

		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 440 V 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 10.4 A A A	
SERVICE FACTOR		1.15		STARTING 70.4 A 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			
COUPLING METHOD		<input checked="" type="checkbox"/> DIRECT <input type="checkbox"/> V-BELT		NOISE LEVEL 74.0 dB(A)	
SHAFT				VIBRATION 30.0 μm	
EXTENSION		SINGLE		ALLOWABLE LOAD GD ² REFERRED TO MOTOR SHAFT (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	
AUX.		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		MUNSELL NO. 7.1 B 4.0/0.9	
BOX LOCATION		LEFT (Viewed from Drive end)		THICKNESS <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> μm	
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		
			2007.06.29 J.H JO J.H JO H.J.KIM		