## **DATA SHEET**

## Three Phase Induction Motor - Squirrel Cage



Three Phase induction Motor - Squirrer Cage											
Customer	:										
Product line	: ODP H	ligh Effic	ciency Thre	ee-Phase	Product code : Catalog # :	11595890 06018OP3EFP364TS					
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) Design	)	: 4 : 60 Hz : 230/4 : 140/7 : 856/4	2 (45 kW) 2 (45 kW) 2 (0.2 A) 228 A Code G) 21.0 A rpm % t.lb		Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation¹ Noise level² Starting method Approx. weight³	: 28s (cold) 16s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP23 : IC01 - ODP : F-1 : Both (CW and CCW) : 67.0 dB(A) : Direct On Line : 725 lb					
Output 2	5% 5	0%	75%	100%	Foundation loads						
Efficiency (%) 92	2.2 91.4 9 1.4 91.6 9	2.4 91.0 1.0 91.7	93.6 91.7 91.7 91.7	93.6 91.0	Max. traction	: 1243 lb					
				0.86 0.86	Max. compression	: 1967 lb					
Bearing type Sealing Lubrication interval Lubricant amount Lubricant type	: : : :	Drive end           :         6314 C3           :         Without Bearing Seal           :         20000 h           :         27 g           :         Mobility			Non drive end 6314 C3 Without Bearing 20000 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
Date	26/03/2024	1		1/1	