



INDUCTION MOTOR DATA SHEET

SHEET 1 OF 1		CUSTOMER			PROJECT#	
FOR PROPOSAL		MODEL NO.	IKM-042S		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)	60 HZ		STARTING METHOD	DOL		
PHASE	1 PHASE					
INSULATION CLASS	E CLASS		VOLTAGE	220	V	
TEMPERTURE RISE AT FULL LOAD			NO LOAD CURRENT	-	A	
	RES. METHOD	80 deg	FULL LOAD CURRENT	3.7	A	
	THERMO. METHOD	℃	STARTING CURRENT	16.6	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	75.2	%
MOUNTING	B5 TYPE					
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	92.4	%
SERVICE FACTOR	1					
			SPEED (AT FULL LOAD)	3460	RPM	
Condenser						
	Start	-	TORQUE			
	Run	-		FULL LOAD	0.11	kg-m
ACCESSORIES (OPTIONAL)				LOCKED ROTOR	0.33	kg-m
	TEMPERATURE DETECTOR	-		BREALDOWN	0.195	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
			2022.10.16			