

AC INDUCTION MOTOR DATA SHEET

Model No.or RFQ No.			Item No.			ev. No.	$\begin{bmatrix} 0 \end{bmatrix}$	
Project Name		Project No.		,	ıantity	set		
GENERAL SPECIFICATION				PERFORMANCE DATA Output 0.75 kW 1 HP				
Frame Size		90L	Rated Outpu	Rated Output		0.75 kW		
Type		HLP-0.75/6	Number of Poles		6			
Enclosure(Protection)		Totally Enclosed (IP55)	Rotor Type		Squirrel Cage			
Method of Cooling		IC411(FC)	Starting Method*		D.O.L		Y -∆	
Rated Frequency		60 Hz	Rated Voltage		440 V	380	V 220 V	
Number of Phases		3	Current	Full Load	1.7 A	2.0	A 3.4 A	
Insulation Class		■ F □ B □ H	1 1	Locked-rotor**	510 %	510		
Temp. Rise at full load (by resistance method)			Efficiency					
at 1.0 S.F		80 °C	1 1	50% Load	79.5	%		
Motor Location		■ Indoor □ Outdoor	75% Load		82.5 %			
Altitude		Less than 1000m	1	100% Load		82.5 %		
Relative Humidity		Less than 80 %	Power Factor(p.u)					
Ambient Temp.		40 °C MAX.	50% Load 0.488					
Duty Type		Continuous(S1)	75% Load		0.628			
Service Factor		1.15	100% Load		0.694			
Mounting		■ B3 □ B5 □ V1 □ B3/B5	Speed at Ful		1140 r.p.m			
Type		Anti-Friction	Torque					
Bearing	DE/N-DE	6205ZZ / 6204ZZ		Full Load 0.6 kg.m				
Dearing	Lubricant	Grease(HIFLEX L-3)		Locked-rotor**	200			
External Th			-1 ⊢	Breakdown**				
External Thrust		Not applicable ■ Direct □ V-Belt	Moment of I		n** 265 %			
Coupling Method Shaft Extension		Single Double	-	Load(Max.)	1.601973684 kg·m²			
Shart Exten			⊣ ⊢	Motor				
Terminal	Main					kg·m²	-1	
Box	Aux.	☐ Yes ■ No	Sound Pressure Level (No-load & mean value at 1m from motor)					
Location		Refer to Outline Drawing	Vibration		67 dB(A)			
Application		NY YY 1			1.6 mm/sec(r.m.s) Cold 3 times		S)	
Area classification		Non-Hazardous	4	Permissible number of				
Type of Ex-Protection		Not applicable	consecutive			times		
Applicable Standard		KS, IEC, NEMA MG1 Part30(Vpeak)	Paint	Munsell No.	Panton279C			
ACCESSORIES		SUBMITTAL DRAWING						
			Outline Dimension Drawing		\ Motor Weight(Approx.)			
				B3	LM-T1095B3P	LV01	30 kg	
				B5			kg	
				V1			kg	
				B3/B5			kg	
			Main T-Box Ass'y		3M-148548			
		REMARK						
		*.Premium Efficiency(IE3)						
		*.For use on PWM VFD 10:1VT,3:1CT@1.0S.F&F Temp.rise						
			_					
SPAR	E PARTS							
			Date	DSND	CHKD	CHKD	APPD	
			2018-11-23	R.G. KIM		O.J. KIM	S.K.HAN	
Note: Others not mentioned in this data sheet shall be in accordance with maker standard						le in Vietnam		

Made in Vietnam

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.

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

