

AC INDUCTION MOTOR DATA SHEET

ELC											
Model No.c	or RFQ No.					Item No.			Rev. No.		[0]
Project Nan	-				Project No.		Quantity			set	
3		RAL SPEC	CIFICATIO)N		, ,	PER	FORMANCE	< ,		
Frame Size		132M				Rated Outpu		5.5 kV		7	.5 HP
Туре		HLP-5.5/6			Number of Poles			6			
Enclosure(Protection)		Totally Enclosed(IP55)			Rotor Type		Squirrel Cage				
Method of Cooling		IC411(FC)			Starting Met	hod*	$\blacksquare D.O.L \qquad \Box Y-\Delta$				
Rated Frequency		60 Hz			Rated Volta		440 V 380 V 220 V				
Number of Phases		3				Full Load	11.3		3.1 A	22.7	
Insulation Class		F	B		I	4 -	Locked-rotor**	750		50 %	750 9
		y resistance method)			Efficiency	Locked-Totor	750	/0 /.	50 70	750 ,	
	1.0 S.F	80 °C					50% Load	01	.0 %		
Motor Location		Indoor Outdoor				75% Load		.0 % .6 %			
		Less than 1000m				100% Load		.0 %			
Altitude					Description		91	.0 %			
Relative Humidity					Power Facto	<u> </u>	0.54	2			
Ambient Temp.		40		.Х.			50% Load	0.54			
Duty Type		Continue	ous(S1)				75% Load	0.65			
Service Factor		1.15				100% Load	0.70				
Mounting	·	■ B3 □ B5 □ V1 □ B3/B5			Speed at Ful	I Load	11'	75 r.p.m			
	Туре	Anti-Fri				Torque		-1			
Bearing	DE/N-DE	6208ZZ			ZZC3	4 -	Full Load		.6 kg.m		
	Lubricant		Polyrex-EM	[)		4 4	Locked-rotor**		70 %		
External Thrust		Not applicable				Breakdown**	2:	50 %			
Coupling Method		Direct DrBelt			Moment of I	nertia (J)					
Shaft Exten	sion	Sing	le [Double			Load(Max.)	11.397872.	34 kg∙m²		
Terminal	Main	□ Steel	1	Cast Irc	n		Motor	0.03	52 kg∙m²		
Box	Aux.	□ Yes ■ No				Sound Pressure Level (No-load & mean value at 1m from motor)					
Location		Refer to Outline Drawing				63 dB(A)					
Application	l				Vibration		1	.6 mm/sec(r.m.s)		
Area classification		Non-Hazardous			Permissible	number of	Cold	3 times			
Type of Ex-Protection		Not applicable			consecutive starts		Hot	2 times			
Applicable Standard		KS, IEC, NEMA MG1 Part30(Vpeak)			Paint	Paint Munsell No. Panton279C					
ACCE	SSORIES						SUB	MITTAL DR	AWING		
						Outline Dim	ension Drawing		\ Moto	or Weigl	ht(Approx.)
						[B3	LM-T0133B	•		75 kg
							B5				kg
							V1				kg
							B3/B5				kg
						Main T-Box		3M-148549			C
					RI	EMARK	1				
					*.Premium Efficiency(IE3) *.For use on PWM VFD 10:1VT,3:1CT@1.0S.F&F Temp.rise						
						4					
SPAR	E PARTS										
						Date	DSND	CHKD	СНК	D	APPD
						2018-11-23	R.G. KIM		O.J. K	IM	S.K.HAN
	mentioned in this da							N	Made in Vietnam	ı	
	hnical data are only	-	-		lerance of app	licable standard.					
Inspection	and performance te	st shall be mak	cer standard, if	not mentioned.							

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.

** The data are based on rated voltage & frequency, and data are expressed as a percentage of full load value.

HEES W230-131-1 * In case of Inverter or V.V.V.F Motor:Performance data is based on sine wave tests.

