

DATA SHEET



Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : Rolled Steel NEMA Premium Efficiency Three-Phase Product code : 15378603
 Catalog # : 01018OT3P215T-SGH

Frame	: 213/5T	Locked rotor time	: 25s (cold) 14s (hot)
Output	: 10 HP (7.5 kW)	Temperature rise	: 80 K
Poles	: 4	Duty cycle	: Cont.(S1)
Frequency	: 60 Hz	Ambient temperature	: -20°C to +40°C
Rated voltage	: 200 V	Altitude	: 1000 m.a.s.l.
Rated current	: 28.5 A	Cooling method	: IC01 - ODP
L. R. Amperes	: 200 A	Mounting	: F-1
LRC	: 7.0x(Code H)	Rotation ¹	: Both (CW and CCW)
No load current	: 13.8 A	Noise level ²	: 59.0 dB(A)
Rated speed	: 1770 rpm	Starting method	: Direct On Line
Slip	: 1.67 %	Approx. weight ³	: 121 lb
Rated torque	: 29.7 ft.lb		
Locked rotor torque	: 250 %		
Breakdown torque	: 350 %		
Insulation class	: H		
Service factor	: 1.15		
Moment of inertia (J)	: 1.30 sq.ft.lb		
Design	: B		

Output	25%	50%	75%	100%	Foundation loads	
Efficiency (%)	89.4	90.2	91.0	91.7	Max. traction	: 525 lb
Power Factor	0.38	0.64	0.77	0.83	Max. compression	: 646 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
Checked by		1 / 1		
Date	30/06/2024			