

Customer : Project Name : Project No. : Revision No. :

SPECIFICATION for INDUCTION MOTOR



0		For Bidding			
No.	DATE	DESCRIPTION	PREPARED BY	CHECKED BY	APPROVED BY

HYUNDAI ELECTRIC



AC INDUCTION MOTOR DATA SHEET

Model No.	on DEO No			Itana NIa			Der N	I- E	1	
Model No.or RFQ No.Project Name				Item INU.			Ouenti	ю. L		
GENERAL SPECIFICATION					PERFORMANCE DATA					
Frame Size 71M				PERFURMANCE DATA Patad Output 0.4 IW 0.5 UP						
Trane Size	3	/1M			Number of	ipui	0.4	<u>K VV</u>	0.3 HP	
Type	(Durste stieve)	Totally Englosed / ID55		Number of Poles		Samiral Ca	4			
Enclosure(Protection)	Totally Enclos	sed / IP55		Kotor Ty	pe		ge 🗆 T	7 4	
Deted Ener	Cooling	IC411(FC)		Starting Method*		✓ D.O.L	<u>г П</u>	Γ-Δ		
Rated Frequency		60 Hz		Rated Vo		380 V				
Number of	Chases	3			Current	Full Load	1.1 A			
Insulation Class					Locked-rotor** 380 %					
Temp. Kis		(by resistance method)			Efficienc	у				
Motor Location		80 deg. C								
Altitude		☐ Indoor ☐ Outdoor				1000/ Lood	78.2	0/		
Altitude Deletive U		Less than 1000 meter			Downer Fo	100% Load	/8.2	%		
Ambient T	umany Seme	Less than 80%		Power Factor(p.u)						
Ambient I	emp.	40 deg. C (Max.)								
Duty Type	-4	Continuous (S1)			1000/ L 1	0.695				
Service Fa	ctor	1.15			G 1 (100% Load	0.685			
Mounting		B3			Speed at	Full Load	1/15	r.p.m		
	Туре	Anti-Friction	1		Torque	F 11 F 1	0.0	r.p.mkg \cdot m2.2%0.7kg%0.5kgkg \cdot m ²		
Bearing	DE/N-DE	6203ZZC3	/ 6202ZZC	3	Moment of Inertia (J) Load(Max.) Motor		0.2	kg∙m	2.2	
	Lubricant	Grease			Image: Second Structure Image: Second Structure	%	0.7 kg·m			
External T	hrust	Not applicable				Breakdown**	230	%	0.5 kg⋅m	
Coupling I	Method	✓ Direct	V-Belt		Moment	of Inertia (J)	0.011	-		
Shaft Exte	nsion	⊡ Single				Load(Max.)	0.341	$kg \cdot m^2$		
Terminal	Main	🗹 Aluminum	Cast Iron	l		Motor	0.001	$kg \cdot m^2$		
Box	Aux.	∐ Yes	∐ No		Sound Pr	essure Level (N	lo-load & me	an value at 1	1 m from motor)	
	Location	Refer to Outli	ne Drawing				56	dB(A)		
Application				Vibration		1.6 mm/sec (peak)				
Area class	ification	Non-Hazardous		Permissible number of		Cold 20	times			
Type of Ex	x-Protection	Not applicable		consecuti	ve starts	Hot 15 times				
Applicable Standard KS, IEC, NEM		IA MG1 Part3	0(Vpeak)	Paint	Munsell No.	PHANTON	E 279C			
ACCESSO	ORIES					SUBMIT	TAL DRAW	/ING		
					Outline D	Dimension Drav	ving \	Motor Wei	ght(Approx.)	
						B3	LM-A1071	B3P3V01	15 kg	
						-				
					REMARK					
					 *. Premium efficiency(IE3) acc. to KS C 4202 *. SSEN Series *. For use on PWM VFD 10:1VT,3:1CT@1.0S.F&F Temp.rise 					
							RID			
SPARE PA	ARTS									
							1	1	1	
					Date	DSND	CHKD	CHKD	APPD	
					2021 04 2	51				
					2021-04-2	21				
Note: Others no	ot mentioned in thi	s data sheet shall be	in accordance with n	naker standard.						
Above te	echnical data are o	nly design values and	d shall be guaranteed	with tolerance o	f applicable st	andard.				
Inspection * In case	on and performanc of Inverter-Fed N	e test shall be maker lotor, performance d	standard, if not mer ata is based on sine y	ntioned. wave tests.						
** Data i	s based on when the	he motor is supplied	at rated voltage & fr	equency. and the	data is expres	sed as a percentage o	f full-load value.			

A4(210mm X 297mm)







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NC		WEIGH	r f	PART	NO.		REMA		NO.	
JECT		SSEN	SERIES	5 71-	80FR	R. В(XC	A3 (1:1)	
- 	E	RMIN	JAL	BC	DX	A	SS'\	ſ		A
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NO		<u>3</u> M-	234	7 <u>5</u> 4		Re	vision	No.	0	
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