

	<h1 style="text-align: center;">INDUCTION MOTOR</h1> <h2 style="text-align: center;">DATA SHEET</h2>		PROJECT No.	P42-4160-201904-1162	
			HS No.	201904-6424_2000_003	
			L-SPEC No.	DSML10966F003H	
SHEET 1 OF 1		CUSTOMER : HYOSUNG DONG NAI COMPANY LIMIT			
FOR PROPOSAL		JOB No. : N/A		ITEM No. :	
SERVICE : N/A		SITE : 베트남 사양서 작성용 IE2 2극		QUANTITY 1 SET	
GENERAL DATA			PERFORMANCE DATA		
FRAME No.	80M		OUTPUT	1.1 kW	
TYPE	TEFC		POLES	2 P	
ENCLOSURE	TE		ROTOR TYPE	SQUIRREL CAGE	
COOLING METHOD	FC(IC411)		STARTING METHOD	DIRECT ON LINE	
INSULATION CLASS	F	CLASS	PHASE	3 PHASE	
TEMP. RISE AT FULL LOAD			FREQUENCY	50 Hz	
RES. METHOD	80	K (at S.F.:1.0)	SPEED (AT FULL LOAD)	2825 r/min	
RATING	S1		PRIMARY		
LOCATION	INDOOR		VOLTAGE	220 / 380 V	
ALTITUDE	LESS THAN	1000 m	NO LOAD CURRENT	2.9 / 1.7 A	
HUMIDITY	LESS THAN	80 %	FULL LOAD CURRENT	4.9 / 2.8 A	
AMBIENT TEMP.	40	℃	LOCKED-ROTOR CURRENT	770 %	
EXPLOSION PROOF TYPE	N/A		EFFICIENCY		
MOUNTING	B5		AT 1/2 LOAD	73.0 %	
BEARING TYPE	ANTI-FRICTION		AT 3/4 LOAD	75.0 %	
NDE/DE BRG. No.	6203ZZ	/ 6204ZZ	AT FULL LOAD	76.0 %	
BRG. LUBRICATION	N/A		POWER FACTOR		
PROTECTION GRADE	IP55		AT 1/2 LOAD	63.0 %	
SERVICE FACTOR	1.0		AT 3/4 LOAD	73.0 %	
DRIVE	DIRECT COUPLED		AT FULL LOAD	78.0 %	
SHAFT			TORQUE		
EXTENSION	SINGLE		FULL LOAD	0.37 kg-m	
EXTERNAL THRUST	N/A			3.6 N-m	
NOISE LEVEL(MEAN VALUE AT 1m FROM MOTOR)			LOCKED ROTOR	250 %	
NO-LOAD	STANDARD		BREAKDOWN	290 %	
VIBRATION	1.6 mm/s (r.m.s)		MOTOR GD ²	0.007 kg-m ²	
NUMBER OF CONSECUTIVE STARTS	COLD : 2 / HOT : 1 (2P)		MAX LOAD GD ² AT MOTOR SHAFT	0.5 kg-m ²	
ROTATION(VIEWED FROM DE)	C.C.W		MOTOR APPROX. WEIGHT	19 kg	
			PAINTING	0.5PB 3.2/4.4 (ENAMEL)	
ACCESSORIES (OPTIONAL)			SUBMITTAL DRAWINGS		
TEMPERATURE DETECTOR			OUTLINE DIMENSION	ES1AS33101	
WINDING	NO		CONDUIT BOX & COVER	ES1B100101	
TYPE	N/A		SPEED-TORQUE & CURRENT CURVE	1STP42-4160-201904-1162	
BEARING	NO		THERMAL LIMIT	1TLP42-4160-201904-1162	
TYPE	N/A		& TIME-CURRENT		
SPACE HEATER	NO		LOAD vs POWER & EFFICIENCY	1PEP42-4160-201904-1162	
RATING	N/A		<REMARKS> 1. ABOVE ALL DATA ARE CALCULATED AT 100% VOLTAGE. 2. HIGH EFFICIENCY TYPE MOTOR		
APPLICATION STANDARDS					
IEC60034-1					
< NOTE > 1. THESE DATA ARE ONLY DESIGN VALUES AND SHALL BE GUARANTEED WITH TOLERANCE OF APPLICATION STANDARD. 2. EXCEPT FOR STATEMENTS SPECIFIED ON THIS SHEET, ANYTHING ELSE SHALL BE IN ACCORDANCE WITH MAKER'S STANDARD. 3. THE TEMPERATURE MEASURED AT BEARING HOUSING DOES NOT EXCEED 105					
0	2019-05-09	S.U.LEE	J.H.CHA	T.H.KIM	
REV. NO	DATE	PREPARED	CHECKED	APPROVED	