



# INDUCTION MOTOR DATA SHEET

**5.5 kW 2 P 132S**

MODEL: KMH-08HK3	CUSTOMER :	COIL SPEC NO.:	REV. NO : 0
APPLICATION:	PROJECT NAME:	QUANTITY :	SETS

GENERAL DATA				PERFORMANCE DATA			
FRAME NO.		132S		OUTPUT		5.5 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-Δ	
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		220 V		380 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	
		FULL LOAD		18.2		A 10.5 A	
		STARTING		136.7		A 79.1 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		88.5		%	
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 DEIN-DE 6208ZZ / 6206ZZ LUBRICANT GREASE		AT FULL LOAD		89.5		%	
		SPEED (AT FULL LOAD)		3520		rpm	
		TORQUE					
COUPLING METHOD <input checked="" type="checkbox"/> DIRECT <input type="checkbox"/> V-BELT		FULL LOAD		1.52		kg-m 100%	
ROTATION(Facing Drive End) <input type="checkbox"/> CW <input checked="" type="checkbox"/> CCW		LOCKED ROTOR		2.28		kg-m 150%	
SHAFT		BREAKDOWN		3.04		kg-m 200%	
EXTENSION SINGLE		NOISE LEVEL		83.0		dB(A)	
EXTERNAL THRUST -		VIBRATION		25.0		μm	
TERMINAL BOX		ALLOWABLE LOAD GD <sup>2</sup> REFERRED TO MOTOR SHAFT					
MAIN <input checked="" type="checkbox"/> STEEL <input type="checkbox"/> AL <input type="checkbox"/> CAST		(AT DIRECT ON-LINE)		4.6		kg-m <sup>2</sup>	
AUX. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		Motor GD <sup>2</sup>		0.106		kg-m <sup>2</sup>	
BOX LOCATION LEFT (Viewed from Drive end)		MOTOR APPROX. WEIGHT		64		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-KMH-08HK3			
WINDING NO		SPEED-TORQUE CURVE		ST-KMH-08HK3			
TYPE -		TERMINAL BOX DIMENSION		TB-KMH-08HK3			
BEARING NO							
TYPE -							
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. HIGH EFFICIENCY MOTOR.					
2. OTHERS NOT MENTIONED IN THIS SHEET SHALL BE							
IN ACCORDANCE WITH HIGEN MOTOR STANDARD.							
TE : TOTALLY ENCLOSED DP : DRIP PROOF		DATE		PREPARED	CHECKED	APPROVED	
FC : FAN COOLED SC : SELF COOLED		2015-07-16		O.S.KANG	K.I.HA	K.I.HA	