

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	90L		Rated Outp	out	1.5	kW	2.0 H	P
Type		HLP-1.5/4		Number of	Poles		4		
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	60 Hz		Rated Volt	age	220 V			
Number of	f Phases	3		Current F	Full Load	5.6 A	Δ		
Insulation	Class	☑F □B □ H		I	ocked-rotor**	930 %	6		
Temp. Ris	e at full load			Efficiency					
at	1.0 S.F	80 deg. C							
Motor Loc	cation	✓ Indoor							
Altitude		Less than 1000 meter		1	100% Load	86.5	5 %		
Relative H	Iumidity	Less than 80 %		Power Fac	tor(p.u)	•			
Ambient 7	Гетр.	40 deg. C (N	Max.)	4 /					
Duty Type	;	Continuous (S1)							
Service Fa	ictor	1.15		1	100% Load	0.810	0		
Mounting		B3		Speed at F	ull Load	1745	r.p.m		
	Туре	Anti-Friction		Torque		•			
Bearing	DE/N-DE	6205ZZC3 / 6204ZZC	3	F	Full Load	0.0	3 kg·m	8.2	
	Lubricant	Grease		I	ocked-rotor**	320) %	2.7	kg⋅m
External T	`hrust	Not applicable		E	Breakdown**	300) %		kg⋅m
Coupling	Method	☑ Direct ☐ V-Belt		Moment of	f Inertia (J)	ļ			-
Shaft Exte	ension	☑ Single ☐ Double]	Load(Max.)	1.256	5 kg⋅m²		
Terminal	Main	✓ Aluminum ☐ Cast Iron	1]	Motor		3 kg·m²		
Box	Aux.	☐ Yes ☐ No		Sound Pres	ssure Level (N			m from	motor)
	Location	Refer to Outline Drawing		55 dB(A)					
Application	on			Vibration 1.6 mm/sec (peak)					
Area class		Non-Hazardous		Permissible number of Cold 20 times					
Type of Ex-Protection		Not applicable		consecutiv	e starts	Hot 15	times		
Applicable	e Standard	KS, IEC, NEMA MG1 Part30	0(Vpeak)			PHANTON	IE 279C		
ACCESSO	ORIES			SUBMITTAL DRAWING					
				Outline Dimension Drawing \ Motor Weight(Approx.)					rox.)
					В3	LM-T1095	B3PLV01	30	kg
				,			•		
				REMARK					
				*. Premium efficiency(IE3) acc. to KS C 4202 *. SSEN Series					
				*. For us	e on PWM VI	FD 10:1VT,	3:1CT@1.0S.	F&F Te	mp.rise
				\bigcirc D	DID				
SPARE PARTS			Г	OR	טוס	ווטי	U		
				Date	DSND	CHKD	CHKD	AP	PPD
				2021 04 2					
				2021-04-26					
Note: Others no	ot mentioned in thi	s data sheet shall be in accordance with n	naker standard			<u> </u>		1	

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.

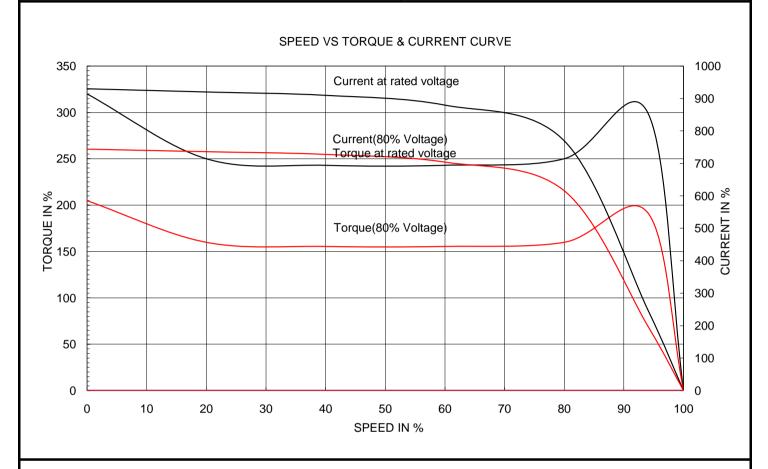
HHI W230-131-1 A4(210mm X 297mm)

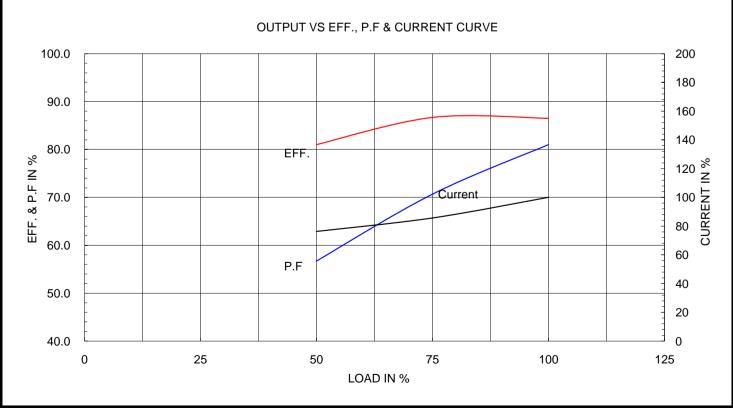
PERFORMANCE CURVE

CURVE NO.

Type: HLP-1.5/4		
Full Load Torque:	0.8	kg.m
Load moment of Inertia (J):	_	kg.m²
Motor moment of Inertia (J):	0.003	kg.m²

1.5 kW	4 P	60	Hz
Speed at Full Load:		174	45 RPM
Rated Voltage	220		
Full Load Current	5.6A		





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

