

						INDUCTION MOTOR DATA SHEET								0.75 KW - 4 P												
MODEL : I01HK7NAS									CUSTOMER :									REV. NO :								
APPLICATION:									PROJECT NAME:									QUANTITY : SETS								
GENERAL DATA													PERFORMANCE DATA													
FRAME NO.						90S						OUTPUT						0.75 kW 1 HP								
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"/>						<input type="checkbox"/> VECTOR DRIVE														
PHASE						3 PHASE						RATED VOLTAGE						220 V 380 V								
SERVICE FACTOR						1.0						FREQUENCY						60 Hz								
INSULATION CLASS						B CLASS						CURRENT														
TEMP. RISE AT FULL LOAD (at S.F 1.0)													NO LOAD						1.8 A		1.0 A					
													FULL LOAD						3.5 A		2.0 A					
													STARTING						22.8 A		13.2 A					
LOCATION						<input checked="" type="checkbox"/> INDOOR <input type="checkbox"/> OUTDOOR						EFFICIENCY														
ALTITUDE						1000 m						AT 1/2 LOAD						% 								
HUMIDITY						80 %						AT 3/4 LOAD						% 								
AMBIENT TEMPERATURE						-10~40						AT FULL LOAD						75.0 % 								
RATING						<input checked="" type="checkbox"/> CONT. <input type="checkbox"/> %ED						POWER FACTOR														
NEMA DESIGN						B						AT 1/2 LOAD						% 								
MOUNTING						<input checked="" type="checkbox"/> B3 <input type="checkbox"/> B5 <input type="checkbox"/> V1 <input type="checkbox"/> B3B5						AT 3/4 LOAD						% 								
BEARING		TYPE				BALL						AT FULL LOAD						75.0 % 								
		DEIN-DE				6205ZZ/6204ZZ						SPEED (AT FULL LOAD)						1740 rpm								
		LUBRICANT				GREASE						TORQUE														
COUPLING METHOD						<input checked="" type="checkbox"/> DIRECT <input type="checkbox"/> V-BELT						FULL LOAD						0.42 kg-m		100%						
ROTATION(Facing Drive End)						<input checked="" type="checkbox"/> CW <input checked="" type="checkbox"/> CCW						LOCKED ROTOR						0.80 kg-m		190%						
SHAFT													BREAKDOWN						0.84 kg-m		200%					
EXTENSION						SINGLE						NOISE LEVEL						63 dB(A) 								
												EXTERNAL THRUST						VIBRATION						30.0 μm		
TERMINAL BOX													ALLOWABLE LOAD GD² REFERRED TO MOTOR SHAFT													
MAIN						<input checked="" type="checkbox"/> STEEL <input type="checkbox"/> AL <input type="checkbox"/> CAST						(AT DIRECT ON-LINE)						3.6 kg-m²								
AUX.						<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO						Motor GD²						0.0092 kg-m²								
BOX LOCATION						LEFT (Viewed from Drive end)						MOTOR APPROX. WEIGHT						24 kg								
APPLICATION STANDARDS						KS.IEC						PAINTING		MUNSELL NO.				7.1B 4.0/0.9								
															THICKNESS				<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> μm							
ACCESSORIES (OPTIONAL)													SUBMITTAL DRAWINGS													
													OUTLINE DIMENSION													
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.																										
TE : TOTALLY ENCLOSED						DP : DRIP PROOF						DATE		PREPARED		CHECKED		APPROVED								
FC : FAN COOLED						SC : SELF COOLED						2008-11-17		D.H.KAM		J.H.JO		H.J.KIM								