

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

SPECIFICATION for INDUCTION MOTOR



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





AC INDUCTION MOTOR DATA SHEET

Model No.or RFQ No.			Item No.			Rev. N	No. []
Project Na	ame		Project No.			Quantity		sets
GENERAL SPECIFICATION		PERFORMANCE DATA						
Frame Size 160M			Rated Output 15 kW 20.0 HP					
Type		HLP-15/2		Number of Poles		2		
Enclosure(Protection)						Squirrel Cage		
Method of Cooling		IC411(FC)				D.O.L	Y	- ^
Rated Free		60 Hz		Rated Voltage		220 V		
Number of				Current		48.6 A		
Insulation				L L	Locked-rotor**	880 %		
				Efficiency 880 %				
	1.0 S.F			Efficiency	/			
Motor Loc		80 deg. C V Indoor Outdoor						
Altitude	cation	Less than 1000 meter		-	100% Load	91.0	0/2	
Relative H	Jumidity	Less than 80 %		Power Fa		91.0	/0	
Ambient 7	•		Aor)	rower ra	ctor(p.u)			
		Č `	Max.)	-				
Duty Type		Continuous (S1)		-	1000/ 7	0.000		
Service Fa		1.15			100% Load	0.890		
Mounting				Speed at I	Full Load	3535	r.p.m	
	Type	Anti-Friction		Torque				
Bearing	DE/N-DE	6309ZZC3 / 6309ZZC	3		Full Load		kg⋅m	40.5
	Lubricant	Grease			Locked-rotor**	180	%	7.4 kg⋅m
External T	Thrust	Not applicable			Breakdown**	250	%	10.3 kg⋅m
Coupling	Method	☑ Direct ☐ V-Belt		Moment of	of Inertia (J)			
Shaft Exte	ension	☑ Single ☐ Double			Load(Max.)	4.960	kg·m ²	
Terminal	Main	☑ Aluminum ☐ Cast Iron			Motor		kg·m ²	
Box	Aux.	☐ Yes ☐ No		Sound Pressure Level (No				m from motor)
20.1	Location	Refer to Outline Drawing		Dound 11	20,010		dB(A)	
Application		There's Guille Bluming		Vibration		2.2 mm/sec (peak)		
Area class		Non-Hazardous					times	ukj
		Not applicable		consecutive starts			times	
* *	e Standard	KS, IEC, NEMA MG1 Part30	(Vpools)			PHANTON		
ACCESSO		RS, IEC, NEWA WOT Faits	o(vpeak)					
ACCESSO	JRIES			SUBMITTAL DRAWING Outline Dimension Drawing \ Motor Weight(Approx.)				
				Outline D		<u> </u>		, , , ,
					B3	LM-T1163	B3PLV01	118 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				
SPARE PARTS			FOR BIDDING					
				Date	DSND	CHKD	CHKD	APPD
				Date	חאומת	CHKD	CHKD	ALLD
				2021-04-2	.9			
Note: Others no	ot mentioned in thi	s data sheet shall be in accordance with n	naker standard.					

Above technical data are only design values and shall be guaranteed with tolerance of applicable standard.

Inspection and performance test shall be maker standard, $\,$ if not mentioned.

 $\ensuremath{^{*}}$ 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.

HHI W230-131-1 A4(210mm X 297mm)

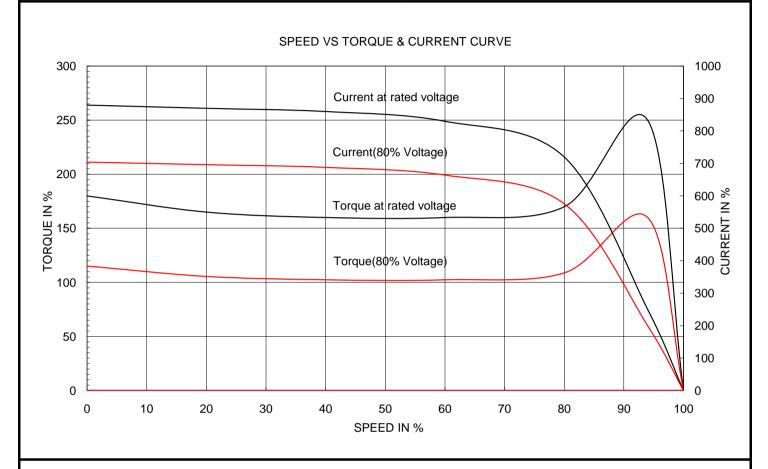


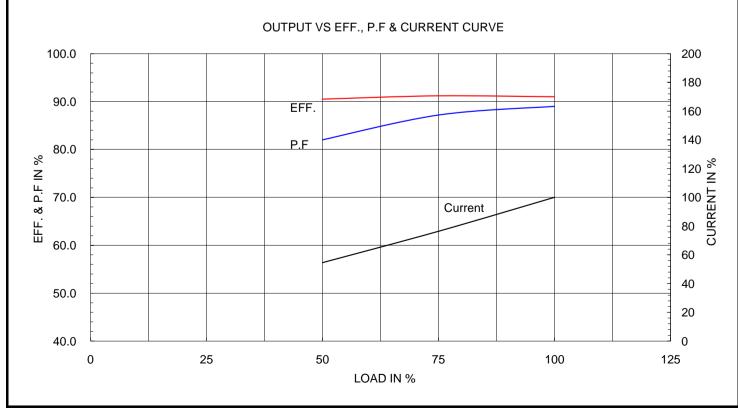
PERFORMANCE CURVE

CURVE NO.

Type: HLP-15/2		
Full Load Torque:	4.1	kg.m
Load moment of Inertia (J):	_	kg.m ²
Motor moment of Inertia (J):	0.049	kg.m²

15	kW	2	Р	60	Hz
Speed at Full L			353	35 RPM	
Rated Voltage	220				
Full Load Curre	48.6	Α			





RM-P251-133 A4(210mm x 297mm)



본 도면은 현대일렉트릭(주) 재산이므: | 허가없이 복사할 수 없음 (취급유의)



