

AC INDUCTION MOTOR DATA SHEET

ELE	CIRIC										
Model No.or RFQ No.			Item No.		F	Rev. No.]	0]			
Project Nan	<u>``</u>					Project No.			Quantity	<u> </u>	set
		RAL SPEC	CIFICATI	ON		-	PER	FORMANCE			
Frame Size		160L				Rated Outpu	t	11 kW	7	15	5 HP
Туре		HLP-11/6			Number of F		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 Voltag		440 \) V	220	
Number of Phases		3					Full Load	20.7 A			41.4
Insulation Class		F F	B		Н		Locked-rotor**	670 %		%	670 9
Temp. Rise at full load (by resistance method)						Efficiency				I	
at 1.0 S.F		80 °C			50% Load 91.0 %						
Motor Location		■ Indoor □ Outdoor			1 †	75% Load		8 %			
Altitude		Less than 1000m			1 †	100% Load		7 %			
Relative Humidity		Less than 80 %			Power Factor(p.u)						
Ambient Temp.		40 °C MAX.				50% Load	0.63	5			
Duty Type		Continuo				1 †	75% Load	0.720			
Service Factor		1.15	()			-	100% Load	0.760			
Mounting		B3	□ B5	□ V1 □	B3/B5	Speed at Ful			5 r.p.m		
1110 0111118	Туре	Anti-Frie				Torque	- 2000		e npill		
Bearing	DE/N-DE	6309ZZ0		/ 6309	PZZC3		Full Load	9	1 kg.m		
	Lubricant		Polyrex-EN				Locked-rotor**		0 %		
External Th		Not appl	-	1)			Breakdown**		0 %		
Coupling Method				V-Belt		Moment of I		21	0 /0		
Shaft Extension		Singl		\square Double		-	Load(Max.)	22.7957446	8 kg·m ²		
	Main			Cast Ir			Motor		$\frac{3 \text{ kg} \text{ m}^2}{3 \text{ kg} \text{ m}^2}$		
Terminal	Aux.	\square Yes		No					v	motor)	
Box Location		Refer to Outline Drawing			Sound Press	Sound Pressure Level (No-load & mean value at 1m from motor) 56 dB(A)					
Application			Refer to Outline Drawing			Vibration			$\frac{0 \text{ uB(A)}}{2 \text{ mm/sec(r.n)}}$	<u>1 e)</u>	
Area classification		Non-Hazardous			Permissible number of			$\frac{2}{3}$ times	1.57		
Type of Ex-Protection		Non-Hazardous Not applicable			consecutive starts			2 times			
Applicable Standard		KS, IEC, NEMA MG1 Part30(Vpeak)			Paint Munsell No.		Panton279C	2 units			
Applicable Standard		IND, IEC.	, INDIVIA IV	101 1 41130	(урсак)						
ACCEDUNIED		_		Outline Dim	SUBMITTAL DRAWING Outline Dimension Drawing \ Motor Weight(Application Application Applicatio						
							B3	LM-T1165B3		weigin	136 kg
						-	B5 B5	LIVI-11103D3	PLVUI		
						-	V1				kg
											kg
							B3/B5	214 145960			kg
					Main T-Box	Assy	3M-145860				
					EMARK						
				*.Premium Efficiency(IE3)							
				*.For use on PWM VFD 10:1VT,3:1CT@1.0S.F&F Temp.rise							
SPAR	E PARTS					1					
		_									
						Date	DSND	CHKD	CHKD		APPD
						Dail					
						2018 11 22	R.G. KIM		O.J. KIN	л	S.K.HAN
						2018-11-23	K.G. KIM		U.J. KIN	/1	э.к.наn
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	mentioned in this da hnical data are only					licable standard		M	ade in Vietnam		
	and performance te					meable 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.

** 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.

