## **DATA SHEET**

### Three Phase Induction Motor - Squirrel Cage



Customer Product line : W22 NEMA Premium Efficiency Three-Product code: 16500239 Locked rotor time Frame : 586/7T : 36s (cold) 20s (hot) Output : 350 HP (260 kW) Temperature rise : 80 K Poles Duty cycle : Cont.(S1) Frequency : 60 Hz Ambient temperature : -20°C to +40°C : 208-230/460 V : 1000 m.a.s.l. Rated voltage Altitude Rated current : 1040-941/471 A Protection degree : IP55 Cooling method : IC411 - TEFC L. R. Amperes : 7904-7152/3580 A **LRC** : 7.6x(Code K) Mounting : F-1 : Both (CW and CCW) No load current : 406-484/242 A Rotation<sup>1</sup> Rated speed : 895 rpm Noise level<sup>2</sup> : 75.0 dB(A) Slip : 0.56 % Starting method : Direct On Line Rated torque : 284 kgfm Approx. weight<sup>3</sup> : 2034 kg Locked rotor torque : 210 % Breakdown torque : 320 % : F Insulation class Service factor : 1.15 : 19.2 kgm<sup>2</sup> Moment of inertia (J) 25% Output 50% 75% 100% Foundation loads 94.7 Efficiency (%) 0.000 95.0 95.0 Max. traction : 5201 kgf Power Factor 0.00 0.54 0.67 0.73 Max. compression : 7235 kgf Drive end Non drive end NU-322 C3 Bearing type 6319 C3 Taconite Labyrinth Taconite Labyrinth Sealing Lubrication interval 13000 h 17000 h Lubricant amount 60 g 45 g

Mobil Polyrex EM

Notes

Lubricant type

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	22/10/2023				1/3	

# DATA SHEET



Three Phase Induction Motor - Squirrei Cage							
Customer :							
V. II	//000 040 \ /	Space heater informa	tion				
Voltage: 110-127	7200-240 V						
Rev.		Changes Summary	Performed	Checked	Date		
Performed by Checked by				Page	Revision		
Date	22/10/2023			2/3	IZGNOIOH		

# LOAD PERFORMANCE CURVE

### Three Phase Induction Motor - Squirrel Cage

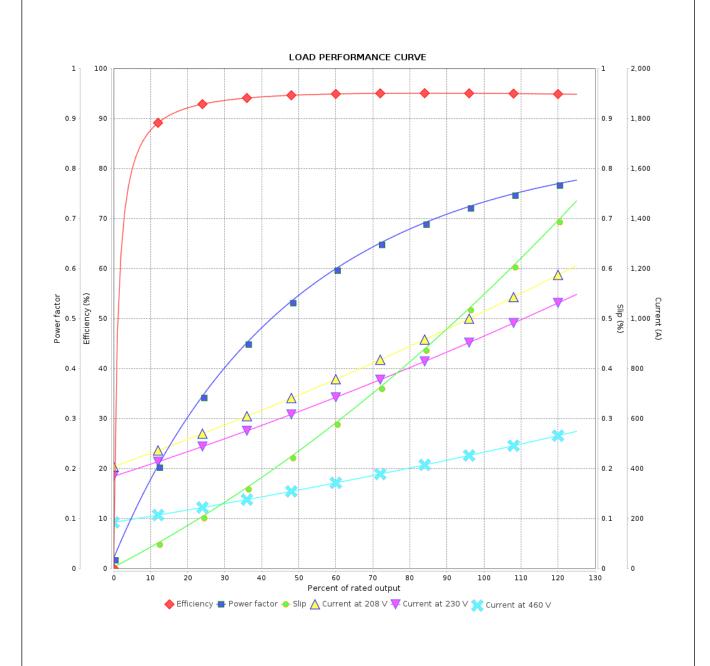


Customer :

Product line : W22 NEMA Premium Efficiency Three- Product

Phase

Product code: 16500239



Performance : 208-230/460 V 60 Hz 8P : 1040-941/471 A Rated current Moment of inertia (J) : 19.2 kgm<sup>2</sup> **LRC** : 7.6 Duty cycle : Cont.(S1) Insulation class Rated torque : 284 kgfm : F Locked rotor torque : 210 % Service factor : 1.15 Breakdown torque : 320 % Temperature rise : 80 K Rated speed : 895 rpm Changes Summary Rev. Performed Checked Date

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Checked by				Page	Revision
Date	22/10/2023			3/3	
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