

# DATA SHEET

## Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : General Standard Efficiency Three-Phase      Product code : 10562941  
Catalog # : 003120S3EOW213T

Frame	: 213/5T	Locked rotor time	: 39s (cold) 22s (hot)
Output	: 3 HP (2.2 kW)	Temperature rise	: 80 K
Poles	: 6	Duty cycle	: Cont.(S1)
Frequency	: 60 Hz	Ambient temperature	: -20°C to +40°C
Rated voltage	: 208-230/460 V	Altitude	: 1000 m.a.s.l.
Rated current	: 10.4-9.38/4.69 A	Protection degree	: IP21
L. R. Amperes	: 59.1-53.5/26.7 A	Cooling method	: IC01 - ODP
LRC	: 5.7x(Code H)	Mounting	: F-2
No load current	: 6.63-6.00/3.00 A	Rotation <sup>1</sup>	: Both (CW and CCW)
Rated speed	: 1115 rpm	Noise level <sup>2</sup>	: 58.0 dB(A)
Slip	: 7.08 %	Starting method	: Direct On Line
Rated torque	: 14.1 ft.lb	Approx. weight <sup>3</sup>	: 99.0 lb
Locked rotor torque	: 380 %		
Breakdown torque	: 0 %		
Insulation class	: F		
Service factor	: 1.00		
Moment of inertia (J)	: 0.9198 sq.ft.lb		
Design	: D		

Output	25%	50%	75%	100%	Foundation loads	
Efficiency (%)	78.4	79.5	80.0	80.7	Max. traction	: -49 lb
Power Factor	0.29	0.50	0.63	0.71	Max. compression	: 49 lb

		<u>Drive end</u>	<u>Non drive end</u>
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		Page      Revision 1 / 1		
Checked by				
Date	26/03/2024			