## **DATA SHEET**

## Three Phase Induction Motor - Squirrel Cage



Customer	:						
Product line		: Rolled Steel NEMA Premium Efficiency Three-Phase			Product code : Catalog # :	12674878 01536OT3V215TC-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 : 15 HP (11 kW) : 2 : 60 Hz : 200/400 V : 39.6/19.8 A : 269/135 A : 6.8x(Code H) : 14.2/7.09 A : 3535 rpm : 1.81 % : 22.3 ft.lb : 210 % : 280 % : F : 1.15 : 0.5512 sq.ft.lb : B			Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Cooling method Mounting Rotation¹ Noise level² Starting method Approx. weight³	: 14s (cold) 8s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IC01 - ODP : F-1 : Both (CW and CCW) : 66.0 dB(A) : Direct On Line : 141 lb	
Output	25%	50%	75%	100%	Foundation loads		
Efficiency (%) Power Factor	90.1 0.50	90.2 0.77	90.2 0.86		Max. traction Max. compression	: 281 lb : 422 lb	
			Drive	e end	Non drive end		

Bearing type : 6208 ZZ 6206 ZZ

Sealing : Without Bearing Seal Without Bearing Seal

Lubrication interval : 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		