



INDUCTION MOTOR DATA SHEET

0.4 kW 6 P 80

MODEL: KMI-400V8		CUSTOMER :		COIL SPEC NO.:		REV. NO : 0	
APPLICATION:		PROJECT NAME:			QUANTITY : SETS		
GENERAL DATA				PERFORMANCE DATA			
FRAME NO.		80		OUTPUT		0.4 kW	
ENCLOSURE		<input type="checkbox"/> DRIP PROOF		POLES		6 POLES	
		<input checked="" type="checkbox"/> TOTALLY ENCLOSED		ROTOR TYPE		SQUIRREL CAGE	
		<input type="checkbox"/> Increased Safety Exp.-proof		STARTING METHOD		<input checked="" type="checkbox"/> D.O.L <input type="checkbox"/> Y-	
PROTECTION		<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"/>					
PHASE		3 PHASE		RATED VOLTAGE		440 V V	
SERVICE FACTOR		1.15		FREQUENCY		60 Hz	
INSULATION CLASS		B CLASS		CURRENT			
TEMP. RISE AT FULL LOAD (at S.F 1.0)				NO LOAD		A A	
				FULL LOAD		1.2 A A	
				STARTING		6.6 A A	
LOCATION		<input checked="" type="checkbox"/> INDOOR <input type="checkbox"/> OUTDOOR		EFFICIENCY			
ALTITUDE		1000 m		AT 1/2 LOAD		% %	
HUMIDITY		80 %		AT 3/4 LOAD		% %	
AMBIENT TEMPERATURE		-10~40		AT FULL LOAD		64.0 %	
RATING		<input checked="" type="checkbox"/> CONT. <input type="checkbox"/> %ED		POWER FACTOR			
NEMA DESIGN		B		AT 1/2 LOAD		% %	
MOUNTING		<input checked="" type="checkbox"/> B3 <input type="checkbox"/> B5 <input type="checkbox"/> V1 <input type="checkbox"/> B3B5		AT 3/4 LOAD		% %	
BEARING		TYPE		BALL / BALL		AT FULL LOAD	
		DEIN-DE		6204ZZ / 6203ZZ		68.0 %	
		LUBRICANT		GREASE		SPEED (AT FULL LOAD)	
COUPLING METHOD		<input checked="" type="checkbox"/> DIRECT <input type="checkbox"/> V-BELT		TORQUE		FULL LOAD	
ROTATION(Facing Drive End)		<input checked="" type="checkbox"/> CW <input checked="" type="checkbox"/> CCW		LOCKED ROTOR		0.35 kg-m 100%	
SHAFT		EXTENSION		SINGLE		NOISE LEVEL	
		EXTERNAL THRUST		-		VIBRATION	
		TERMINAL BOX		ALLOWABLE LOAD GD ² REFERRED TO MOTOR SHAFT			
MAIN		<input checked="" type="checkbox"/> STEEL <input type="checkbox"/> AL <input type="checkbox"/> CAST		(AT DIRECT ON-LINE)		11.7 kg-m ²	
AUX.		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		Motor GD ²		0.0086 kg-m ²	
BOX LOCATION		LEFT (Viewed from Drive end)		MOTOR APPROX. WEIGHT		18 kg	
APPLICATION STANDARDS		KS.IEC		PAINTING		MUNSELL NO.	
				THICKNESS		<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> μm	
ACCESSORIES (OPTIONAL)				SUBMITTAL DRAWINGS			
TEMPERATURE DETECTOR				OUTLINE DIMENSION		DW-KMI-400V8	
WINDING				NO		TERMINAL BOX DIMENSION	
TYPE				-		TB-KMI-400V8	
BEARING				NO		SPEED-TORQUE CURVE	
TYPE				-		ST-KMI-400V8	
SPACE HEATER				NO			
RATING				-			
NOTE				REMARKS			
1. THESE DATA ARE ONLY DESIGN VALUES AND SHALL BE				1. ABOVE ALL DATA ARE CALCULATED AT 100% VOLTAGE.			
GUARANTEED WITH TOLERANCE OF APPLICATION STANDARDS.							
2. OTHERS NOT MENTIONED IN THIS SHEET SHALL BE							
IN ACCORDANCE WITH HIGEN MOTOR STANDARD.							
TE : TOTALLY ENCLOSED		DP : DRIP PROOF		DATE		PREPARED	
FC : FAN COOLED		SC : SELF COOLED		2011-01-31		S.D.YUN	
						CHECKED	
						APPROVED	
						K.I.HA	
						H.J.KIM	