

		INDUCTION MOTOR DATA SHEET			
SHEET 1 OF 1		CUSTOMER			PROJECT#
FOR PROPOSAL		MODEL NO.	IKM-374P		ITEM NO.
EFFICIENCY CLASS : IE3 (PREMIUM)		JOB NO.			QUANTITY
GENERAL DATA			PERFORMANCE DATA		
FRAME NO.	112M		OUTPUT	5	HP
TYPE	B3			3.7	KW
ENCLOSURE	TOTALLY ENCLOSED		POLES	4	P
COOLING METHOD	FC		ROTOR TYPE	SQUIRREL CAGE	
FREQUENCY (HZ)	60 HZ		STARTING METHOD	D.O.L	
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	14.6/8.4	A
	THERMO. METHOD	℃	STARTING CURRENT	90.1/52.9	A
LOCATION	INDOOR				
ALTITUDE	1000 m		EFFICIENCY		
HUMIDITY	80%			AT 1/2 LOAD	87.5 %
AMBIENT TEMPERATURE	- 10~40 ℃			AT 3/4 LOAD	88.5 %
RATING	CONT.			AT FULL LOAD	89.5 %
MOUNTING	B3				
BEARING TYPE	BALL / BALL		POWER FACTOR		
LOAD/UNLOAD BRG.NO	6206ZZ / 6205ZZ			AT 1/2 LOAD	58.5 %
BEARING LUBRICATION	GREASE			AT 3/4 LOAD	68.5 %
PROTECTION GRADE	IP 55			AT FULL LOAD	73.5 %
SERVICE FACTOR	1.15				
			SPEED (AT FULL LOAD)	1750	RPM
CONDENSER					
	START	-	TORQUE		
	RUN	-		FULL LOAD	2 (100%) kg-m
ACCESSORIES (OPTIONAL)				LOCKED ROTOR	4.2 (210%) kg-m
	TEMPERATURE DETECTOR	-		BREALDOWN	5.2 (260%) kg-m
	SPACE HEATER	-			
	SLIDE BASE	-	NOISE LEVEL	80	Db(A)
			MOTOR APPROX. WEIGHT	30.4	KG
			PAINTING	5Y	
REMARKS					
TEFC:Totally Enclosed FanCooled			DATE	PREPD BY	CHKD BY
			2022.10.07		
					