DATA SHEET



Customer	:					
Product line	: W22 IEEE 841 N Three-Phase	NEMA Premium Effici	ency	Product code :	11447117	
Frame : 213/5T Output : 5 HP (3.7 kW) Poles : 6 Frequency : 60 Hz Rated voltage : 460 V Rated current : 6.83 A L. R. Amperes : 46.4 A LRC : 6.8x(Code J) No load current : 3.45 A Rated speed : 1170 rpm Slip : 2.50 % Rated torque : 22.4 ft.lb Locked rotor torque : 170 % Breakdown torque : 260 % Insulation class : F Service factor : 1.25 Moment of inertia (J) : 1.47 sq.ft.lb		ode J) m b	Temper Duty cy Ambien Altitude Protecti Cooling Mountir Rotation Noise le Starting	t temperature on degree method ng n ¹	: 102s (cold) 57s (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 : 178 lb	
Design Output	: B	75% 100%	Foundation	on loads		
Efficiency (%)	88.2 89.8 88.5 88.5 8	89.5 88.5 89.5 86.8	Max. trac		: 293 lb	
Power Factor	89.1 87.2 88.5 87.5 88.5 88.5 87.5 88.5 0.34 0.40 0.58 0.65 0.70 0.75 0.76 0.79 0.37 0.35 0.61 0.58 0.73 0.71 0.78 0.76		Max. compression		: 471 lb	
Losses at normativ	e operating points (sp	eed;torque), in perce	ntage of ra	ted output power		
	P1 (0,9;1,0)	11.1	14	1.4	13.5	12.3
	P2 (0,5;1,0)	9.1		1.8	11.1	10.1
	P3 (0,25;1,0)	8.8		1.4	10.8	9.8
Losses (%)	P4 (0,9;0,5)	5.8		.5	7.1	6.4
	P5 (0,5;0,5)	4.0		.2	4.9	4.5
	P6 (0,5;0,25)	2.9		.7	3.5	3.2
	P7 (0,25;0,25)	2.1	2	.7	2.6	2.3
Bearing type Sealing Lubrication interva Lubricant amount Lubricant type	ling : Inpro/Seal rication interval : - ricant amount : -					
Notes:			-			
must be eliminated (1) Looking the mo (2) Measured at 1n	tor from the shaft end. n and with tolerance of eight subject to change cess.	f +3dB(A).		-	based on tests wine tolerances stipu	
Rev.	Chang	jes Summary		Performed	Checked	Date

Rev.	Changes Summary		Performed	Checked	Date
Performed by					
Checked by				Page	Revision
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