

			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		B5				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%				AT 1/2 LOAD		84.6 %
AMBIENT TEMPERATURE		- 10~40 ℃				AT 3/4 LOAD		85.8 %
RATING		CONT.				AT FULL LOAD		85.5 %
MOUNTING		-						
BEARING TYPE		BALL / BALL		POWER FACTOR				
LOAD/UNLOAD BRG.NO		6205ZZ / 6204ZZ				AT 1/2 LOAD		70.6 %
BEARING LUBRICATION		GREASE				AT 3/4 LOAD		81.6 %
PROTECTION GRADE		IP 55				AT FULL LOAD		87 %
SERVICE FACTOR		1.15						
				SPEED (AT FULL LOAD)		3470		RPM
CONDENSER								
		START	-	TORQUE				
		RUN	-			FULL LOAD		0.42 kg-m
ACCESSORIES (OPTIONAL)						LOCKED ROTOR		0.75 kg-m
						BREAKDOWN		0.83 kg-m
		TEMPERATURE DETECTOR	-					
		SPACE HEATER	-					
		SLIDE BASE	-	NOISE LEVEL		75		Db(A)
				MOTOR APPROX. WEIGHT				KG
				PAINTING		5Y		
REMARKS								
TEFC:Totally Enclosed FanCooled				DATE		PREPD BY		CHKD BY
				2022.10.06				
						APPRD BY		