

HIGEN		INDUCTION MOTOR DATA SHEET		0.2 KW - 4 P	
MODEL: KMI-200K1F		CUSTOMER :		REV. NO :	
APPLICATION:		PROJECT NAME:		QUANTITY : SETS	
GENERAL DATA			PERFORMANCE DATA		
FRAME NO.		FF130		OUTPUT 0.2 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 44		STARTING METHOD	
METHODS OF COOLING		<input type="checkbox"/> SC <input checked="" type="checkbox"/> FC <input type="checkbox"/>		<input type="checkbox"/> REACTOR ( %TAP) <input type="checkbox"/> V.V.V.F	
PHASE		3 PHASE		<input type="checkbox"/> VECTOR DRIVE	
SERVICE FACTOR		1.0		RATED VOLTAGE 220 V 380 V V	
INSULATION CLASS		B CLASS		FREQUENCY 60 Hz	
TEMP. RISE AT FULL LOAD (at S.F 1.0)		CURRENT			
RES. METHOD 80		NO LOAD		A A A	
THERMO. METHOD		FULL LOAD		1.2 A 0.7 A A	
		STARTING		8.0 A 4.6 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		67.0 % %	
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 type="checkbox"/> B5 <input checked="" type="checkbox"/> V1 <input type="checkbox"/> B3B5		AT 3/4 LOAD		% % %	
BEARING TYPE BALL		AT FULL LOAD		64.0 % %	
DEW-DE 6203ZZ/6203ZZ		SPEED (AT FULL LOAD)		1720 rpm	
LUBRICANT GREASE		TORQUE			
COUPLING METHOD <input checked="" type="checkbox"/> DIRECT <input type="checkbox"/> V-BELT		FULL LOAD		0.1 kg-m 100%	
ROTATION(Facing Drive End) <input checked="" type="checkbox"/> CW <input checked="" type="checkbox"/> CCW		LOCKED ROTOR		0.2 kg-m 200%	
SHAFT		BREAKDOWN		0.2 kg-m 200%	
EXTENSION SINGLE		NOISE LEVEL		59 dB(A)	
EXTERNAL THRUST		VIBRATION		15.0 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)		1.0 kg-m <sup>2</sup>	
AUX. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		Motor GD <sup>2</sup>		0.0034 kg-m <sup>2</sup>	
BOX LOCATION LEFT (Viewed from Drive end)		MOTOR APPROX. WEIGHT		13 kg	
APPLICATION STANDARDS		PAINTING		MUNSELL NO. 7.1B 4.0/0.9	
		THICKNESS		<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> μm	
ACCESSORIES (OPTIONAL)			SUBMITTAL DRAWINGS		
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 OTIS STANDARD.					
TE : TOTALLY ENCLOSED DP : DRIP PROOF		DATE		PREPARED	CHECKED
FC : FAN COOLED SC : SELF COOLED		2008.12.09		S.M.KIM	J.H.JO
				APPROVED	H.J.KIM