

HIGEN		INDUCTION MOTOR DATA SHEET		2.2 kW - 4 P	
MODEL: KMI-03HV1		CUSTOMER : JONGHAP PNEUTEC CO., LTD		REV. NO :	
APPLICATION:		PROJECT NAME: P&P KOREA B-VSP-01~08		QUANTITY : 1SETS /SHIP	
GENERAL DATA			PERFORMANCE DATA		
FRAME NO.		112S		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		<input checked="" type="checkbox"/> D.O.L <input type="checkbox"/> Y- <input type="checkbox"/> REACTOR (%TAP) <input type="checkbox"/> V.V.V.F <input type="checkbox"/> SOFT-STARTER		
PROTECTION IP 44		STARTING METHOD			
METHODS OF COOLING <input type="checkbox"/> SC <input checked="" type="checkbox"/> FC <input type="checkbox"/>					
FREQUENCY 60 Hz		RATED VOLTAGE 440 V		V	
PHASE 3 PHASE		CURRENT			
SERVICE FACTOR 1.15		NO LOAD		A	A
INSULATION CLASS B CLASS		FULL LOAD		4.4 A	A
TEMP. RISE AT FULL LOAD (at S.F 1.0)		STARTING		31.1 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 83.0 %			
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 79.0 %			
MOUNTING <input checked="" type="checkbox"/> B3 <input type="checkbox"/> B5 <input type="checkbox"/> V1 <input type="checkbox"/> B3B5		SPEED (AT FULL LOAD)		1740 rpm	
BEARING	TYPE	BALL			
	DEW-DE	6206ZZ/6205ZZ			
	LUBRICANT	GREASE			
COUPLING METHOD <input checked="" type="checkbox"/> DIRECT <input type="checkbox"/> V-BELT		TORQUE			
SHAFT		NOISE LEVEL		68.0 dB(A)	
EXTENSION SINGLE		VIBRATION		30.0 μ m	
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)		PAINTING	MUNSELL NO.	7.1B 4.0/0.9	
APPLICATION STANDARDS IEC, KS		THICKNESS	<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> μ m		
ACCESSORIES (OPTIONAL)			SUBMITTAL DRAWINGS		
			OUTLINE DIMENSION		DW-KMI-03HV1
			SPEED-TORQUE CURVE		ST-KMI-03HV1
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
		2007.06.25	M.S.PARK	H.K.KIM	H.J.KIM