DATA SHEET



Customer	:							
Product line				n Proof NEMA		Product code :	14309726	
Frame Output	utput : 5 HP (3.7 kW)			Temper	rotor time ature rise	: 102s (cold : 80 K) 57s (hot)	
Poles		: 6			Duty cy		: Cont.(S1)	4000
Frequency Rated voltage		: 60 : 57			Ambien	t temperature	: -20°C to +4 : 1000 m.a.s	
Rated current		_	46 A			on degree	: IP55	D.I.
L. R. Amperes			.2 A			method	: IC411 - TE	FC
LRC		_	Bx(Code J)		Mountin		: F-1	. •
No load current			76 A		Rotation		: Both (CW	and CCW)
Rated speed		: 11	70 rpm		Noise le	evel ²	: 55.0 dB(A)	
Slip			50 %			method	: Direct On I	_ine
Rated torque			10 kgfm		Approx.	weight ³	: 93.4 kg	
Locked rotor tord	•		0 %					
Breakdown torqu	ıe		0 %					
Insulation class		: F	4.5					
Service factor	- (I)	: 1.	-					
Moment of inerti Design	a (J)	: 0.0	0620 kgm²					
Design		. Б						
Output	25%	50%	75%	100%	Foundat	ion loads		
Efficiency (%)	88.2	88.5	89.5	89.5	Max. tra	ction	: 102 kgf	
Power Factor	0.34	0.58	0.70	0.76	Max. co	mpression	: 196 kgf	
acces at narmat	tive energi	ting point	ra (anaaditari	aug) in norse	ntaga of m	atad autaut navyan		
ĺ				. ,		ated output power		 /
P1 (0,9;1,0)	P2 (0,5		P3 (0,25;1		0,9;0,5)	P5 (0,5;0,5)	P6 (0,5;0,25)	P7 (0,25;0,2
11.1	9.1		8.8		5.8	4.0	2.9	2.1
D				<u>e end</u>		Non drive end		
Bearing type		:)8 2RS		6207 2RS Lip Seal		
Sealing Lubrication inter	val		Oi	l Seal		Lip Seai		
Lubricant amour				_		<u>-</u>		
Lubricant type	ıı	:		Mo	bil Polyrex	EM		
		•			c.y.c.			
This revision repl must be eliminate 1) Looking the m 2) Measured at 1 3) Approximate v manufacturing pr 4) At 100% of fu	ed. notor from 1m and wi weight sub ocess.	the shaft th tolerar	t end. nce of +3dB(A).			s based on tests wine tolerances stipu	

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Rev.		Changes Summary		Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date	28/10/2024				1/3	

DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer	
Customer	

Thermal protection

		•		
ID	Application	Туре	Quantity	Sensing Temperature
1	Winding	Thermostat - 2 wires	1 x Phase	155 °C

Rev.	Changes Summary		Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	28/10/2024			2/3	

LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

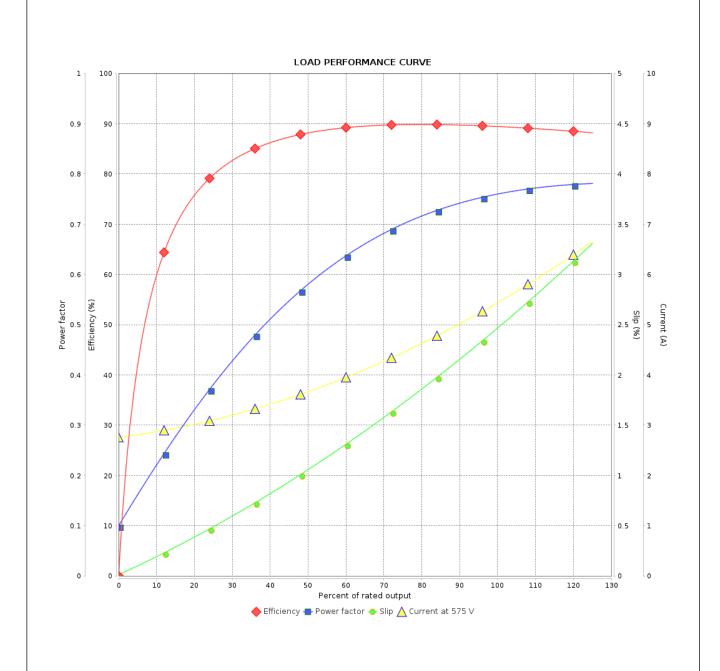


Customer :

Product line : W21 Explosion Proof NEMA

Premium Efficiency Three-Phase

Product code: 14309726



Performance : 575 V 60 Hz 6P : 5.46 A Rated current Moment of inertia (J) : 0.0620 kgm² **LRC** : 6.8 Duty cycle : Cont.(S1) : 3.10 kgfm Insulation class : F Rated torque Locked rotor torque : 170 % Service factor : 1.15 Breakdown torque : 260 % Temperature rise : 80 K Rated speed ·R · 1170 rpm Design

Maleu speeu	. 1	170 Ipili	Design		. U	
Rev.	Changes Summary			Performed	Checked	Date
Performed by						
Checked by		-			Page	Revision
Date	28/10/2024				3/3	