

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

SPECIFICATION for INDUCTION MOTOR



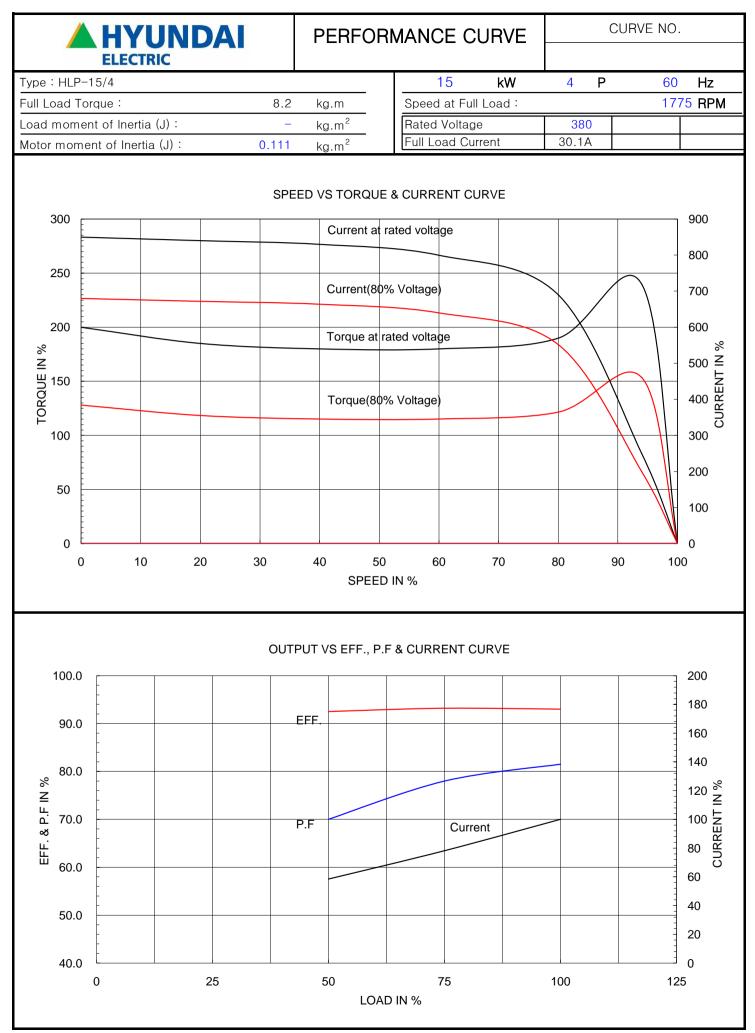
0		For Bidding			
No.	DATE	DESCRIPTION	PREPARED BY	CHECKED BY	APPROVED BY

