DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Three I hase induction wotor oquiner dage						
Customer	:					
Product line	: W40	: W40 High Efficiency Three-Phase			Product code : Catalog # :	13608358 40036OP3GFP447/9TSW4
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 (and policy)		: 2 : 60 Hz : 460 V : 443 A : 2658	HP (300 kW Z Z Z A Code F) A rpm % Lilb 6	/)	Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation¹ Noise level² Starting method Approx. weight³	: 25s (cold) 14s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP23 : IC01 - ODP : F-1 : Both (CW and CCW) : 85.0 dB(A) : Direct On Line : 2025 lb
•	25%	50%	75%	100%	Foundation loads	
Power Factor (94.9 94.9 0.61 0.66	95.0 95.0 0.83 0.85	95.0 95.0 5 0.88 0.89	95.4 94.5 95.0 95.0 0 0.89 0.90	Max. traction Max. compression	: 3142 lb : 5167 lb
Bearing type Sealing Lubrication interval Lubricant amount Lubricant type	J.02 U.0U	:	Drive 6314 Without Be	4 C3 earing Seal 18 h	Non drive end 6314 C3 Without Bearing 1 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.

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Rev.	Changes Summary		Performed	Checked	Date	
Performed by						
Checked by					Page	Revision
Data	26/03/2024				1/2	

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Thermal protection

ID	Application	Туре	Quantity	Sensing Temperature		
1	Winding	Thermistor - 2 wires	1 x Phase	155 °C		

Rev.	Changes Summary		Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	26/03/2024			2/2	