## **DATA SHEET**



Three Phase Induction Motor - Squirrel Cage										
Customer		:								
		: Rolled Steel Three-Phase	NEMA Pre	emium Efficien	cy Product code :  Catalog # :	12674793 00158OT3P145T-S				
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor tord Breakdown torque Insulation class Service factor Moment of inerti Design	ue	: 4 : 60 H : 200 : 4.76 : 41.4 : 8.75 : 176 : 2.22 : 0.6 : 280 : 330 : F : 1.15	HP (1.1 kV Hz V S A I A ((Code L) S A 0 rpm 2 % 19 kgfm %	V)	Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Cooling method Mounting Rotation¹ Noise level² Starting method Approx. weight³	: 27s (cold) 15s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IC01 - ODP : F-1 : Both (CW and CCW) : 52.0 dB(A) : Direct On Line : 19.4 kg				
Output	25%	50%	75%	100%	Foundation loads					
Efficiency (%)	83.6		86.5	86.5	Max. traction	: 48 kgf				
Power Factor	0.32	0.56	0.69	0.77	Max. compression	: 68 kgf				
Bearing type : 6205 ZZ Sealing : Without Bearing Seal Lubrication interval : -		Non drive end 6203 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	27/12/2023			1/1	