INDUCTION MOTOR DATA SHEET

IK ELECTRIC (유)아이케이일렉트릭

SHEET 1 OF 1	CUSTOMER		PROJECT#	
FOR PROPOSAL	MODEL NO.	IKT-044	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	4	P
COOLING METHOD	FC		ROTOR TYPE	SQUIRREL CAGE	
FREQUENCY (HZ)	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	2.2/1.2	A
THERMO. METHOD	℃		STARTING CURRENT	11.2/6.1	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	73	%
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	74.5	%
SERVICE FACTOR	1.15				
			SPEED (AT FULL LOAD)	1720	RPM
CONDENSER					
START	-		TORQUE		
RUN	-		FULL LOAD	0.27 (100%)	kg-m
ACCESSORIES (OPTIONAL)			LOCKED ROTOR	0.54 (200%)	kg-m
TEMPERATURE DETECTOR	-		BREALDOWN	0.67 (250%)	kg-m
SPACE HEATER	-				
SLIDE BASE	-		NOISE LEVEL	73	Db(A)
			MOTOR APPROX. WEIGHT	7	KG
			PAINTING	5Y	

REMARKS

TEFC:Totally Enclosed FanCooled

DATE	PREPD BY	CHKD BY	APPRD BY
2023.10.06			