



INDUCTION MOTOR DATA SHEET

0.75 kW 4 P FF165

MODEL: KMH-01HK1F		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		4 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					
				FULL LOAD		3.3 A 1.9 A					
				STARTING		21.5 A 12.5 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		82.5 %					
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		72.0 %			
		DEIN-DE		6204ZZ / 6203ZZ		SPEED (AT FULL LOAD)		1730 rpm			
		LUBRICANT		GREASE		TORQUE					
COUPLING METHOD		<input checked="" type="checkbox"/> DIRECT <input type="checkbox"/> V-BELT		FULL LOAD		0.42 kg-m 100%					
ROTATION(Facing Drive End)		<input type="checkbox"/> CW <input checked="" type="checkbox"/> CCW		LOCKED ROTOR		0.80 kg-m 190%					
SHAFT				BREAKDOWN		0.84 kg-m 200%					
EXTENSION		SINGLE		NOISE LEVEL		63.0 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)		3.6 kg-m ²					
AUX.		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		Motor GD ²		0.0092 kg-m ²					
BOX LOCATION		LEFT (Viewed from Drive end)		MOTOR APPROX. WEIGHT		18 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-01HK1F					
WINDING		NO		SPEED-TORQUE CURVE		ST-KMH-01HK1F					
TYPE		-		TERMINAL BOX DIMENSION		TB-KMH-01HK1F					
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	