DATA SHEET



Customer	:							
Product line	Product line : W22 IEEE 841 NEMA Premium Effic Three-Phase				ciency Product code : 11453264			
Frame	: 213T		Locked	rotor time	· 70s (c	old) 39s (hot)		
Output	: 2 HP (1	5 kW)	Temperature rise		: 80 K			
Poles	:8	.5 ((1)	Duty cycle			: Cont.(S1)		
Frequency	: 60 Hz		Ambient temperature		20°C	: -20°C to +40°C		
Rated voltage	: 460 V		Altitude			: 1000 m.a.s.l.		
Rated current	: 3.39 A		Protection degree			: IP56		
L. R. Amperes	: 3.39 A : 23.4 A		Cooling method			: IC411 - TEFC		
LRC			Mounting			: F-1		
No load current	: 6.9x(Code L) : 2.30 A		Rotation ¹					
Rated speed	: 2.30 A : 875 rpr					: Both (CW and CCW)		
			Noise level ²			: 52.0 dB(A)		
Slip	: 2.78 %		Starting method Approx. weight ³			: Direct On Line		
Rated torque	: 12.0 ft.	D	Approx	. weignt ^e	: 349 lb			
Locked rotor torqu								
Breakdown torque								
Insulation class	: F							
Service factor	: 1.25	6.11						
Moment of inertia		.tt.lb						
Design	: B							
Output	25% 50%	75% 100%	Foundation	n loade	<u> </u>			
					54 II.			
Efficiency (%)	81.0 81.2 82.5 81.5		Max. trac	tion	: 54 lb			
	81.2 81.2 81.5 81.5 82.5 82.5 82.5 82.5			_				
Power Factor	0.24 0.29 0.45 0.52		Max. com	pression	: 403 lb			
	0.27 0.25 0.49 0.46	0.59 0.56 0.69 0.67						
Losses at normativ	e operating points (sp	eed;torque), in perce	ntage of ra	ted output pov	wer			
	P1 (0,9;1,0)	16.1		0.8	20.1	20.1		
	P2 (0,5;1,0)	13.5	17	7.5	16.9	16.9		
	P3 (0,25;1,0)	13.2		7.1	16.5	16.5		
Losses (%)	P4 (0,9;0,5)	9.6	12	2.4	12.0	12.0		
,	P5 (0,5;0,5)	7.0		.0	8.7	8.7		
	P6 (0,5;0,25)	5.6		.2	7.0	7.0		
	P7 (0,25;0,25)	4.4		.7	5.5	5.5		
	17 (0,20,0,20)					0.0		
B		Drive end		Non drive end 6207 2RS C3				
Bearing type	:	6308 2RS C3						
Sealing		Inpro/Seal		Inpro/S	eai			
Lubrication interva	il :	-		-				
Lubricant amount	:	- Mak	all Daluman	-				
Lubricant type	·	IVIOI	oil Polyrex	EIVI				
Notes:								
must be eliminated (1) Looking the mo (2) Measured at 1n	tor from the shaft end. In and with tolerance of eight subject to change cess.	f +3dB(A).			ues based on test o the tolerances s	s with sinusoidal tipulated in NEMA		
must be eliminated (1) Looking the mo (2) Measured at 1n (3) Approximate we manufacturing proc	tor from the shaft end. In and with tolerance of Deight subject to change Deess. Ioad.	f +3dB(A).	power su		to the tolerances s			

Changes Summary		Performed	Checked	Date
			Page	Revision
25/03/2024			1/1	
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