

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. 1	No.]	
Project Na	ame		Project No.			Quantity		sets	
GENERAL SPECIFICATION				PERFORMANCE DATA					
Frame Siz	e	160M		Rated Outp	out	15	kW	20.0 HI	2
Туре		HLP-15/2		Number of	Poles		2		
Enclosure(Protection)		Totally Enclosed / IP55		Rotor Type	е	Squirrel Ca	ge		
Method of	Cooling	IC411(FC)		Starting M		☑ D.O.L	□ Y	- Δ	
Rated Free	quency	, ,		Rated Volt	age	440 V			
Number of	f Phases	3			Full Load	24.3 A			
Insulation	Class	✓F □B □ H		I	ocked-rotor**	880 %	ó		
Temp. Ris	e at full load			Efficiency		ļ.	*	Ţ.	
at	1.0 S.F	80 deg. C							
Motor Location		✓ Indoor							
Altitude		Less than 1000 meter		1	100% Load	91.0) %		
Relative H	Iumidity	Less than 80 %		Power Factor(p.u)					
Ambient 7	Гетр.	40 deg. C (N	lax.)						
Duty Type		Continuous (S1)							
Service Fa	actor	1.15		1	100% Load	0.890)		
Mounting		B3		Speed at F	ull Load	3535	r.p.m		
	Туре	Anti-Friction		Torque					
Bearing	DE/N-DE	6309ZZC3 / 6309ZZC	3		Full Load	4.1	kg⋅m	40.5	
	Lubricant	Grease		I	ocked-rotor**	180		7.4	kg⋅m
External T		Not applicable			Breakdown**	250) %	10.3	
Coupling		✓ Direct		Moment of	f Inertia (J)				Ü
Shaft Exte		☑ Single ☐ Double			Load(Max.)	4.960	kg·m ²		
Terminal		☑ Aluminum ☐ Cast Iron			Motor		kg·m ²		
Box	Aux.	☐ Yes ☐ No			ssure Level (N			m from	motor)
_ ***	Location	Refer to Outline Drawing		77 dB(A)					
Application		Refer to Outime Brawing		Vibration 2.2 mm/sec (peak)					
Area class		Non-Hazardous		Permissible number of Cold 6 times					
		Not applicable		consecutiv			times		
•	e Standard	KS, IEC, NEMA MG1 Part30	O(Vpeak)		Munsell No.	PHANTON			
ACCESSO			\ 1 /	SUBMITTAL DRAWING					
		<u> </u>		Outline Dimension Drawing \ Motor Weight(Approx.)					
					В3	LM-T1163		118	
				REMARK					
				*. Premi	um efficiency((IE3) acc. to	KS C 4202		
				*. SSEN Series					
				*. For us	e on PWM VI	FD 10:1VT,3	3:1CT@1.0S.	F&F Ter	np.rise
			I г		DID				
SPARE PARTS				OR	RID	אווטי			
			1						
				Date	DSND	CHKD	CHKD	AP	PD
				2021-04-29					
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.

* 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)

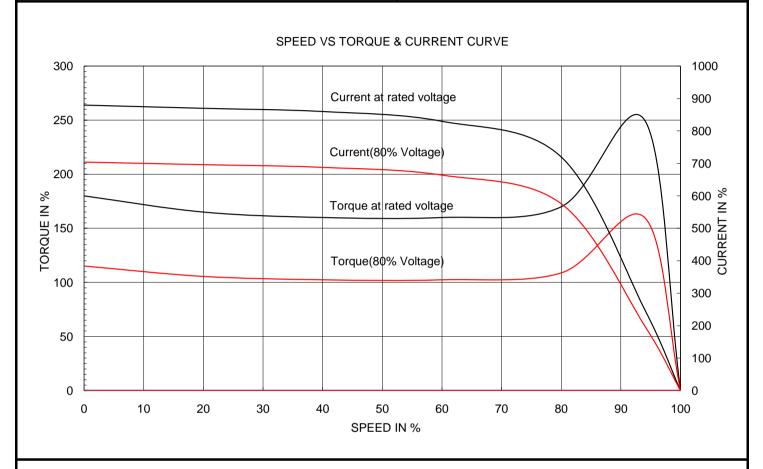


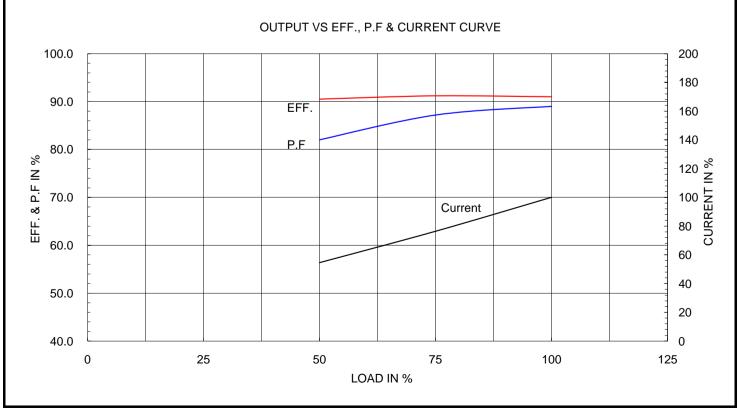
PERFORMANCE CURVE

CURVE NO.

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

15 kW	2 P	60	Hz
Speed at Full Load:		353	35 RPM
Rated Voltage	440		
Full Load Current	24.3A		





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



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



