## **DATA SHEET**

#### Three Phase Induction Motor - Squirrel Cage



Customer	:					
Product line	: W40 N Phase	NEMA Pre	emium Effi	ciency Thre	e- Product code : Catalog # :	13593624 45036OT3G447/9TS-W40
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torque Insulation class Service factor Moment of inertia Design	2	: 447/97 : 450 HI : 2 : 60 Hz : 460 V : 478 A : 3250 A : 3565 r : 0.97 % : 663 ft. : 180 % : 250 % : F : 1.15 : 43.6 s : A	P (330 kW) Code G) Ppm 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) : 87.0 dB(A) : Direct On Line : 2155 lb
Output		50%	75%	100%	Foundation loads	
Efficiency (%) Power Factor	0.63 0.62 0 0.59 0.55 0 0.66 0.63 0	94.7 94.6 95.0 95.0 95.0 9.84 0.82 9.81 0.78	95.3 95.3 95.4 95.4 95.4 0.89 0.88 0.88 0.87	95.8 95.8 95.8 95.8 95.8 0.90 0.90 0.90 0.89	Max. traction  Max. compression	: 3447 lb : 5602 lb
			Drive 6	end	Non drive end	
Bearing type Sealing Lubrication interva Lubricant amount Lubricant type	: : al : :	V	6314	C3 aring Seal 8 h g	6314 C3 Without Bearing So 14418 h 27 g  pil Polyrex EM	eal
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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#### Thermal protection

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

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