

		<b>INDUCTION MOTOR DATA SHEET</b>			PROJECT No. 5877										
					MODEL No. 24TEFCFEB										
					L-SPEC No. DSML11046C										
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"/>											
<b>GENERAL DATA</b>			<b>PERFORMANCE DATA</b>												
FRAME No.		90L	OUTPUT		0.75 kW										
TYPE		TEFC	POLES		6 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		60 Hz										
RES. METHOD		80 K (at S.F.:1.0)	SPEED (AT FULL LOAD)		1150 r/min										
RATING		S1	PRIMARY												
LOCATION		INDOOR	VOLTAGE		220/380 V										
ALTITUDE		LESS THAN 1000 m	NO LOAD CURRENT		2.9/1.6 A										
HUMIDITY		LESS THAN 80 %	FULL LOAD CURRENT		3.7/2.1 A										
AMBIENT TEMP.		40 °C	LOCKED-ROTOR CURRENT		500 %										
EXPLOSION PROOF TYPE		N/A	EFFICIENCY												
MOUNTING		B3	AT 1/2 LOAD		82.6 %										
BEARING TYPE		ANTI-FRICTION	AT 3/4 LOAD		83.6 %										
NDE/DE BRG. No.		6204ZZ / 6205ZZ	AT FULL LOAD		82.5 %										
BRG. LUBRICATION		N/A	POWER FACTOR												
PROTECTION GRADE		IP55	AT 1/2 LOAD		43.1 %										
SERVICE FACTOR		1.15	AT 3/4 LOAD		55.5 %										
DRIVE		DIRECT COUPLED	AT FULL LOAD		64.5 %										
SHAFT			TORQUE												
EXTENSION		SINGLE	FULL LOAD		0.64 kg-m										
EXTERNAL THRUST		N/A			6.3 N-m										
NOISE LEVEL(MEAN VALUE AT 1m FROM MOTOR)			LOCKED ROTOR		170 %										
NO-LOAD		N/A	BREAKDOWN		265 %										
VIBRATION		N/A	MOTOR GD <sup>2</sup>		0.026 kg-m <sup>2</sup>										
NUMBER OF CONSECUTIVE STARTS		N/A	MAX LOAD GD <sup>2</sup> AT MOTOR SHAFT		2.9 kg-m <sup>2</sup>										
ROTATION(VIEWED FROM DE)		C.C.W	MOTOR APPROX. WEIGHT		30 kg										
			PAINTING		0.5PB 3.2/4.4 (URETHANE)										
<b>ACCESSORIES (OPTIONAL)</b>			<b>SUBMITTAL DRAWINGS</b>												
TEMPERATURE DETECTOR			OUTLINE DIMENSION		ES1AS40102										
WINDING		NO	CONDUIT BOX & COVER		ES1B100801										
TYPE		-	SPEED-TORQUE & CURRENT CURVE		DSML11046C										
BEARING		NO	THERMAL LIMIT & TIME-CURRENT CURVE		DSML11046C										
TYPE		-	LOAD vs POWER FACTOR & EFFICIENCY		DSML11046C										
SPACE HEATER		NO	<REMARKS> 1. ABOVE ALL DATA ARE CALCULATED AT 100% VOLTAGE. 2. PREMIUM EFFICIENCY TYPE MOTOR												
RATING		-													
APPLICATION STANDARDS		IEC60034-1, ISO 3746	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>REV. NO</td> <td>DATE</td> <td>PREPARED</td> <td>CHECKED</td> <td>APPROVED</td> </tr> <tr> <td>1</td> <td>2025-09-22</td> <td>S.U.LEE</td> <td>J.H.CHA</td> <td>Y.J.PARK</td> </tr> </table>			REV. NO	DATE	PREPARED	CHECKED	APPROVED	1	2025-09-22	S.U.LEE	J.H.CHA	Y.J.PARK
REV. NO	DATE	PREPARED	CHECKED	APPROVED											
1	2025-09-22	S.U.LEE	J.H.CHA	Y.J.PARK											
<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.															

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

A4(210X297)

