DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer	:						
Product line	: W22 High Efficiency Three-Phase		Product code : Catalog # :		13103417 30018EP3	13103417 30018EP3G449TS-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 (a	: 300 HP : 4 : 60 Hz : 460 V : 337 A : 2191 A : 6.5x(Co : 105 A : 1780 rp : 1.11 % : 885 ft.lt e : 229 % : F : 1.15 J) : 105 sq.	: 60 Hz : 460 V : 337 A : 2191 A : 6.5x(Code G) : 105 A : 1780 rpm : 1.11 % : 885 ft.lb : 229 % : 229 % : F		rotor time rature rise role it temperature ion degree g method ng n¹ evel² g method . weight³	: 25s (colo : 80 K : Cont.(S1 : -20°C to : 1000 m.a : IP55 : IC411 - T : F-1 : Both (CV : 75.0 dB(a	: 25s (cold) 14s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP55 : IC411 - TEFC : F-1 : Both (CW and CCW) : 75.0 dB(A) : Direct On Line	
Design	: B	750/ 4000/	F 1.0				
	25% 50% 5 95.6 95.3 95.4 95.0 9	75% 100% 95.8 95.5 95.4 95.0	Foundation loads Max. traction : 4841 lb				
Power Factor (95.3 95.3 95.0 95.0 95.5 95.5 95.0 95.0		Max. compression : 7456 lb				
_osses at normative	operating points (sp	eed;torque), in perce	ntage of ra	ited output powe	r		
	P1 (0,9;1,0)	4.9		5.4	5.4	5.4	
	P2 (0,5;1,0)	4.1		1.5	4.5	4.5	
	P3 (0,25;1,0)	3.8		l.1	4.1	4.1	
Losses (%)	P4 (0,9;0,5)	2.4		2.6	2.6	2.6	
	P5 (0,5;0,5)	1.7		.8	1.8	1.8	
	P6 (0,5;0,25)	1.1 0.7		.2	1.2	1.2	
	P7 (0,25;0,25)		0.7		0.7	0.7	
Danis a tosa				Non drive er			
Bearing type	•	6314 C3 WSeal		6314 C3 WSeal			
Sealing Lubrication interval	•	12000 h		12000 h			
Lubricant amount	÷	27 g		27 g			
Lubricant type	:	_	27 g obil Polyrex EM				
Notes:							
	es and cancel the nre	vious one which	These a	re average value	s hased on tests w	with sinusoidal	
must be eliminated. 1) Looking the moto 2) Measured at 1m		⁻ +3dB(A).		-	s based on tests v the tolerances stip		
Rev.	Chanc	es Summary	1	Performed	Checked	Date	

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