

		INDUCTION MOTOR DATA SHEET		PROJECT No. 29007	
				MODEL No. 17TE-FJUN	
				L-SPEC No. DSML11005H	
SHEET 1 OF 1		CUSTOMER <input type="text"/>			
FOR INFORMATION		JOB NO. <input type="text"/>		ITEM No. <input type="text"/>	
SERVICE <input type="text"/>		SITE <input type="text"/>		QUANTITY <input type="text"/>	
GENERAL DATA			PERFORMANCE DATA		
FRAME No.		90L	OUTPUT		1.5 kW (2 HP)
TYPE		TE-F	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)		2890 r/min
RATING		S1	PRIMARY		
LOCATION		INDOOR	VOLTAGE		380 V
ALTITUDE		LESS THAN 1000 m	NO LOAD CURRENT		1.7 A
HUMIDITY		LESS THAN 80 %	FULL LOAD CURRENT		3.3 A
AMBIENT TEMP.		40 °C	LOCKED-ROTOR CURRENT		900 %
EXPLOSION PROOF TYPE		N/A	EFFICIENCY		
MOUNTING		V1	AT 1/2 LOAD		78.3 %
BEARING TYPE		ANTI-FRICTION	AT 3/4 LOAD		80.3 %
NDE/DE BRG. No.		6204ZZ / 6205ZZ	AT FULL LOAD		81.3 %
BRG. LUBRICATION		N/A	POWER FACTOR		
PROTECTION GRADE		IP55	AT 1/2 LOAD		69 %
SERVICE FACTOR		1.15	AT 3/4 LOAD		79 %
DRIVE		DIRECT COUPLED	AT FULL LOAD		84 %
SHAFT			TORQUE		
EXTENSION		SINGLE	FULL LOAD		0.51 kg-m
EXTERNAL THRUST		N/A			5 N-m
NOISE LEVEL(MEAN VALUE AT 1m FROM MOTOR)			LOCKED ROTOR		270 %
NO-LOAD		N/A	BREAKDOWN		320 %
VIBRATION		N/A	MOTOR GD ²		0.027 kg-m ²
NUMBER OF CONSECUTIVE STARTS		N/A	MAX LOAD GD ² AT MOTOR SHAFT		1 kg-m ²
ROTATION(VIEWED FROM DE)		C.C.W	MOTOR APPROX. WEIGHT		32 kg
			PAINTING		0.5PB 3.2/4.4 (ENAMEL)
ACCESSORIES (OPTIONAL)			SUBMITTAL DRAWINGS		
TEMPERATURE DETECTOR			OUTLINE DIMENSION		ES1AS00802
WINDING		NO	CONDUIT BOX & COVER		ES1B100101
TYPE		-	SPEED-TORQUE & CURRENT CURVE		DSML11005H
BEARING		NO	THERMAL LIMIT & TIME-CURRENT CURVE		DSML11005H
TYPE		-	LOAD vs POWER FACTOR & EFFICIENCY		DSML11005H
SPACE HEATER		NO			
RATING		-			
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 STANDARD.
3. THE TEMPERATURE MEASURED AT BEARING HOUSING DOES NOT EXCEED 105°C.

SUBMITTAL DRAWINGS

<REMARKS>

1. ABOVE ALL DATA ARE CALCULATED AT 100% VOLTAGE.
2. HIGH EFFICIENCY

REV. NO	DATE	PREPARED	CHECKED	APPROVED
1	2021-03-16	S.U.LEE	J.H.CHA	T.H.KIM

Data are subject to change without notice.(설계 개선 및 제작 환경에 따라 사전 공지 없이 특성 사양치 변경될 수 있음)

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