## **DATA SHEET**



Customer	:							
Product line	W21 Explosion Proof NEMA Premium			m Product code :		14532418		
					Catalog #:		00312XT3H213T	
Frame : 21 Output : 3 Poles : 6 Frequency : 60 Rated voltage : 57 Rated current : 3. L. R. Amperes : 24 LRC : 7. No load current : 2. Rated speed : 11 Slip : 2. Rated torque : 13 Locked rotor torque : 18 Breakdown torque : 29		: 3 HI : 6 : 60 H : 575 : 3.53 : 24.7 : 7.05 : 2.00 : 117 : 2.08 : 13.4 : 180 : 290 : F	50 Hz 575 V 5.53 A 64.7 A 7.0x(Code K) 8.00 A 175 rpm 8.08 % 3.4 ft.lb 80 %		Catalog #:  Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation¹ Noise level² Starting method Approx. weight³		00312XT3H213T  : 104s (cold) 58s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP55 : IC411 - TEFC : F-1 : Both (CW and CCW) : 55.0 dB(A) : Direct On Line : 197 lb	
Service factor Moment of inertia Design	a (J)	: 1.15 : 1.20 : B	o O sq.ft.lb					
Output	25%	50%	75%	100%	Foundati	on loads		
Efficiency (%)	85.4	86.5	88.5	89.5	Max. trac		: 121 lb	
Power Factor	0.29	0.50	0.62	0.70	Max. con	npression	: 317 lb	
Losses at normat	ive operat	ing points	(speed;torqu	e), in perce	entage of ra	ated output power		
P1 (0,9;1,0)	P2 (0,5	;1,0)	P3 (0,25;1,0)	) P4 (C	0,9;0,5)	P5 (0,5;0,5)	P6 (0,5;0,25)	P7 (0,25;0,25
11.0	8.4		7.5	6	5.8	4.3	3.4	2.4
Bearing type Sealing Lubrication interv Lubricant amoun Lubricant type		: : : :	<u>Drive (</u> 6308 Oil S - -	2RS Seal	bil Polyrex	Non drive end 6207 2RS Lip Seal - - EM		
Notes:								
This revision replamust be eliminate (1) Looking the m (2) Measured at 1	ed. lotor from Im and wit	the shaft e th toleranc	end. e of +3dB(A)			re average values upply, subject to th		
(3) Approximate v manufacturing pro (4) At 100% of ful	ocess.							
Rev.		Ch	anges Summ	nary		Performed	Checked	Date
Performed by							Dogo	Povision
Checked by							Page	Revision

1/2

28/03/2024

Date

# DATA SHEET

### Three Phase Induction Motor - Squirrel Cage



_	
Customer	
Custoffici	

#### Thermal protection

l		•		
ID	Application	Туре	Quantity	Sensing Temperature
1	Winding	Thermostat - 2 wires	1 x Phase	155 °C

Rev.	Changes Summary		Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	28/03/2024			2/2	