

		INDUCTION MOTOR DATA SHEET		7.5 kW 4 P	
MODEL:		CUSTOMER :		REV. NO : 0	
APPLICATION:		PROJECT NAME:		QUANTITY : SETS	
GENERAL DATA			PERFORMANCE DATA		
FRAME NO.		132		OUTPUT 7.5 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	
METHODS OF COOLING		<input type="checkbox"/> SC <input checked="" type="checkbox"/> FC <input type="checkbox"/>		440 V V V	
FREQUENCY		60 Hz		CURRENT	
PHASE		3 PHASE		NO LOAD	
SERVICE FACTOR		1.15		FULL LOAD	
INSULATION CLASS		F CLASS		STARTING	
TEMP. RISE AT FULL LOAD (at S.F 1.0)				EFFICIENCY	
RES. METHOD		105		AT 1/2 LOAD	
THERMO. METHOD				AT 3/4 LOAD	
LOCATION		<input checked="" type="checkbox"/> INDOOR <input type="checkbox"/> OUTDOOR		AT FULL LOAD	
ALTITUDE		1000 m		POWER FACTOR	
HUMIDITY		80 %		AT 1/2 LOAD	
AMBIENT TEMPERATURE		-10~40		AT 3/4 LOAD	
RATING		<input checked="" type="checkbox"/> CONT. <input type="checkbox"/> %ED		AT FULL LOAD	
NEMA DESIGN		B		SPEED (AT FULL LOAD)	
MOUNTING		<input type="checkbox"/> B3 <input checked="" type="checkbox"/> B5 <input checked="" type="checkbox"/> V1 <input type="checkbox"/> B3B5		TORQUE	
BEARING	TYPE	BALL		FULL LOAD	
	DEW-DE	6208ZZ/6206ZZ		LOCKED ROTOR	
	LUBRICANT	GREASE		BREAKDOWN	
COUPLING METHOD		<input checked="" type="checkbox"/> DIRECT <input type="checkbox"/> V-BELT		NOISE LEVEL	
SHAFT				VIBRATION	
EXTENSION		SINGLE		ALLOWABLE LOAD GD ² REFERRED TO MOTOR SHAFT	
EXTERNAL THRUST				(AT DIRECT ON-LINE)	
TERMINAL BOX				29.3 kg-m ²	
MAIN		<input type="checkbox"/> STEEL <input checked="" type="checkbox"/> AL <input type="checkbox"/> CAST		Motor GD ²	
AUX.		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		0.1434 kg-m ²	
BOX LOCATION		LEFT (Viewed from Drive end)		MOTOR APPROX. WEIGHT	
APPLICATION STANDARDS		KS.IEC		83.0 kg	
				PAINTING	
				MUNSELL NO.	
				7.1 B 4.0/0.9	
				THICKNESS	
				<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> μm	
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		