

MODEL: I05HV8WAMX		CUSTOMER :		REV. NO :	
APPLICATION:		PROJECT NAME:		QUANTITY :	
<b>GENERAL DATA</b>			<b>PERFORMANCE DATA</b>		
FRAME NO.	132S		OUTPUT	3.7 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		STARTING METHOD	<input checked="" type="checkbox"/> D.O.L <input type="checkbox"/> Y-	
PROTECTION	IP 55			<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"/> AO		<input type="checkbox"/> SOFT-STARTER		
FREQUENCY	60 Hz		RATED VOLTAGE	440 V	V V
PHASE	3 PHASE		CURRENT		
SERVICE FACTOR	1.0		NO LOAD	A	A A
INSULATION CLASS	F CLASS		FULL LOAD	7.5 A	A A
TEMP. RISE AT FULL LOAD (at S.F 1.0)			STARTING	48.6 A	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	86.5	%
HUMIDITY	80 %		POWER FACTOR		
AMBIENT TEMPERATURE	-10-40		AT 1/2 LOAD	%	
RATING	<input type="checkbox"/> CONT. <input checked="" type="checkbox"/> 60MIN		AT 3/4 LOAD	%	
NEMA DESIGN	B		AT FULL LOAD	75.0	%
MOUNTING	<input checked="" type="checkbox"/> B3 <input type="checkbox"/> B5 <input type="checkbox"/> V1 <input type="checkbox"/> B3B5		SPEED (AT FULL LOAD)	1150	rpm
BEARING	TYPE	BALL	TORQUE		
	DEW-DE	6208ZZ/6307ZZ	FULL LOAD	3.13 kg-m	100%
	LUBRICANT	GREASE	LOCKED ROTOR	4.70 kg-m	150%
COUPLING METHOD	<input checked="" type="checkbox"/> DIRECT <input type="checkbox"/> V-BELT		BREAKDOWN	5.95 kg-m	190%
SHAFT			NOISE LEVEL	65.0	dB(A)
EXTENSION	SINGLE		VIBRATION	15.0	μm
EXTERNAL THRUST			ALLOWABLE LOAD GD <sup>2</sup> REFERRED TO MOTOR SHAFT		
TERMINAL BOX			(AT DIRECT ON-LINE)	42.9	kg-m <sup>2</sup>
MAIN	<input type="checkbox"/> STEEL <input type="checkbox"/> AL <input checked="" type="checkbox"/> CAST		Motor GD <sup>2</sup>	0.153	kg-m <sup>2</sup>
AUX.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		MOTOR APPROX. WEIGHT	80.0	kg
BOX LOCATION	RIGHT		PAINING	MUNSELL NO.	7.1 B 4.0/0.9
APPLICATION STANDARDS	IEC, KS		THICKNESS	<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/>	μm
<b>ACCESSORIES (OPTIONAL)</b>			<b>SUBMITTAL DRAWINGS</b>		
<b>NOTE</b>			<b>REMARKS</b>		
1. THESE DATA ARE ONLY DESIGN VALUES AND SHALL BE GUARANTEED WITH TOLLERANCE OF APPLICATION STANDARDS.			1. ABOVE ALL DATA ARE CALCULATED AT 100% VOLTAGE.		
2. OTHERS NOT MENTIONED IN THIS SHEET SHALL BE IN ACCORDANCE WITH HIGEN STANDARD.					
FC : FAN COOLED	SC : SELF COOLED	DATE	PREPARED	CHECKED	APPROVED
AO : AIR OVER		2008-08-04	M.S.PARK	H.K.KIM	H.J.KIM