DATA SHEET

Three Phase Induction Motor - Squirrel Cage



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Customer	:						
Product line	: W22 NEMA Pre Phase	: W22 NEMA Premium Efficiency Thre Phase			12222432 30018ET3GRB449T-W22		
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 (and to	: 4 : 60 Hz : 460 V : 330 A : 2145 A : 6.5x(Co : 105 A : 1780 rp : 1.11 % : 885 ft.lt : 250 % : 250 % : F	ode G)	Locked rotor time Temperature rise Duty cycle Ambient temperatur Altitude Protection degree Cooling method Mounting Rotation¹ Noise level² Starting method Approx. weight³	: 80 K : Cont.(S e : -20°C t : 1000 m : IP55 : IC411 - : F-1	to +40°C l.a.s.l. TEFC SW and CCW) B(A) On Line		
Output	25% 50%	75% 100%	Foundation loads				
Power Factor	95.8 94.9 95.8 95.4 96.2 95.8 96.0 96.2		Max. traction Max. compression	: 4921 lb : 7806 lb			
Losses at normative	onerating points (sp	eed:torque) in nerce	ntage of rated output po	ower			
Losses (%)	P1 (0,9;1,0) P2 (0,5;1,0) P3 (0,25;1,0) P4 (0,9;0,5) P5 (0,5;0,5) P6 (0,5;0,25) P7 (0,25;0,25)	4.5 3.3 2.7 2.5 1.5 1.1	4.8 3.5 3.0 2.7 1.6 1.1	4.8 3.5 3.0 2.7 1.6 1.1 0.6	4.5 3.3 2.7 2.5 1.5 1.1 0.6		
Bearing type Sealing Lubrication interval Lubricant amount Lubricant type Notes:	:	Drive end NU-322 C3 WSeal 4000 h 60 g	Non drive 6319 WSe 8000 45 bil Polyrex EM	e end C3 eal 0 h			
This revision replace	es and cancel the pre	vious one, which	These are average va	alues based on tests	with sinusoidal		

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.

power supply, subject to the tolerances stipulated in NEMA MG-1.

Rev.		Changes Summary		Performed	Checked	Date
Performed by			,			
Checked by					Page	Revision
Date	28/03/2024				1/1	