

HIGEN		INDUCTION MOTOR DATA SHEET		5.5 KW - 6 P	
MODEL: I08HV8WAM4		CUSTOMER :		REV. NO :	
APPLICATION:		PROJECT NAME:		QUANTITY : SETS	
GENERAL DATA			PERFORMANCE DATA		
FRAME NO.		132M		OUTPUT 5.5 KW	
ENCLOSURE		<input type="checkbox"/> DRIP PROOF		POLES 6 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 440 V V V	
INSULATION CLASS		F CLASS		FREQUENCY 60 Hz	
TEMP. RISE AT FULL LOAD (at S.F 1.0)		CURRENT			
RES. METHOD 95		NO LOAD		A A A	
THERMO. METHOD		FULL LOAD		11.1 A A A	
		STARTING		72.0 A 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 -10-50				AT FULL LOAD 88.0 %	
RATING		<input checked="" type="checkbox"/> CONT. <input type="checkbox"/> %ED		POWER FACTOR	
NEMA DESIGN B				AT 1/2 LOAD %	
MOUNTING		<input checked="" type="checkbox"/> B3 <input type="checkbox"/> B5 <input type="checkbox"/> V1 <input type="checkbox"/> B3B5		AT 3/4 LOAD %	
BEARING		TYPE BALL		AT FULL LOAD 74.0 %	
		DEW-DE 6208ZZ/6307ZZ		SPEED (AT FULL LOAD) 1155 rpm	
		LUBRICANT GREASE		TORQUE	
COUPLING METHOD		<input checked="" type="checkbox"/> DIRECT <input type="checkbox"/> V-BELT		FULL LOAD 4.6 kg-m 100%	
ROTATION(Facing Drive End)		<input type="checkbox"/> CW <input checked="" type="checkbox"/> CCW		LOCKED ROTOR 7.0 kg-m 150%	
SHAFT				BREAKDOWN 8.8 kg-m 190%	
EXTENSION		SINGLE		NOISE LEVEL 68 dB(A)	
EXTERNAL THRUST				VIBRATION 15.0 μ m	
TERMINAL BOX		ALLOWABLE LOAD GD ² REFERRED TO MOTOR SHAFT			
MAIN		<input type="checkbox"/> STEEL <input type="checkbox"/> AL <input checked="" type="checkbox"/> CAST		(AT DIRECT ON-LINE) 61.8 kg-m ²	
AUX.		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		Motor GD ² 0.2010 kg-m ²	
BOX LOCATION		RIGHT (Viewed from Drive end)		MOTOR APPROX. WEIGHT 95 kg	
APPLICATION STANDARDS		KS.IEC		PAINTING	
				MUNSELL NO. GRAY	
				THICKNESS <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> μ m	
ACCESSORIES (OPTIONAL)			SUBMITTAL DRAWINGS		
			OUTLINE DIMENSION		
			SPEED-TORQUE CURVE		
NOTE			REMARKS		
1. THESE DATA ARE ONLY DESIGN VALUES AND SHALL BE			1. ABOVE ALL DATA ARE CALCULATED AT 100% VOLTAGE.		
GUARANTEED WITH TOLERANCE OF APPLICATION STANDARDS.					
2. OTHERS NOT MENTIONED IN THIS SHEET SHALL BE					
IN ACCORDANCE WITH HIGEN STANDARD.					
TE : TOTALLY ENCLOSED		DP : DRIP PROOF		DATE	PREPARED
FC : FAN COOLED		SC : SELF COOLED		2009-01-07	K.K.HAN
				CHECKED	APPROVED
				J.H.JO	H.J.KIM