

MODEL: KMH-10HV3		CUSTOMER :		COIL SPEC NO.:		REV. NO : 0	
APPLICATION:		PROJECT NAME:				QUANTITY : SETS	
GENERAL DATA				PERFORMANCE DATA			
FRAME NO.		132S		OUTPUT		7.5 kW	
ENCLOSURE		<input type="checkbox"/> DRIP PROOF		POLES		2 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 IP 55		<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"/> NV		<input type="checkbox"/> VECTOR-DRIVE					
PHASE		3 PHASE		RATED VOLTAGE		440 V V	
SERVICE FACTOR		1.15		FREQUENCY		60 Hz	
INSULATION CLASS		F CLASS		CURRENT			
TEMP. RISE AT FULL LOAD (at S.F 1.0)				NO LOAD		A A	
RES. METHOD		105 deg		FULL LOAD		11.9 A A	
THERMO. METHOD		deg		STARTING		83.2 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 °C		AT FULL LOAD		89.5 %	
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		92.5 %	
		DEIN-DE 6208ZZ / 6206ZZ		SPEED (AT FULL LOAD) 3530 rpm			
		LUBRICANT GREASE		TORQUE			
COUPLING METHOD		<input checked="" type="checkbox"/> DIRECT <input type="checkbox"/> V-BELT		FULL LOAD		2.07 kg-m 100%	
ROTATION(Facing Drive End)		<input type="checkbox"/> CW <input checked="" type="checkbox"/> CCW		LOCKED ROTOR		3.10 kg-m 150%	
SHAFT				BREAKDOWN		4.14 kg-m 200%	
EXTENSION		SINGLE		NOISE LEVEL		84.0 dB(A)	
EXTERNAL THRUST		-		VIBRATION		25.0 μm	
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)		5.9 kg-m ²	
AUX.		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		Motor GD ²		0.116 kg-m ²	
BOX LOCATION		LEFT (Viewed from Drive end)		MOTOR APPROX. WEIGHT		70 kg	
APPLICATION STANDARDS		KS.IEC		PAINTING		MUNSELL NO. 5PB 2.5/8	
				THICKNESS		<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> μm	
ACCESSORIES (OPTIONAL)				SUBMITTAL DRAWINGS			
TEMPERATURE DETECTOR				OUTLINE DIMENSION		DW-132STFCHLS-2	
WINDING		NO		SPEED-TORQUE CURVE		ST-KMH-10HV3	
TYPE		-		TERMINAL BOX DIMENSION		TB-MS132NZ-1	
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	
FC : FAN COOLED		SC : SELF COOLED		2017-09-05		O.S.KANG	
				CHECKED		APPROVED	
				K.I.HA		K.I.HA	