

			INDUCTION MOTOR DATA SHEET						
SHEET 1 OF 1			CUSTOMER				PROJECT#		
FOR PROPOSAL			MODEL NO.		IKM-152P		ITEM NO.		
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		2		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		6.0/3.5		A	
		THERMO. METHOD	℃	STARTING CURRENT		45.12 / 25.53		A	
LOCATION		INDOOR							
ALTITUDE		1000 m		EFFICIENCY					
HUMIDITY		80%							
AMBIENT TEMPERATURE		- 10~40 ℃							
RATING		CONT.							
MOUNTING		B3							
BEARING TYPE		BALL / BALL		POWER FACTOR					
LOAD/UNLOAD BRG.NO		6205ZZ / 6204ZZ				AT 1/2 LOAD		84.6	%
BEARING LUBRICATION		GREASE				AT 3/4 LOAD		85.8	%
PROTECTION GRADE		IP 55				AT FULL LOAD		85.5	%
SERVICE FACTOR		1.15							
				SPEED (AT FULL LOAD)		3470		RPM	
CONDENSER									
		START	-	TORQUE					
		RUN	-						
ACCESSORIES (OPTIONAL)									
		TEMPERATURE DETECTOR	-			FULL LOAD		0.42	kg-m
		SPACE HEATER	-			LOCKED ROTOR		0.75	kg-m
		SLIDE BASE	-			BREALDOWN		0.83	kg-m
				NOISE LEVEL		75		Db(A)	
				MOTOR APPROX. WEIGHT				KG	
				PAINTING		5Y			
REMARKS									
TEFC:Totally Enclosed FanCooled				DATE		PREPD BY		CHKD BY	APPRD BY
				2022.10.06					