DATA SHEET

Date

25/03/2024



Customer	:							
Product line	: W22 IEEE 841 NEMA Premium Effic				ciency Product code :		14244253	
	inr	Three-Phase				Catalog # :	30018ST3HIE449T-W22	
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor tord Breakdown torque	: 300 : 4 : 60 H : 575 : 264 : 171 : 6.5x : 76.0 : 178 : 1.11 : 885 : 229 : 229	: 60 Hz : 575 V : 264 A : 1716 A : 6.5x(Code G) : 76.0 A : 1780 rpm : 1.11 % : 885 ft.lb : 229 % : 229 %			d rotor time strature rise ycle nt temperature e tion degree g method ing on¹ level² g method k. weight³	: 28s (cold) 16s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP56 : IC411 - TEFC : F-1 : Both (CW and CCW) : 75.0 dB(A) : Direct On Line : 2966 lb		
Insulation class Service factor Moment of inerti Design	a (J)	: F : 1.15 : 89.6 : B	5 6 sq.ft.lb					
Output	25%	50%	75%	100%	Foundation loads			
Efficiency (%) Power Factor	95.7 0.53	95.8 0.77	96.2 0.84	96.2 0.87	Max. traction Max. compression		: 3944 lb : 6909 lb	
osses at norma	tive operat	ing points	(speed;torqu	ie), in perce	entage of r	ated output power		
P1 (0,9;1,0) 4.2		P2 (0,5;1,0) P3		P3 (0,25;1,0) P4 (0 3.3 2		P5 (0,5;0,5) 1.4	P6 (0,5;0,25) 0.9	P7 (0,25;0,25
Bearing type Sealing Lubrication interval Lubricant amount Lubricant type		: : : :	<u>Drive end</u> 6322 C3 Inpro/Seal 6000 h 60 g		Non drive end 6319 C3 Inpro/Seal 8000 h 45 g obil Polyrex EM		<u>I</u>	
Notes:								
This revision repl must be eliminate (1) Looking the m (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu	ed. notor from 1m and wit weight sub ocess.	the shaft e	end. e of +3dB(A)			ire average values upply, subject to th		
Rev.		Ch	anges Sumn	narv		Performed	Checked	Date
Performed by Checked by						. Silomina	Page	Revision

1/1