



INDUCTION MOTOR DATA SHEET

SHEET 1 OF 1		CUSTOMER			PROJECT#			
FOR PROPOSAL		MODEL NO.	IKS-044P		ITEM NO.			
EFFICIENCY CLASS : IE1 (STANDARD)		JOB NO.			QUANTITY			
GENERAL DATA			PERFORMANCE DATA					
FRAME NO.	80M		OUTPUT	0.5	HP			
TYPE	B5			0.4	KW			
ENCLOSURE	TOTALLY ENCLOSED		POLES	4	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		0.7	A		
			RES. METHOD	80 deg		FULL LOAD CURRENT	2.5	A
			THERMO. METHOD	℃		STARTING CURRENT	8.9	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	74	%		
MOUNTING	B5 TYPE							
BEARING TYPE	BALL / BALL		POWER FACTOR					
LOAD/UNLOAD BRG.NO	6204ZZ / 6203ZZ			AT 1/2 LOAD	-	%		
BEARING LUBRICATION	GREASE			AT 3/4 LOAD	-	%		
PROTECTION GRADE	IP 55			AT FULL LOAD	98	%		
SERVICE FACTOR	1							
			SPEED (AT FULL LOAD)		1700	RPM		
Condenser								
	Start	50uf	TORQUE					
	Run	15uf		FULL LOAD	0.22 (100%)	kg-m		
ACCESSORIES (OPTIONAL)		LOCKED ROTOR		0.3 (136%)	kg-m			
		BREARDOWN		0.37 (1.68%)	kg-m			
TEMPERATURE DETECTOR		-						
SPACE HEATER		-						
SLIDE BASE		-						
			NOISE LEVEL		73	Db(A)		
			MOTOR APPROX. WEIGHT			KG		
			PAINTING		5Y			
REMARKS								
TEFC : FanColled			DATE	PREPD BY	CHKD BY	APPRD BY		
			2022.12.01					