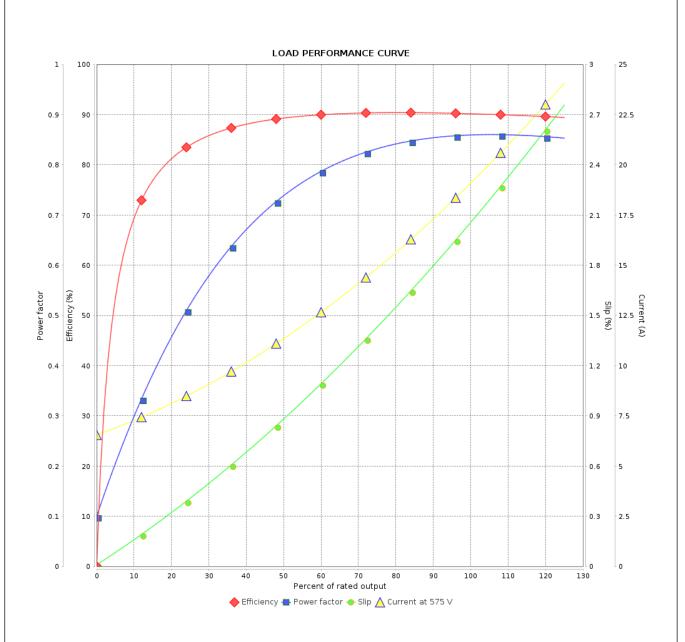
LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage



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Product line : ODP High Efficiency Three-Phase Product code : 11996630



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Performance		: 575 V 60 Hz 2P						
Rated current LRC Rated torque		: 19.4 A : 5.8 : 4.12 kgfm	Duty cycle	Moment of inertia (J) Duty cycle Insulation class		: 0.0338 kgm² : Cont.(S1) : F		
Locked rotor torque Breakdown torque Rated speed		: 160 % : 250 % : 3525 rpm		Service factor Temperature rise Design				
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