## DATA SHEET



Customer	:						
Product line	: W22 IEEE 841 N Three-Phase	NEMA Premium Effici	ency	Product code :	11724427		
Frame : 182/4T  Output : 1.5 HP (1.1 kW)  Poles : 8  Frequency : 60 Hz  Rated voltage : 460 V  Rated current : 2.84 A  L. R. Amperes : 16.8 A  LRC : 5.9x(Code K)  No load current : 2.10 A  Rated speed : 860 rpm  Slip : 4.44 %  Rated torque : 9.16 ft.lb  Locked rotor torque : 229 %  Breakdown torque : 290 %  Insulation class : F  Service factor : 1.25  Moment of inertia (J) : 0.5766 sq.ft.lb		(1.1 kW)  ode K)  n	Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation¹ Noise level² Starting method Approx. weight³		: 30s (cold) 17s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP56 : IC411 - TEFC : F-1 : Both (CW and CCW) : 50.0 dB(A) : Direct On Line : 104 lb		
Design Output	: B 25% 50%	75% 100%	Foundation	on loads			
Efficiency (%)	75.2 72.7 76.0 74.0				: 139 lb		
Power Factor	73.3 72.3 74.5 73.5 76.0 76.0 76.9 76.9 0.23 0.29 0.43 0.51 0.54 0.62 0.62 0.70 0.25 0.23 0.47 0.44 0.58 0.55 0.66 0.64		Max. compression		: 243 lb	: 243 lb	
Losses at normativ	e operating points (sp	eed;torque), in perce	ntage of ra	ted output power			
	P1 (0,9;1,0)	25.9	28	3.3	28.4	28.4	
	P2 (0,5;1,0)	20.5		2.4	22.5	22.5	
	P3 (0,25;1,0)	18.6		0.3	20.4	20.4	
Losses (%)	P4 (0,9;0,5)	18.4		0.1	20.2	20.2	
	P5 (0,5;0,5)	13.2		1.4	14.4	14.4	
	P6 (0,5;0,25)	11.6		2.7	12.8	12.8	
	P7 (0,25;0,25)	8.8	9	.6	9.7	9.7	
Bearing type Sealing Lubrication interva Lubricant amount Lubricant type	ng : Inpro/Seal Inpro/Seal cation interval :						
Notes:			-				
must be eliminated (1) Looking the mo (2) Measured at 1r	otor from the shaft end. In and with tolerance of eight subject to change cess.	f +3dB(A).		-	based on tests w ne tolerances stipu		
Rev.	Chang	jes Summary		Performed	Checked	Date	

Rev.	Changes Summary		Performed	Checked	Date
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Checked by				Page	Revision
Date	29/03/2024			1/1	