## **DATA SHEET**

## Three Phase Induction Motor - Squirrel Cage



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Customer :								
Product line	: Rolled Steel NEMA Premiur Efficiency Three-Phase	m Product code :  Catalog # :	12795533 01012OT3H256T-S					
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	: 254/6T : 10 HP (7.5 kW) : 6 : 60 Hz : 575 V : 11.1 A : 58.9 A : 5.3x(Code G) : 5.86 A : 1180 rpm : 1.67 % : 44.5 ft.lb : 210 % : 229 % : F : 1.15 : 2.50 sq.ft.lb	Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Cooling method Mounting Rotation¹ Noise level² Starting method Approx. weight³	: 61s (cold) 34s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IC01 - ODP : F-1 : Both (CW and CCW) : 59.0 dB(A) : Direct On Line : 214 lb					
Output 50% Efficiency (%) 91.0	75% 100% 91.7 91.7	Foundation loads Max. traction	: 383 lb					
Power Factor 0.56	0.68 0.74	Max. compression	: 598 lb					
Bearing type Sealing Lubrication interval Lubricant amount Lubricant type	Drive end	Non drive end 6208 Z C3 Without Bearing Se 20000 h 8 g bil Polyrex EM	al					

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.

Rev.		Changes Summary	Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	30/06/2024			1/1	