DATA SHEET



Inree Phase Induction Motor - Squirrei Cage												
Customer :												
Product line	: Rolled Steel NEMA Premiur Efficiency Three-Phase			n Product code : Catalog # :	12727369 01518OT3P254T-S							
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torq Breakdown torqu Insulation class Service factor Moment of inertia	: 254/6T : 15 HP (11 kW) : 4 : 60 Hz : 200 V : 42.8 A : 287 A : 6.7x(Code H) : 21.9 A : 1775 rpm : 1.39 % : 44.4 ft.lb : 240 % : 300 % : F : 1.15 : 1.82 sq.ft.lb : B			Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Cooling method Mounting Rotation¹ Noise level² Starting method Approx. weight³	: 30s (cold) 17s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IC01 - ODP : F-1 : Both (CW and CCW) : 64.0 dB(A) : Direct On Line : 189 lb							
Output Efficiency (%)	25% 91.0	50% 91.7	75% 92.4	100% 93.0	Foundation loads Max. traction	: 544 lb						
Power Factor	0.36	0.62	0.73	0.80	Max. compression	: 733 lb						
Bearing type Sealing Lubrication interval Lubricant amount Lubricant type Notes		: : : :	630 Without E 20	e end 9 Z C3 Bearing Seal 000 h I3 g Mol	Non drive end 6208 Z C3 Without Bearing Seal 20000 h 8 g bil Polyrex EM							
110.00												

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	21/11/2024				1/1		