

HIGEN		INDUCTION MOTOR DATA SHEET		0.4 kW - 4 P	
MODEL:		CUSTOMER :		REV. NO :	
APPLICATION:		PROJECT NAME:		QUANTITY :	
GENERAL DATA			PERFORMANCE DATA		
FRAME NO.	71		OUTPUT	0.4 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"/> AO		<input type="checkbox"/> SOFT-STARTER		
FREQUENCY	60 Hz		RATED VOLTAGE	480 V	V V
PHASE	3 PHASE		CURRENT		
SERVICE FACTOR	1.0		NO LOAD	A	A A
INSULATION CLASS	F CLASS		FULL LOAD	1.0 A	A A
TEMP. RISE AT FULL LOAD (at S.F 1.0)			STARTING	6.5 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		
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 checked="" type="checkbox"/> B5 <input type="checkbox"/> V1 <input type="checkbox"/> B3B5		SPEED (AT FULL LOAD)		
BEARING	TYPE	BALL	TORQUE		
	DEW-DE	6202ZZ/6202ZZ	FULL LOAD		
	LUBRICANT	GREASE	LOCKED ROTOR		
COUPLING METHOD		<input checked="" type="checkbox"/> DIRECT <input type="checkbox"/> V-BELT	BREAKDOWN		
SHAFT			NOISE LEVEL		
EXTENSION		SINGLE	VIBRATION		
EXTERNAL THRUST			ALLOWABLE LOAD GD <sup>2</sup> REFERRED TO MOTOR SHAFT		
TERMINAL BOX			(AT DIRECT ON-LINE)		
MAIN	<input type="checkbox"/> STEEL <input checked="" type="checkbox"/> AL <input type="checkbox"/> CAST		Motor GD <sup>2</sup>		
AUX.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		MOTOR APPROX. WEIGHT		
BOX LOCATION	LEFT		PAINTING	MUNSELL NO.	-
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 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		2008.08.19	M.S.PARK	J.H.JO	H.J.KIM