

		INDUCTION MOTOR DATA SHEET			PROJECT No. 7015											
					MODEL No. 24EF-FFEB											
					L-SPEC No. DSML20954H											
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.		132M		OUTPUT		5.5 kW										
TYPE		EF-F		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)		1180 r/min										
RATING		S1		PRIMARY												
LOCATION		INDOOR		VOLTAGE		220/380 V										
ALTITUDE		LESS THAN 1000 m		NO LOAD CURRENT		12.7/7.4 A										
HUMIDITY		LESS THAN 80 %		FULL LOAD CURRENT		22.3/12.9 A										
AMBIENT TEMP.		40 °C		LOCKED-ROTOR CURRENT		650 %										
EXPLOSION PROOF TYPE		Ex d IIB T4		EFFICIENCY												
MOUNTING		V1		AT 1/2 LOAD		88.0 %										
BEARING TYPE		ANTI-FRICTION		AT 3/4 LOAD		90.0 %										
NDE/DE BRG. No.		6206ZZ / 6209ZZ		AT FULL LOAD		91.0 %										
BRG. LUBRICATION		N/A		POWER FACTOR												
PROTECTION GRADE		IP55		AT 1/2 LOAD		56.0 %										
SERVICE FACTOR		1.0		AT 3/4 LOAD		66.0 %										
DRIVE		DIRECT COUPLED		AT FULL LOAD		71.0 %										
SHAFT				TORQUE												
EXTENSION		SINGLE		FULL LOAD		4.54 kg-m										
EXTERNAL THRUST		N/A				44.5 N-m										
NOISE LEVEL(MEAN VALUE AT 1m FROM MOTOR)				LOCKED ROTOR		250 %										
NO-LOAD		N/A		BREAKDOWN		300 %										
VIBRATION		N/A		MOTOR GD ²		0.354 kg-m ²										
NUMBER OF CONSECUTIVE STARTS		N/A		MAX LOAD GD ² AT MOTOR SHAFT		18.2 kg-m ²										
ROTATION(VIEWED FROM DE)		C.C.W		MOTOR APPROX. WEIGHT		110 kg										
				PAINTING		0.5PB 3.2/4.4 (URETHANE)										
ACCESSORIES (OPTIONAL)				SUBMITTAL DRAWINGS												
TEMPERATURE DETECTOR				OUTLINE DIMENSION		ES1AS43007										
WINDING		NO		CONDUIT BOX & COVER		ES1B100912										
		TYPE -		SPEED-TORQUE & CURRENT CURVE		DSML20954H										
BEARING		NO		THERMAL LIMIT & TIME-CURRENT CURVE		DSML20954H										
		TYPE -		LOAD vs POWER FACTOR & EFFICIENCY		DSML20954H										
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>2025-09-23</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	2025-09-23	S.U.LEE	J.H.CHA	Y.J.PARK
REV. NO	DATE	PREPARED	CHECKED	APPROVED												
1	2025-09-23	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)