

		INDUCTION MOTOR DATA SHEET			
SHEET 1 OF 1		CUSTOMER			PROJECT#
FOR PROPOSAL		MODEL NO.	IKM-0754P		ITEM NO.
EFFICIENCY CLASS : IE3 (PREMIUM)		JOB NO.			QUANTITY
GENERAL DATA			PERFORMANCE DATA		
FRAME NO.	80M		OUTPUT	1	HP
TYPE	B5			0.75	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	3.6/2.2	A
	THERMO. METHOD	℃	STARTING CURRENT	18.8/10.9	A
LOCATION	INDOOR				
ALTITUDE	1000 m		EFFICIENCY		
HUMIDITY	80%			AT 1/2 LOAD	79.4 %
AMBIENT TEMPERATURE	- 10~40 ℃			AT 3/4 LOAD	83.2 %
RATING	CONT.			AT FULL LOAD	83.9 %
MOUNTING	-				
BEARING TYPE	BALL / BALL		POWER FACTOR		
LOAD/UNLOAD BRG.NO	6204ZZ / 6203ZZ			AT 1/2 LOAD	56.7 %
BEARING LUBRICATION	GREASE			AT 3/4 LOAD	67.6 %
PROTECTION GRADE	IP 55			AT FULL LOAD	73.8 %
SERVICE FACTOR	1.15				
			SPEED (AT FULL LOAD)	1750	RPM
CONDENSER					
	START	-	TORQUE		
	RUN	-		FULL LOAD	0.4 (100%) kg-m
ACCESSORIES (OPTIONAL)				LOCKED ROTOR	0.84 (210%) kg-m
	TEMPERATURE DETECTOR	-		BREALDOWN	1.04 (260%) kg-m
	SPACE HEATER	-			
	SLIDE BASE	-	NOISE LEVEL	73	Db(A)
			MOTOR APPROX. WEIGHT	14	KG
			PAINTING	5Y	
REMARKS					
TEFC:Totally Enclosed FanCooled			DATE	PREPD BY	CHKD BY
			2022.10.07		
					