

		INDUCTION MOTOR DATA SHEET		7.5 HP - 6 P	
MODEL: KMI-08HV8		CUSTOMER :		REV. NO : 0	
APPLICATION:		PROJECT NAME:		QUANTITY : SETS	
GENERAL DATA			PERFORMANCE DATA		
FRAME NO.		132M		OUTPUT 5.5 kW 7.5 HP	
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- <input type="checkbox"/> REACTOR ( %TAP) <input type="checkbox"/> V.V.V.F		
PROTECTION	IP 44		SOFT-STARTER <input type="checkbox"/>		
METHODS OF COOLING	<input type="checkbox"/> SC <input checked="" type="checkbox"/> FC <input type="checkbox"/>		RATED VOLTAGE 440 V V V		
FREQUENCY	60 Hz		CURRENT		
PHASE	3 PHASE		NO LOAD 5.6 A A A		
SERVICE FACTOR	1.15		FULL LOAD 11.3 A A A		
INSULATION CLASS	F CLASS		STARTING 73.3 A A A		
TEMP. RISE AT FULL LOAD (at S.F 1.0)			EFFICIENCY		
RES. METHOD		105		AT 1/2 LOAD %	
THERMO. METHOD				AT 3/4 LOAD %	
LOCATION	<input checked="" type="checkbox"/> INDOOR <input type="checkbox"/> OUTDOOR		AT FULL LOAD 86.5 %		
ALTITUDE	1000 m		POWER FACTOR		
HUMIDITY	80 %		AT 1/2 LOAD %		
AMBIENT TEMPERATURE	-10~40		AT 3/4 LOAD %		
RATING	<input checked="" type="checkbox"/> CONT. <input type="checkbox"/> %ED		AT FULL LOAD 74.0 %		
NEMA DESIGN	B		SPEED (AT FULL LOAD) 1140 rpm		
MOUNTING	<input checked="" type="checkbox"/> B3 <input type="checkbox"/> B5 <input type="checkbox"/> V1 <input type="checkbox"/> B3B5		TORQUE		
BEARING	TYPE	BALL		FULL LOAD 4.7 kg-m 100%	
	DEW-DE	6208ZZ / 6206ZZ		LOCKED ROTOR 7.8 kg-m 165%	
	LUBRICANT	GREASE		BREAKDOWN 9.4 kg-m 200%	
COUPLING METHOD		<input checked="" type="checkbox"/> DIRECT <input type="checkbox"/> V-BELT		NOISE LEVEL 65.0 dB(A)	
SHAFT		EXTENSION SINGLE		VIBRATION 30.0 μm	
EXTERNAL THRUST		ALLOWABLE LOAD GD <sup>2</sup> REFERRED TO MOTOR SHAFT			
TERMINAL BOX		(AT DIRECT ON-LINE)		61.8 kg-m <sup>2</sup>	
MAIN		<input checked="" type="checkbox"/> STEEL <input type="checkbox"/> AL <input type="checkbox"/> CAST		Motor GD <sup>2</sup> 0.2010 kg-m <sup>2</sup>	
AUX.		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		MOTOR APPROX. WEIGHT 76.0 kg	
BOX LOCATION		LEFT (Viewed from Drive end)		PAINTING MUNSSELL NO. 7.1 B 4.0/0.9	
APPLICATION STANDARDS		KS.IEC		THICKNESS <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> μm	
ACCESSORIES (OPTIONAL)			SUBMITTAL DRAWINGS		
TEMPERATURE DETECTOR			OUTLINE DIMENSION DW-H-132M-CA		
WINDING		NO		S-T CURVE ST-KMI-08HV8	
TYPE				TERMINAL BOX DIMENSION TB-3M95037	
BEARING		NO			
TYPE					
SPACE HEATER		NO			
RATING					
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.					
FC : FAN COOLED SC : SELF COOLED		DATE 2006-06-21		PREPARED J.S.PARK	CHECKED J.S.PARK
				APPROVED H.T.KIM	