

			INDUCTION MOTOR DATA SHEET					
SHEET 1 OF 1			CUSTOMER				PROJECT#	
FOR PROPOSAL			MODEL NO.		IKM-022P		ITEM NO.	
EFFICIENCY CLASS : IE1 (STANDARD)			JOB NO.				QUANTITY	
GENERAL DATA				PERFORMANCE DATA				
FRAME NO.		63M		OUTPUT		0.25		HP
TYPE		B5				0.2		KW
ENCLOSURE		TOTALLY ENCLOSED		POLES		2		P
COOLING METHOD		FC		ROTOR TYPE		SQUIRREL CAGE		
FREQUENCY (HZ)		50/60 HZ		STARTING METHOD		DOL		
PHASE		3 PHASE						
INSULATION CLASS		F CLASS		VOLTAGE		220/380		V
TEMPERTURE RISE AT FULL LOAD				NO LOAD CURRENT		0.48/0.28//0.43/0.25		A
		RES. METHOD	80 deg	FULL LOAD CURRENT		0.99/0.57//0.90/0.52		A
		THERMO. METHOD	℃	STARTING CURRENT		5.6/3.2//4.9/2.8		A
LOCATION		INDOOR						
ALTITUDE		1000 m		EFFICIENCY AT 1/2 LOAD — % AT 3/4 LOAD — % AT FULL LOAD 65.6 %				
HUMIDITY		80%						
AMBIENT TEMPERATURE		- 10~40 ℃						
RATING		CONT.						
MOUNTING		-						
BEARING TYPE		BALL / BALL		POWER FACTOR				
LOAD/UNLOAD BRG.NO		6202ZZ / 6202ZZ		AT 1/2 LOAD — % AT 3/4 LOAD — % AT FULL LOAD 89.1 %				
BEARING LUBRICATION		GREASE						
PROTECTION GRADE		IP 55						
SERVICE FACTOR		1.15						
				SPEED (AT FULL LOAD)		2830/3400		RPM
CONDENSER								
		START		-		TORQUE FULL LOAD 0.057 kg-m LOCKED ROTOR 0.141 kg-m BREAKDOWN 0.174 kg-m		
		RUN		-				
ACCESSORIES (OPTIONAL)								
		TEMPERATURE DETECTOR	-					
		SPACE HEATER	-					
		SLIDE BASE	-	NOISE LEVEL		66		Db (A)
				MOTOR APPROX. WEIGHT		4.4		KG
				PAINTING		5Y		
REMARKS								
TEFC:Totally Enclosed FanCooled				DATE	PREPD BY	CHKD BY	APPRD BY	
				2024-03-22				