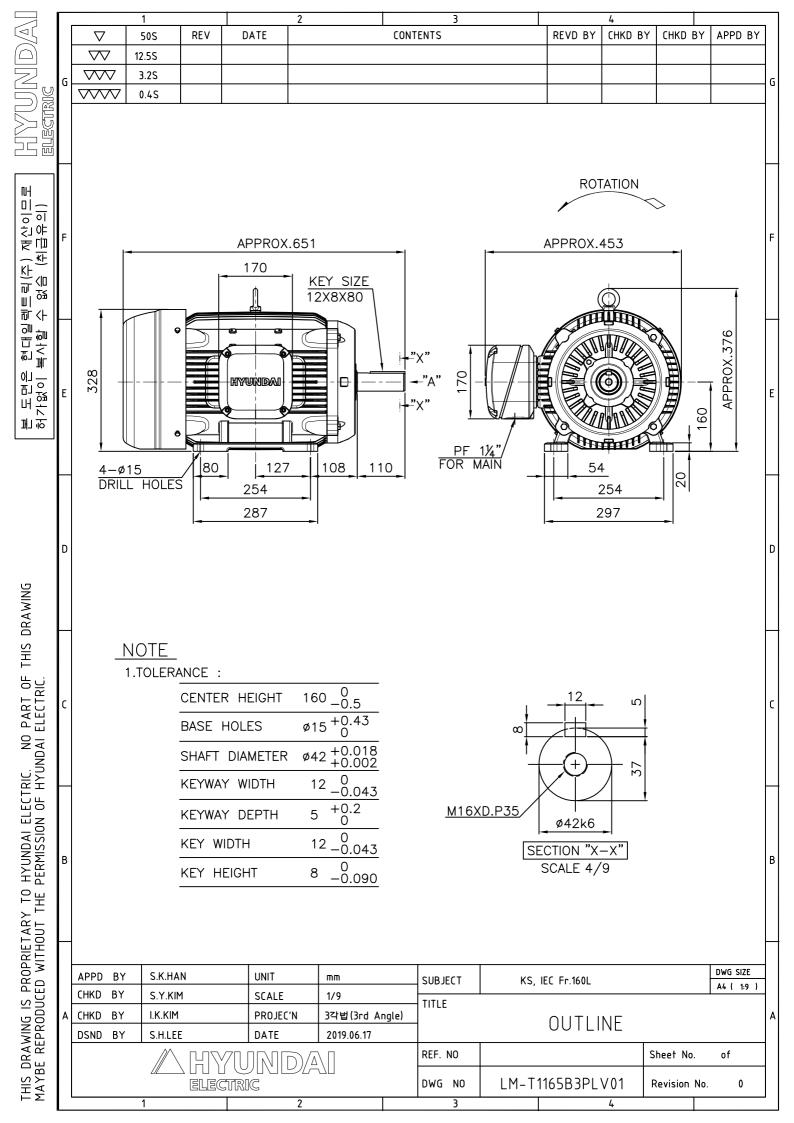
HYUNDAI ELECTRIC

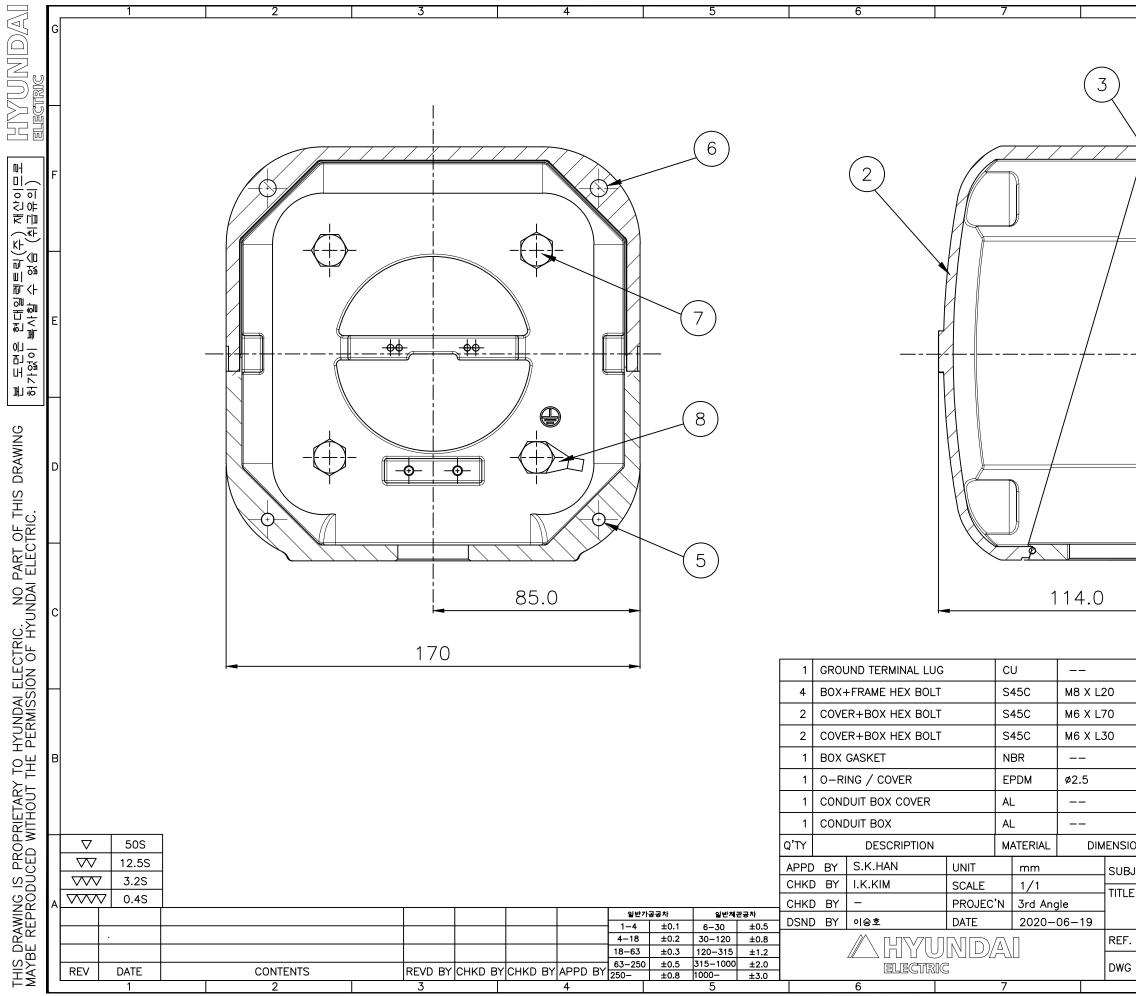


AC INDUCTION MOTOR DATA SHEET

	DEC 11						-				
	or RFQ No.			Item No.			Rev. N				
Project Name Project No.					Quantity sets						
GENERAL SPECIFICATION						PERFORMANCE DATARated Output15 kW20.0 HP					
Frame Size	e	160L			Rated Ou		15		20.0 HP		
Type		HLP-15/4			Number		4				
Enclosure(Protection)		Totally Enclosed / IP55			Rotor Ty		Squirrel Cag				
Method of Cooling		IC411(FC)			Starting I		✓ D.O.L	□ Y	<u>- Δ</u>		
Rated Frequency		60 Hz			Rated Vo		380 V				
Number of		3			Current	Full Load	30.1 A				
Insulation		F B H				Locked-rotor**	850 %				
· ·		,			Efficienc	У					
	1.0 S.F	80 deg. C									
Motor Location		✓ Indoor □ Outdoor			-						
Altitude		Less than 1000 meter				100% Load	93.0	%			
Relative H		Less than 80 %			Power Fa	ctor(p.u)	1				
Ambient T	<u> </u>	40 deg. C (Max.)			-						
Duty Type		Continuous (S1)									
Service Fa	ctor	1.15				100% Load	0.815				
Mounting		B3			*	Full Load	1775	r.p.m			
	Туре	Anti-Fri			Torque		1				
Bearing	DE/N-DE	6309ZZ	C3 / 6309ZZ	C3		Full Load		kg∙m	80.7		
	Lubricant	Grease				Locked-rotor**	200	%	16.5 kg·m		
External T	ĥrust	Not app	licable			Breakdown**	240	%	19.8 kg m		
Coupling I	Method	☑ Direct □ V-Belt			Moment	of Inertia (J)					
Shaft Exte	nsion	Single Double			Load(Max.)	12.346	$kg \cdot m^2$				
Terminal	Main	Image: Aluminum Image: Cast Iron Image: Yes Image: No				Motor	0.111	$kg \cdot m^2$			
