

Model No. or RFQ No.		Item No.		Rev. No.	
Project Name		Project No.		Quantity	sets

GENERAL SPECIFICATION			PERFORMANCE DATA				
Frame Size	132M		Rated Output	7.5 kW 10 HP			
Type	HLP-7.5/4		Number of Poles	4			
Enclosure(Protection)	Totally Enclosed / IP55		Rotor Type	Squirrel Cage			
Method of Cooling	IC411(FC)		Starting Method*	<input checked="" type="radio"/> D.O.L <input type="radio"/> Y-△			
Rated Frequency	60 Hz		Rated Voltage	440 V	380 V	220 V	
Number of Phases	3		Current	Full Load	13.6 A	15.7 A	27.2 A
Insulation Class	<input checked="" type="radio"/> F <input type="radio"/> B <input type="radio"/> H			Locked-rotor**	750%	750%	750%
Temp. Rise at full load (by resistance method) at 1.0 S.F	80 deg.C		Efficiency	50% Load	89.7%		
				75% Load	91.7%		
Motor Location	<input checked="" type="radio"/> Indoor <input type="radio"/> Outdoor			100% Load	91.7%		
Altitude	Less than 1000 meter		Power Factor(p.u)	50% Load	0.645		
Relative Humidity	Less than 80%			75% Load	0.745		
Ambient Temp.	40 deg.C (Max.)			100% Load	0.79		
Duty Type	Continuos (S1)		Speed at Full Load	1760 r.p.m			
Service Factor	1.15		Torque	Full Load	4.2 Kg-m		
Mounting	B5			Locked-rotor**	200%		
				Breakdown**	260%		
Bearing	Type	Anti-Friction	Moment of Inertia (J)	Load(Max.)	2.646 Kg-m ²		
	DE/N-DE	6208ZZC3 / 6208ZZC3		Motor	0.03 Kg-m ²		
	Lubricant	Grease(Polyrex-EM)	Sound Pressure Level (No-load & mean value at 1m from motor)				62 dB(A)
External Thrust	Not applicable		Vibration				1.6 mm/sec (r.m.s)
Coupling Method	<input checked="" type="radio"/> Direct <input type="radio"/> V-Belt		Permissible number of consecutive starts	Cold	3 times		
Shaft Extension	<input checked="" type="radio"/> Single <input type="radio"/> Double			Hot	2 times		
Terminal Box	Main	<input type="radio"/> Cast Iron <input type="radio"/> Steel <input checked="" type="radio"/> Aluminum	Paint	Munsell No.	PANTONE 279C		
	Aux.	<input type="radio"/> Yes <input checked="" type="radio"/> No	SUBMITTAL DRAWING				
	Location	Refer to Outline Drawing	Outline Dimension Drawing		Motor Weight (Approx.)		
Application			B3	LM-T2135B3PLV01		78 Kg	
Area classification	Non-Hazardous		Main T-Box Ass'y	3M-234756			
Type of Ex-Protection	Not applicable		REMARK				FOR BIDDING
Applicable Standard	KS, IEC, NEMA MG1 Part50(V _{peak})		Premium Efficiency(IE3) P7P5TC226(220/380V), P7P5TC276(380V), P7P5TC216(440V)				
ACCESSORIES			Date DSND CHKD CHKD APPD				
SPARE PARTS			2026-06-19				

Note: Others not mentioned in this data sheet shall be in accordance with maker 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.