DATA SHEET



Three Phase induction wotor - Squirrei Cage										
Customer	:									
Product line		: Rolled Steel NEMA Premiur Efficiency Three-Phase			n Product code :	12845474				
					Catalog # :	01018OT3V215TC-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		: 213/5TC : 10 HP (7.5 kW) : 4 : 60 Hz : 200/400 V : 28.5/14.3 A : 200/100 A : 7.0x(Code H) : 13.8/6.89 A : 1770 rpm : 1.67 % : 29.7 ft.lb : 250 % : 350 % : F : 1.15 : 1.30 sq.ft.lb			Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude 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. : IC01 - ODP : F-1 : Both (CW and CCW) : 59.0 dB(A) : Direct On Line : 130 lb				
Output	25%	50%	75%	100%	Foundation loads					
Efficiency (%)	89.4	90.2	91.0	91.7	Max. traction	: 521 lb				
Power Factor	0.38	0.64	0.77	0.83	Max. compression	: 651 lb				
Bearing type : 6208 ZZ Sealing : Without Bearing Sea Lubrication interval : -		08 ZZ	<u>Non drive end</u> 6206 ZZ Without Bearing Seal -							

Lubricant amount

Lubricant type Mobil 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.

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