



INDUCTION MOTOR DATA SHEET

0.75 kW - 4 P

MODEL: KME-01HK1		CUSTOMER :		REV. NO :	
APPLICATION:		PROJECT NAME:			
GENERAL DATA			PERFORMANCE DATA		
FRAME NO.		80		OUTPUT 0.75 kW	
ENCLOSURE	<input type="checkbox"/> DRIP PROOF		POLES 4 POLES		
	<input type="checkbox"/> TOTALLY ENCLOSED		ROTOR TYPE SQUIRREL CAGE		
	<input checked="" type="checkbox"/> Increased Safety Exp.-proof		<input checked="" type="checkbox"/> D.O.L <input type="checkbox"/> Y-		
PROTECTION	IP 44		STARTING METHOD <input type="checkbox"/> REACTOR (%TAP) <input type="checkbox"/> V.V.V.F		
METHODS OF COOLING	<input type="checkbox"/> SC <input checked="" type="checkbox"/> FC <input type="checkbox"/>		<input type="checkbox"/> SOFT-STARTER		
FREQUENCY	60 Hz		RATED VOLTAGE 220 V 380 V V		
PHASE	3 PHASE		CURRENT		
SERVICE FACTOR	1.0		NO LOAD A A A		
INSULATION CLASS	F CLASS		FULL LOAD 3.3 A 1.9 A A		
TEMP. RISE AT FULL LOAD (at S.F 1.0)			STARTING 23.1 A 13.3 A A		
RES. METHOD 100			EFFICIENCY		
THERMO. METHOD			AT 1/2 LOAD %		
LOCATION	<input checked="" type="checkbox"/> INDOOR <input type="checkbox"/> OUTDOOR		AT 3/4 LOAD %		
ALTITUDE	1000 m		AT FULL LOAD 79.0 %		
HUMIDITY	80 %		POWER FACTOR		
AMBIENT TEMPERATURE	-10~40		AT 1/2 LOAD %		
RATING	<input checked="" type="checkbox"/> CONT. <input type="checkbox"/> %ED		AT 3/4 LOAD %		
NEMA DESIGN	B		AT FULL LOAD 73.5 %		
MOUNTING	<input checked="" type="checkbox"/> B3 <input type="checkbox"/> B5 <input type="checkbox"/> V1 <input type="checkbox"/> B3B5		SPEED (AT FULL LOAD) 1720 rpm		
BEARING	TYPE	BALL	TORQUE		
	DEW-DE	6204ZZ/6203ZZ	FULL LOAD 1.3 kg-m 100%		
	LUBRICANT	GREASE	LOCKED ROTOR 2.5 kg-m 190%		
COUPLING METHOD		<input checked="" type="checkbox"/> DIRECT <input type="checkbox"/> V-BELT	BREAKDOWN 2.6 kg-m 200%		
SHAFT			NOISE LEVEL 63.0 dB(A)		
EXTENSION		SINGLE	VIBRATION 30.0 μ m		
EXTERNAL THRUST			ALLOWABLE LOAD GD ² REFERRED TO MOTOR SHAFT		
TERMINAL BOX			(AT DIRECT ON-LINE) 3.6 kg-m ²		
MAIN		<input type="checkbox"/> STEEL <input type="checkbox"/> AL <input checked="" type="checkbox"/> CAST	Motor GD ² 0.0092 kg-m ²		
AUX.		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	MOTOR APPROX. WEIGHT 21.0 kg		
BOX LOCATION		LEFT (Viewed from Drive end)	PAINTING	MUNSELL NO.	7.1B 4.0/0.9
APPLICATION STANDARDS		IEC, KS	THICKNESS	<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> μ m	
ACCESSORIES (OPTIONAL)			SUBMITTAL DRAWINGS		
			OUTLINE DIMENSION		DW-KME-01HK1
			SPEED-TORQUE CURVE		ST-KME-01HK1
NOTE			REMARKS		
1. THESE DATA ARE ONLY DESIGN VALUES AND SHALL BE GUARANTEED WITH TOLERANCE OF APPLICATION STANDARDS.			1. ABOVE ALL DATA ARE CALCULATED AT 100% VOLTAGE.		
2. OTHERS NOT MENTIONED IN THIS SHEET SHALL BE IN ACCORDANCE WITH OTIS STANDARD.			2. eG3 MOTOR		
FC : FAN COOLED SC : SELF COOLED			DATE	PREPARED	CHECKED
			2007.07.18	M.S.PARK	H.K.KIM
					APPROVED
					H.J.KIM