DATA SHEET



Three Phase Induction Motor - Squirrel Cage										
Customer		:								
Product line		: Rolled Steel Three-Phase	NEMA Pre	emium Efficier	ncy Product code :	12795528				
					Catalog # :	00112OT3H145T-S				
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor tor Breakdown torq Insulation class Service factor Moment of inert Design	rque lue	: 6 : 60) : 575 : 1.37 : 8.09 : 6.1; : 0.90 : 4.1 : 0.66 : 250 : 300 : F	P (0.75 kW Hz 5 V 2 A 5 A x(Code K) 02 A 60 rpm 7 % 31 kgfm) %	()	Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Cooling method Mounting Rotation¹ Noise level² Starting method Approx. weight³	: 43s (cold) 24s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IC01 - ODP : F-1 : Both (CW and CCW) : 50.0 dB(A) : Direct On Line : 15.8 kg				
Output	25%	50%	75%	100%	Foundation loads					
Efficiency (%) Power Factor	77.2 0.26		81.5 0.60	82.5 0.69	Max. traction Max. compression	: 46 kgf : 62 kgf				
Bearing type Sealing Lubrication interval		:	62	e end 205 ZZ Bearing Seal	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	