Box	Aux.				Sound Pressure Level (No-load & mean value at 1m from moto						
Location		Refer to Outline Drawing			70 dB(A)						
Applicatio	n				Vibration2.2 mm/sec (peak)						
Area class	ification	Non-Hazardous			Permissible number of Cold 19 times						
Type of Ex	x-Protection	Not applicable			consecuti	ve starts	Hot 13	times			
Applicable Standard		KS, IEC, NEMA MG1 Part30(Vpeak)			Paint	Munsell No.	PHANTON	E 279C			
ACCESSO	ORIES					SUBMIT	TAL DRAW	/ING			
					Outline I	Dimension Drav	ving \	Motor Wei	ght(Approx.)		
						B3	LM-T1165	B3PLV01	136 kg		
					REMAR	K					
					*. Premium efficiency(IE3) acc. to KS C 4202						
					*. SSEN Series						
					*. For u	ise on PWM VI	FD 10:1VT,3	:1CT@1.0S.	F&F Temp.rise		
SPARE PA	ARTS					FOR	BID	UIN	G		
						— ———————————————————————————————————					
					Date	DSND	CHKD	CHKD	APPD		
					Date						
					2021-04-2	29					
Note: Others not mentioned in this data sheet shall be in accordance with maker standard.											
			values and shall be guarante		of applicable st	andard.					
-	Inspection and performance test shall be maker standard, if not mentioned.										
* In case of Inverter-Fed Motor, performance data is based on sine wave tests. ** Data is based on when the motor is supplied at rated voltage & frequency. and the data is expressed as a percentage of full-load value.											







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