

		INDUCTION MOTOR DATA SHEET		5.5 kW 4 P	
MODEL:		CUSTOMER :		REV. NO : 0	
APPLICATION:		PROJECT NAME:		QUANTITY : SETS	
GENERAL DATA			PERFORMANCE DATA		
FRAME NO.		132		OUTPUT 5.5 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- <input type="checkbox"/> REACTOR (%TAP) <input type="checkbox"/> V.V.V.F <input type="checkbox"/> SOFT-STARTER
PROTECTION	IP 54		RATED VOLTAGE		220 V 380 V V
METHODS OF COOLING	<input type="checkbox"/> SC <input checked="" type="checkbox"/> FC <input type="checkbox"/>		CURRENT		
FREQUENCY	60 Hz		NO LOAD		A A A
PHASE	3 PHASE		FULL LOAD		20.7 A 11.8 A A
SERVICE FACTOR	1.15		STARTING		142.5 A 81.1 A A
INSULATION CLASS	F CLASS		EFFICIENCY		
TEMP. RISE AT FULL LOAD (at S.F 1.0)			AT 1/2 LOAD		%
RES. METHOD		105	AT 3/4 LOAD		%
THERMO. METHOD			AT FULL LOAD		86.0 %
LOCATION	<input checked="" type="checkbox"/> INDOOR <input type="checkbox"/> OUTDOOR		POWER FACTOR		
ALTITUDE	1000 m		AT 1/2 LOAD		%
HUMIDITY	80 %		AT 3/4 LOAD		%
AMBIENT TEMPERATURE	-10~40		AT FULL LOAD		81.0 %
RATING	<input checked="" type="checkbox"/> CONT. <input type="checkbox"/> %ED		SPEED (AT FULL LOAD)		1750 rpm
NEMA DESIGN	B		TORQUE		
MOUNTING	<input type="checkbox"/> B3 <input checked="" type="checkbox"/> B5 <input checked="" type="checkbox"/> V1 <input type="checkbox"/> B3B5		FULL LOAD		3.1 kg-m 100%
BEARING	TYPE	BALL	LOCKED ROTOR		5.2 kg-m 170%
	DEW-DE	6208ZZ/6206ZZ	BREAKDOWN		6.7 kg-m 220%
	LUBRICANT	GREASE	NOISE LEVEL		74.0 dB(A)
COUPLING METHOD	<input checked="" type="checkbox"/> DIRECT <input type="checkbox"/> V-BELT		VIBRATION		30.0 μm
SHAFT			ALLOWABLE LOAD GD ² REFERRED TO MOTOR SHAFT		
EXTENSION		SINGLE	(AT DIRECT ON-LINE)		22.2 kg-m ²
EXTERNAL THRUST			Motor GD ²		0.1060 kg-m ²
TERMINAL BOX			MOTOR APPROX. WEIGHT		69.0 kg
MAIN		<input type="checkbox"/> STEEL <input checked="" type="checkbox"/> AL <input type="checkbox"/> CAST	PAINTING	MUNSELL NO.	7.1 B 4.0/0.9
AUX.		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	THICKNESS		<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> μm
BOX LOCATION		LEFT (Viewed from Drive end)			
APPLICATION STANDARDS		KS.IEC			
ACCESSORIES (OPTIONAL)			SUBMITTAL DRAWINGS		
TEMPERATURE DETECTOR					
WINDING		NO			
TYPE					
BEARING		NO			
TYPE					
OIL SEAL		YES			
		40*62*11			
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
		2007.06.26	J.H JO	J.H JO	H.J.KIM