

			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		B3				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		B3															
BEARING TYPE		BALL / BALL		POWER FACTOR AT 1/2 LOAD 50 % AT 3/4 LOAD 64.6 % AT FULL LOAD 74.2 %													
LOAD/UNLOAD BRG.NO		6206ZZ / 6206ZZ															
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													