

INDUCTION MOTOR DATA SHEET

2.2 kW - 4 P

MODEL: KMI-03HT6	CUSTOMER :	REV. NO :
APPLICATION:	PROJECT NAME:	QUANTITY :

GENERAL DATA			PERFORMANCE DATA			
FRAME NO.	100L		OUTPUT	2.2 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		STARTING METHOD	<input checked="" type="checkbox"/> D.O.L <input type="checkbox"/> Y-		
PROTECTION	IP 44			<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"/>		<input type="checkbox"/> SOFT-STARTER			
FREQUENCY	50 Hz		RATED VOLTAGE	220 V	380 V	V
PHASE	3 PHASE		CURRENT			
SERVICE FACTOR	1.0		NO LOAD	A	A	A
INSULATION CLASS	B CLASS		FULL LOAD	8.5 A	4.9 A	A
TEMP. RISE AT FULL LOAD (at S.F 1.0)			STARTING	60.2 A	34.9 A	A
RES. METHOD	85		EFFICIENCY			
THERMO. METHOD			AT 1/2 LOAD	%		
LOCATION	<input checked="" type="checkbox"/> INDOOR <input type="checkbox"/> OUTDOOR		AT 3/4 LOAD	%		
ALTITUDE	1000 m		AT FULL LOAD	81.5	%	
HUMIDITY	80 %		POWER FACTOR			
AMBIENT TEMPERATURE	-10-40		AT 1/2 LOAD	%		
RATING	<input checked="" type="checkbox"/> CONT. <input type="checkbox"/> %ED		AT 3/4 LOAD	%		
NEMA DESIGN	B		AT FULL LOAD	83.5	%	
MOUNTING	<input checked="" type="checkbox"/> B3 <input type="checkbox"/> B5 <input type="checkbox"/> V1 <input type="checkbox"/> B3B5		SPEED (AT FULL LOAD)	1430	rpm	
BEARING	TYPE	BALL	TORQUE			
	DEW-DE	6206ZZ/6205ZZ	FULL LOAD	1.5	kg-m	100%
	LUBRICANT	GREASE	LOCKED ROTOR	2.7	kg-m	180%
COUPLING METHOD	<input checked="" type="checkbox"/> DIRECT <input type="checkbox"/> V-BELT		BREAKDOWN	3.0	kg-m	200%
SHAFT			NOISE LEVEL	68.0	dB(A)	
EXTENSION	SINGLE		VIBRATION	30.0	μm	
EXTERNAL THRUST			ALLOWABLE LOAD GD ² REFERRED TO MOTOR SHAFT			
TERMINAL BOX			(AT DIRECT ON-LINE)	12.0	kg-m ²	
MAIN	<input checked="" type="checkbox"/> STEEL <input type="checkbox"/> AL <input type="checkbox"/> CAST		Motor GD ²	0.0351	kg-m ²	
AUX.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		MOTOR APPROX. WEIGHT	32.0	kg	
BOX LOCATION	LEFT (Viewed from Drive end)		PAINING	MUNSELL NO.	7.1B 4.0/0.9	
APPLICATION STANDARDS	IEC, KS		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.	
FC : FAN COOLED SC : SELF COOLED	DATE PREPARED CHECKED APPROVED
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