DATA SHEET



8.8 7.0 6.5 4.9 3.3 2.4 Drive end	Customer	:							
Output	Product line		_		ium Product code :		12785277	12785277	
Poles	Frame	:	213/5T		Locked	rotor time	: 36s (cold)	20s (hot)	
Frequency	Output	:	7.5 HP (5.5 kW)		Temper	ature rise	: 80 K	, ,	
Frequency	Poles	:	4		Duty cy	rcle	: Cont.(S1)		
Rated current	Frequency	:	60 Hz					40°C	
Rated current L. R. Amperes	Rated voltage	:	575 V				: 1000 m.a.	s.l.	
L. R. Amperes	•	:	7.34 A		Protect	ion dearee	: IP55		
LRC							: IC411 - TF	FC	
No load current Rated speed : 1765 rpm Silp Sil			-					0	
Rated speed						•		and CCW/	
Slip									
Rated torque : 3.08 kgfm Approx. weight³ : 80.1 kg Locked rotor torque : 220 % Breakdown torque 310 % Insulation class : F Service factor : 1.25 Moment of inertia (J) : 0.0566 kgm² Design : B Dutput			•						
Locked rotor torque								Line	
Breakdown torque					Approx	. weignt	: 80.1 kg		
Insulation class F Service factor 1.25		•							
Service factor									
Moment of inertia (J)									
Design S									
Dutput 50% 75% 100% Foundation loads Efficiency (%) 89.5 91.0 91.7 Max. traction : 137 kgf Max. compression : 217 kgf Max. comp									
Max. traction 137 kgf Max. compression	Design	:	В						
Max. traction 137 kgf Max. compression	Output	50%	75% 100%	6	Foundat	tion loads			
Dower Factor 0.66 0.76 0.82 Max. compression : 217 kgf				-			. 107 1:		
Drive end Sealing Factorial Factor									
P1 (0,9;1,0) P2 (0,5;1,0) P3 (0,25;1,0) P4 (0,9;0,5) P5 (0,5;0,5) P6 (0,5;0,25) P7 (0,8;0,1) P3 (0,25;1,0) P4 (0,9;0,5) P5 (0,5;0,5) P6 (0,5;0,25) P7 (0,8;0,1) P3 (0,25;1,0) P4 (0,9;0,5) P5 (0,5;0,5) P6 (0,5;0,25) P7 (0,8;0,1) P3 (0,25;1,0) P4 (0,9;0,5) P5 (0,5;0,5) P6 (0,5;0,25) P7 (0,5;0,5) P7 (0,5;0	Power Factor	0.00	0.76 0.82		wax. co	mpression	: 217 KgI		
8.8 7.0 6.5 4.9 3.3 2.4 Drive end	Losses at norma	tive operating po	ints (speed;torque)	, in perce	ntage of r	ated output power			
Bearing type : 6308 C3 6207 C3 Sealing : Taconite Labyrinth Taconite Labyrinth Lubrication interval : 20000 h 20000 h Lubricant amount : 11 g 7 g Lubricant type : Mobil Polyrex EM	P1 (0,9;1,0)		P3 (0,25;1,0)	P4 (0	,9;0,5)	P5 (0,5;0,5)	P6 (0,5;0,25)	P7 (0,25;0,2	
Bearing type : 6308 C3 6207 C3 Sealing : Taconite Labyrinth Taconite Labyrinth Lubrication interval : 20000 h 20000 h Lubricant amount : 11 g 7 g Lubricant type : Mobil Polyrex EM	8.8	7.0	6.5	4	.9	3.3	2.4	1.6	
Sealing : Taconite Labyrinth Taconite Labyrinth Lubrication interval : 20000 h 20000 h Lubricant amount : 11 g 7 g Lubricant type : Mobil Polyrex EM							<u>d</u>		
Lubrication interval : 20000 h 20000 h Lubricant amount : 11 g 7 g Lubricant type : Mobil Polyrex EM	Bearing type	:	6308 C	3	6207 C3				
Lubricant amount : 11 g 7 g Lubricant type : Mobil Polyrex EM Notes	Sealing	:	Taconite Lal	byrinth		Taconite Laby	rinth		
Lubricant type : Mobil Polyrex EM Notes	Lubrication inter	val :	•		20000 h				
Lubricant type : Mobil Polyrex EM Notes	Lubricant amour	nt :	11 g			7 g			
Notes			J	bil Polyre					
	lotes								
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This revision replaces and cancel the previous one, which These are average values based on tests with single test and cancel the previous one, which			uie pievious one, \	WITICII					
nust be eliminated. power supply, subject to the tolerances stipulated 1) Looking the motor from the shaft end. MG-1.			6 1			supply, subject to t	ne tolerances stip	uiated in NEN	

- (3) Approximate weight subject to changes after manufacturing process.
 (4) At 100% of full load.

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Rev.		Changes Summary	Performed	Checked	Date
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Checked by				Page	Revision
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LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

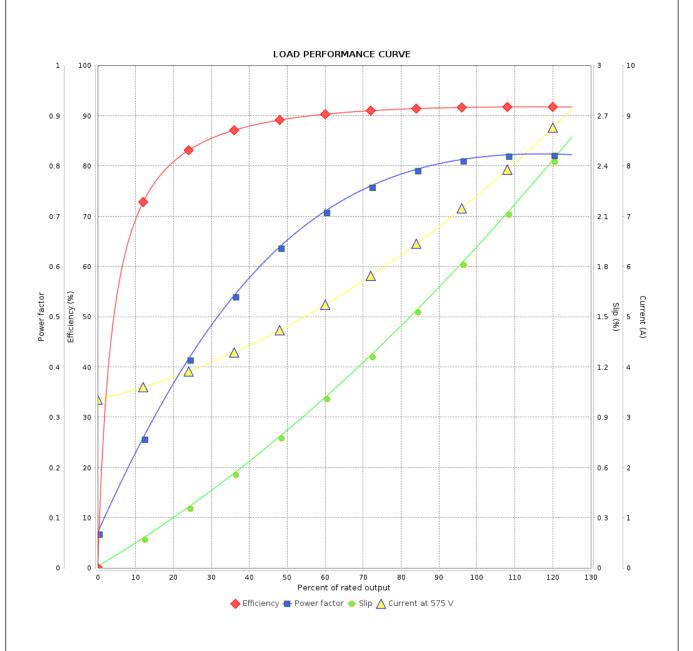


Customer :

Product line : W22 IEEE 841 NEMA Premium

Efficiency Three-Phase

Product code: 12785277



Performance	: 575 V 60 Hz 4P			
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed	: 7.34 A : 7.1 : 3.08 kgfm : 220 % : 310 % : 1765 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design	: 0.0566 kgm² : Cont.(S1) : F : 1.25 : 80 K : B	
Rev.	Changes Summary	Performed	Checked	Date
Performed by				
Checked by			Page	Revision

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22/10/2024

Date