DATA SHEET



Customer	:						
Product line		: W22 NEMA Premium Efficiency Product code : 12447064 Three-Phase					
		: 324/6T		Locked rotor time		: 48s (cold) 27s (hot)	
Output		: 20 HP (15 kW)		Temperature rise		: 80 K	
		: 8		Duty cycle		: Cont.(S1)	
Frequency		: 60 Hz		Ambient temperature		: -20°C to +40°C	
Rated voltage		: 575 V		Altitude		: 1000 m.a.s.l.	
Rated current		: 22.6 A		Protection degree		: IP55	
L. R. Amperes		: 113 A		Cooling method		: IC411 - TEFC	
LRC		: 5.0x(Code G)		Mounting		: F-1	
No load current		: 12.8 A		Rotation¹		: Both (CW and CCW)	
Rated speed		380 rpm		Noise level ²		: 56.0 dB(A)	
Slip		2.22 %		Starting method		: Direct On Line	
Rated torque	: 1	16.5 kgfm		Approx.	weight ³	: 230 kg	
Locked rotor tore	que : ´	190 %				-	
Breakdown torqu		220 %					
Insulation class	: F						
Service factor	: '	1.25					
Moment of inerti).3946 kgm²					
Design	`´´ : E						
Output	50%	75% 100%		Foundat	ion loads		
			,	Max. traction		: 342 kgf	
Efficiency (%) Power Factor		91.0 91.0 0.66 0.73		Max. compression		: 572 kgf	
Losses at norma	tive operating poi	nts (speed;torque),	in perce	ntage of r	ated output power	-	
P1 (0,9;1,0)	P2 (0,5;1,0)	P3 (0,25;1,0)	T T	,9;0,5)	P5 (0,5;0,5)	P6 (0,5;0,25)	P7 (0,25;0,25)
9.5	8.0	7.7		.2	3.7	2.8	2.0
Bearing type Sealing Lubrication inter Lubricant amour	: : val :	Drive end 6312 C V'Ring 20000 I 21 g	<u>d</u> 3 I h		Non drive end 6212 C3 V'Ring 20000 h 13 g	<u>d</u>	
Lubricant type :			IVIOI	bbil Polyrex EM			
This revision repl must be eliminate (1) Looking the m (2) Measured at (3) Approximate manufacturing pr	ed. notor from the sha 1m and with toler weight subject to	ance of +3dB(A).	vhich		are average values supply, subject to th		

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LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage



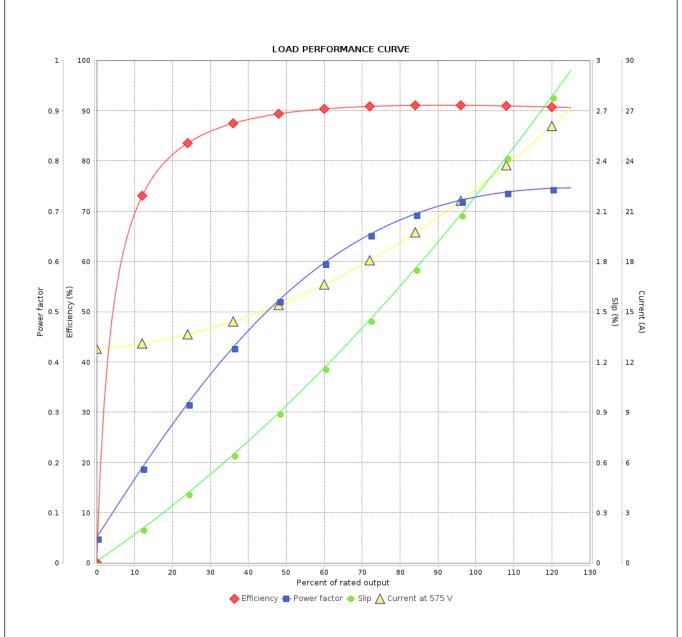
Customer :

Product line : W22 NEMA Premium Efficiency

Three Phase

Product code: 12447064





Performance	: 575 V 60 Hz 8P				
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed	: 22.6 A : 5.0 : 16.5 kgfm : 190 % : 220 % : 880 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 0.3946 kgm ² : Cont.(S1) : F : 1.25 : 80 K : B	2
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21/10/2024

Date

