

HIGEN		INDUCTION MOTOR DATA SHEET		7.5 kW 4 P 132M	
MODEL: KMH-10HU1		CUSTOMER :		COIL SPEC NO.:	
APPLICATION:		PROJECT NAME:		REV. NO : 0	
QUANTITY :		SETS			
GENERAL DATA			PERFORMANCE DATA		
FRAME NO.		132M		OUTPUT 7.5 kW	
ENCLOSURE		<input type="checkbox"/> DRIP PROOF		POLES 4 POLES	
		<input checked="" type="checkbox"/> TOTALLY ENCLOSED		ROTOR TYPE SQUIRREL CAGE	
		<input type="checkbox"/> Increased Safety Exp.-proof		<input checked="" type="checkbox"/> D.O.L <input type="checkbox"/> Y-	
PROTECTION		IP 54		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"/> VECTOR-DRIVE	
PHASE		3 PHASE		RATED VOLTAGE 380 V V	
SERVICE FACTOR		1.15		FREQUENCY 60 Hz	
INSULATION CLASS		F CLASS		CURRENT	
RES. METHOD 105 THERMO. METHOD		NO LOAD		A A	
		FULL LOAD		14.9 A A	
		STARTING		96.8 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 92.2 %	
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 83.0 %	
DEW-DE		6208ZZ / 6206ZZ		SPEED (AT FULL LOAD) 1750 rpm	
LUBRICANT		GREASE		TORQUE	
COUPLING METHOD		<input checked="" type="checkbox"/> DIRECT <input type="checkbox"/> V-BELT		FULL LOAD 4.2 kg-m 100%	
ROTATION(Facing Drive End)		<input checked="" type="checkbox"/> CW <input checked="" type="checkbox"/> CCW		LOCKED ROTOR 6.7 kg-m 160%	
SHAFT				BREAKDOWN 8.3 kg-m 200%	
EXTENSION		SINGLE		NOISE LEVEL 77.0 dB(A)	
EXTERNAL THRUST		-		VIBRATION 30.0 μm	
TERMINAL BOX				ALLOWABLE LOAD GD ² REFERRED TO MOTOR SHAFT	
MAIN		<input type="checkbox"/> STEEL <input checked="" type="checkbox"/> AL <input type="checkbox"/> CAST		(AT DIRECT ON-LINE) 29.3 kg-m ²	
AUX.		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		Motor GD ² 0.1434 kg-m ²	
BOX LOCATION		LEFT (Viewed from Drive end)		MOTOR APPROX. WEIGHT 80 kg	
APPLICATION STANDARDS		KS.IEC		PAINTING MUNSSELL NO. 5PB 8.0/2.5	
				THICKNESS <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> μm	
ACCESSORIES (OPTIONAL)			SUBMITTAL DRAWINGS		
TEMPERATURE DETECTOR					
WINDING			NO		
TYPE			-		
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 HIGEN MOTOR STANDARD.			2. HIGH EFFICIENCY MOTOR.		
TE : TOTALLY ENCLOSED DP : DRIP PROOF			DATE PREPARED CHECKED APPROVED		
FC : FAN COOLED SC : SELF COOLED			2010.02.03 S.M.KIM K.I.HA H.J.KIM		