## **DATA SHEET**

## Three Phase Induction Motor - Squirrel Cage



				-			
Customer	:						
Product line		ed Steel NI e-Phase	EMA Prem	Product code : Catalog # :		14459459 00156OT3ER143TC-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 Design	9	: 2 : 60 Hz : 230/46 : 3.70/1 : 31.8/1 : 8.6x(0 : 1.62/0 : 3510 I : 2.50 % : 2.24 ff : 210 % : 330 % : F	60 V .85 A 5.9 A code K) .809 A pm		Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Cooling method Mounting Rotation¹ Noise level² Starting method Approx. weight³	: 80 : Co : -20 : 10 : IC0 : W- : Bo : 62	ont.(S1) 0°C to +40°C 00 m.a.s.l. 01 - ODP
Output	25%	50%	75%	100%	Foundation loads		
Efficiency (%) Power Factor	80.7	81.5 82.7 81.0 0.73 0.79 0.71	83.3	83.2	Max. traction  Max. compression	: 56 lb	
	0.40	0.7 1			Non drive a		
Bearing type Sealing Lubrication interva Lubricant amount Lubricant type		: -			Non drive end 6203 ZZ Without Bearing Seal - - bil Polyrex EM		
Notes:				<u> </u>			

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	26/03/2024	1		1/1	