DATA SHEET



Three Phase Induction Motor - Squirrel Cage									
Customer	:								
Product line : W40 High			iciency Thre	ee-Phase	Product code : Catalog # :	14281211 06018OP3EFP364TS-W40			
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 (Design		: 4 : 60 H : 230/- : 142/- : 866/- : 6.1x(: 46.0/ : 1777 : 1.28 : 1771 : 180 ° : 229 ° : F : 1.15	P (45 kW) z 460 V 71.0 A 433 A (Code G) '23.0 A ' rpm % ft.lb %		Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation¹ Starting method Approx. weight³	: 39s (cold) 22s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP23 : IC01 - ODP : F-1 : Both (CW and CCW) : Direct On Line : 692 lb			
Output	25%	50%	75%	100%	Foundation loads				
Power Factor	90.8 91.7 0.49 0.55	91.0 91.8 0.73 0.78	0 93.6 91.6 8 91.7 92.0 8 0.82 0.85 1 0.83 0.81	91.7 92.0 0.85 0.87	Max. traction Max. compression	: 1264 lb : 1956 lb			
Bearing type Sealing Lubrication interval Lubricant amount Lubricant type		:	Drive 6314 Without Be 2000 27	end 4 C3 earing Seal 00 h	Non drive en 6212 Z C Without Bearin 20000 h 13 g bil Polyrex EM	3 g Seal			
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
Date	26/03/2024	1		1/1	