

			INDUCTION MOTOR DATA SHEET						
SHEET 1 OF 1			CUSTOMER				PROJECT#		
FOR PROPOSAL			MODEL NO.		IKM-154P-2		ITEM NO.		
EFFICIENCY CLASS : IE3 (PREMIUM)			JOB NO.				QUANTITY		
GENERAL DATA				PERFORMANCE DATA					
FRAME NO.		90L		OUTPUT		2		HP	
TYPE		B5				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		A	
		THERMO. METHOD	℃	STARTING CURRENT		32.7/18.9		A	
LOCATION		INDOOR							
ALTITUDE		1000 m		EFFICIENCY					
HUMIDITY		80%							
AMBIENT TEMPERATURE		- 10~40 ℃							
RATING		CONT.							
MOUNTING		-							
BEARING TYPE		BALL / BALL		POWER FACTOR					
LOAD/UNLOAD BRG.NO		6205ZZ / 6204ZZ				AT 1/2 LOAD		84.7	%
BEARING LUBRICATION		GREASE				AT 3/4 LOAD		87.1	%
PROTECTION GRADE		IP 55				AT FULL LOAD		87	%
SERVICE FACTOR		1.15							
				SPEED (AT FULL LOAD)		1750		RPM	
CONDENSER									
		START	-	TORQUE					
		RUN	-						
ACCESSORIES (OPTIONAL)									
		TEMPERATURE DETECTOR	-			FULL LOAD		0.83 (100%)	kg-m
		SPACE HEATER	-			LOCKED ROTOR		1.90 (230%)	kg-m
		SLIDE BASE	-			BREAKDOWN		2.32 (280%)	kg-m
				NOISE LEVEL		75		Db (A)	
				MOTOR APPROX. WEIGHT		16.5		KG	
				PAINTING		5Y			
REMARKS									
TEFC:Totally Enclosed FanCooled				DATE		PREPD BY		CHKD BY	APPRD BY
				2022.10.07					