

			INDUCTION MOTOR DATA SHEET											
SHEET 1 OF 1			CUSTOMER				PROJECT#							
FOR PROPOSAL			MODEL NO.		IKM-372P		ITEM NO.							
EFFICIENCY CLASS : IE3 (PREMIUM)			JOB NO.				QUANTITY							
GENERAL DATA					PERFORMANCE DATA									
FRAME NO.		112M		OUTPUT			5		HP					
TYPE		B5					3.7		KW					
ENCLOSURE		TOTALLY ENCLOSED		POLES			2		P					
COOLING METHOD		FC		ROTOR TYPE			SQUIRREL CAGE							
FREQUENCY (HZ)		60 HZ		STARTING METHOD			D.O.L							
PHASE		3 PHASE												
INSULATION CLASS		F CLASS		VOLTAGE			220/380		V					
TEMPERTURE RISE AT FULL LOAD				NO LOAD CURRENT			-		A					
				RES. METHOD		80 deg		FULL LOAD CURRENT			14.5/8.5		A	
				THERMO. METHOD		℃		STARTING CURRENT			106.14/58.38		A	
LOCATION		INDOOR												
ALTITUDE		1000 m		EFFICIENCY AT 1/2 LOAD 85.8 % AT 3/4 LOAD 87.9 % AT FULL LOAD 88.5 %										
HUMIDITY		80%												
AMBIENT TEMPERATURE		- 10~40 ℃												
RATING		CONT.												
MOUNTING		-												
BEARING TYPE		BALL / BALL		POWER FACTOR										
LOAD/UNLOAD BRG.NO		6206ZZ / 6206ZZ		AT 1/2 LOAD 50 % AT 3/4 LOAD 64.6 % AT FULL LOAD 74.2 %										
BEARING LUBRICATION		GREASE												
PROTECTION GRADE		IP 55												
SERVICE FACTOR		1.15												
				SPEED (AT FULL LOAD)			3500		RPM					
CONDENSER														
START		-		TORQUE FULL LOAD 1.03 kg-m LOCKED ROTOR 1.65 kg-m BREAKDOWN 2.06 kg-m										
RUN		-												
ACCESSORIES (OPTIONAL)														
TEMPERATURE DETECTOR		-												
SPACE HEATER		-												
SLIDE BASE		-		NOISE LEVEL			80		Db(A)					
				MOTOR APPROX. WEIGHT					KG					
				PAINTING			5Y							
REMARKS														
TEFC:Totally Enclosed FanCooled				DATE		PREPD BY		CHKD BY		APPRD BY				
				2022.10.06										