



INDUCTION MOTOR DATA SHEET

0.75 kW 6 P FF165

MODEL: KMH-01HK8F CUSTOMER : COIL SPEC NO.: REV. NO : 0
APPLICATION: PROJECT NAME: QUANTITY : SETS

GENERAL DATA				PERFORMANCE DATA				
FRAME NO.		FF165		OUTPUT		0.75 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"/> 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 A		
RES. METHOD		105 deg		FULL LOAD		3.6 A 2.1 A		
THERMO. METHOD		deg		STARTING		21.7 A 12.6 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		80.0 %		
RATING		<input checked="" type="checkbox"/> CONT. <input type="checkbox"/> %ED		POWER FACTOR				
NEMA DESIGN		B		AT 1/2 LOAD		% %		
MOUNTING		<input type="checkbox"/> B3 <input checked="" type="checkbox"/> B5 <input checked="" type="checkbox"/> V1 <input type="checkbox"/> B3B5		AT 3/4 LOAD		% %		
BEARING		TYPE BALL / BALL		AT FULL LOAD		68.0 %		
		DEIN-DE 6205ZZ / 6204ZZ		SPEED (AT FULL LOAD) 1145 rpm				
		LUBRICANT GREASE		TORQUE				
COUPLING METHOD		<input checked="" type="checkbox"/> DIRECT <input type="checkbox"/> V-BELT		FULL LOAD		0.64 kg-m 100%		
ROTATION(Facing Drive End)		<input type="checkbox"/> CW <input checked="" type="checkbox"/> CCW		LOCKED ROTOR		1.08 kg-m 170%		
SHAFT				BREAKDOWN		1.15 kg-m 180%		
EXTENSION		SINGLE		NOISE LEVEL 61.0 dB(A)				
EXTERNAL THRUST		-		VIBRATION 30.0 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)		16.4 kg-m ²		
AUX.		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		Motor GD ²		0.017 kg-m ²		
BOX LOCATION		LEFT (Viewed from Drive end)		MOTOR APPROX. WEIGHT		26 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-01HK8F		
WINDING		NO		SPEED-TORQUE CURVE		ST-KMH-01HK8F		
TYPE		-		TERMINAL BOX DIMENSION		TB-KMH-01HK8F		
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				2015-07-14		S.D.YUN	S.D.YUN	K.I.HA