

			INDUCTION MOTOR DATA SHEET							
SHEET 1 OF 1			CUSTOMER				PROJECT#			
FOR PROPOSAL			MODEL NO.		IKM-042P		ITEM NO.			
EFFICIENCY CLASS : IE1 (STANDARD)			JOB NO.				QUANTITY			
GENERAL DATA				PERFORMANCE DATA						
FRAME NO.		71M		OUTPUT		0.5		HP		
TYPE		B5				0.4		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		-		A		
		RES. METHOD	80 deg	FULL LOAD CURRENT		1.8/1.0//1.6/0.9		A		
		THERMO. METHOD	℃	STARTING CURRENT		15.1/8.7//13.8/7.7		A		
LOCATION		INDOOR								
ALTITUDE		1000 m		EFFICIENCY						
HUMIDITY		80%				AT 1/2 LOAD		-	%	
AMBIENT TEMPERATURE		- 10~40 ℃				AT 3/4 LOAD		-		%
RATING		CONT.				AT FULL LOAD		76.6		%
MOUNTING		-								
BEARING TYPE		BALL / BALL		POWER FACTOR						
LOAD/UNLOAD BRG.NO		6203ZZ / 6202ZZ				AT 1/2 LOAD		-	%	
BEARING LUBRICATION		GREASE				AT 3/4 LOAD		-		%
PROTECTION GRADE		IP 55				AT FULL LOAD		73.8		%
SERVICE FACTOR		1.15								
				SPEED (AT FULL LOAD)		2880/3460		RPM		
CONDENSER										
		START	-	TORQUE						
		RUN	-			FULL LOAD		0.11	kg-m	
ACCESSORIES (OPTIONAL)						LOCKED ROTOR		0.275		kg-m
		TEMPERATURE DETECTOR	-			BREAKDOWN		0.33		kg-m
		SPACE HEATER	-							
		SLIDE BASE	-	NOISE LEVEL		80		Db(A)		
				MOTOR APPROX. WEIGHT				KG		
				PAINTING		5Y				
REMARKS										
TEFC:Totally Enclosed FanColled				DATE	PREPD BY	CHKD BY	APPRD BY			
				2024-01-03						