

			INDUCTION MOTOR DATA SHEET			2.2 kW - 4 P			
MODEL: I03HK1FNAG			CUSTOMER :			REV. NO :			
APPLICATION:			PROJECT NAME:			QUANTITY :			
GENERAL DATA					PERFORMANCE DATA				
FRAME NO.		FF165		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		60 Hz				RATED VOLTAGE		220 V	380 V
PHASE		3 PHASE		CURRENT					
SERVICE FACTOR		1.0		NO LOAD		A	A	A	
INSULATION CLASS		F CLASS		FULL LOAD		8.8 A	5.1 A	A	
TEMP. RISE AT FULL LOAD (at S.F 1.0)				STARTING		59.0 A	34.2 A	A	
RES. METHOD		105		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					
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					
MOUNTING		<input type="checkbox"/> B3 <input type="checkbox"/> B5 <input checked="" type="checkbox"/> V1 <input type="checkbox"/> B3B5		SPEED (AT FULL LOAD)					
BEARING	TYPE	BALL		TORQUE					
	DEW-DE	6207ZZ/6205ZZ		FULL LOAD					
	LUBRICANT	GREASE		LOCKED ROTOR					
COUPLING METHOD		<input checked="" type="checkbox"/> DIRECT <input type="checkbox"/> V-BELT		BREAKDOWN					
SHAFT				NOISE LEVEL		68.0 dB(A)			
EXTENSION		SINGLE		VIBRATION		30.0 μm			
EXTERNAL THRUST				ALLOWABLE LOAD GD² REFERRED TO MOTOR SHAFT					
TERMINAL BOX				(AT DIRECT ON-LINE)		12.0 kg-m²			
MAIN		<input checked="" type="checkbox"/> STEEL <input type="checkbox"/> AL <input type="checkbox"/> CAST		Motor GD²		0.0351 kg-m²			
AUX.		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		MOTOR APPROX. WEIGHT		37.0 kg			
BOX LOCATION		RIGHT (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"/> μm			
ACCESSORIES (OPTIONAL)				SUBMITTAL DRAWINGS					
				OUTLINE DIMENSION		DW-I03HK1FNAG			
				SPEED-TORQUE CURVE		ST-I03HK1FNAG			
				TERMINAL BOX DIMENSION		TB-I03HK1FNAG			
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	
				2007.08.13		H.G.HAN	H.K.KIM	H.J.KIM	