

		INDUCTION MOTOR DATA SHEET		
SHEET 1 OF 1		CUSTOMER		PROJECT#
FOR PROPOSAL		MODEL NO.	IKM-154P-2	
EFFICIENCY CLASS : IE3 (PREMIUM)		JOB NO.	QUANTITY	
GENERAL DATA		PERFORMANCE DATA		
FRAME NO.	90L	OUTPUT	2	HP
TYPE	B3		1.5	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	6.6/3.8
	THERMO. METHOD	℃	STARTING CURRENT	32.7/18.9
LOCATION	INDOOR			
ALTITUDE	1000 m	EFFICIENCY		
HUMIDITY	80%	AT 1/2 LOAD	84.7	%
AMBIENT TEMPERATURE	- 10~40 ℃	AT 3/4 LOAD	87.1	%
RATING	CONT.	AT FULL LOAD	87	%
MOUNTING	B3			
BEARING TYPE	BALL / BALL	POWER FACTOR		
LOAD/UNLOAD BRG.NO	6205ZZ / 6204ZZ	AT 1/2 LOAD	54.6	%
BEARING LUBRICATION	GREASE	AT 3/4 LOAD	65.9	%
PROTECTION GRADE	IP 55	AT FULL LOAD	72.4	%
SERVICE FACTOR	1.15			
		SPEED (AT FULL LOAD)	1750	RPM
CONDENSER				
	START	-	TORQUE	
	RUN	-	FULL LOAD	0.83 (100%)
ACCESSORIES (OPTIONAL)			LOCKED ROTOR	1.90 (230%)
	TEMPERATURE DETECTOR	-	BREALDOWN	2.32 (280%)
	SPACE HEATER	-		
	SLIDE BASE	-	NOISE LEVEL	75
		MOTOR APPROX. WEIGHT	16.5	KG
		PAINTING	5Y	
REMARKS				
TEFC:Totally Enclosed FanCooled		DATE	PREPD BY	CHKD BY
		2022.10.07		
				