

		INDUCTION MOTOR DATA SHEET			PROJECT No. 6849	
					MODEL No. 24EFFEB	
					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"/>		
GENERAL DATA				PERFORMANCE DATA		
FRAME No.		90L		OUTPUT		0.75 kW
TYPE		EF		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		Ex d IIB T4		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		1.0		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 ²		0.026 kg-m ²
NUMBER OF CONSECUTIVE STARTS		N/A		MAX LOAD GD ² AT MOTOR SHAFT		2.9 kg-m ²
ROTATION(VIEWED FROM DE)		C.C.W		MOTOR APPROX. WEIGHT		41 kg
				PAINTING		0.5PB 3.2/4.4 (URETHANE)
ACCESSORIES (OPTIONAL)				SUBMITTAL DRAWINGS		
TEMPERATURE DETECTOR				OUTLINE DIMENSION		ES1AS100402
WINDING		NO		CONDUIT BOX & COVER		ES1B100911
		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		REV. NO		
<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.				DATE		2025-09-23
				PREPARED		CHECKED
				1		S.U.LEE
				J.H.CHA		Y.J.PARK

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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