

			INDUCTION MOTOR DATA SHEET						
SHEET 1 OF 1			CUSTOMER				PROJECT#		
FOR PROPOSAL			MODEL NO.		IKM-1104P		ITEM NO.		
EFFICIENCY CLASS : IE3 (PREMIUM)			JOB NO.				QUANTITY		
GENERAL DATA				PERFORMANCE DATA					
FRAME NO.		160M		OUTPUT		15		HP	
TYPE		B5				11		KW	
ENCLOSURE		TOTALLY ENCLOSED		POLES		4		P	
COOLING METHOD		FC		ROTOR TYPE		SQUIRREL CAGE			
FREQUENCY (HZ)		60 HZ		STARTING METHOD		Y-Δ			
PHASE		3 PHASE							
INSULATION CLASS		F CLASS		VOLTAGE		380		V	
TEMPERTURE RISE AT FULL LOAD				NO LOAD CURRENT		-		A	
		RES. METHOD	80 deg	FULL LOAD CURRENT		22.7		A	
		THERMO. METHOD	℃	STARTING CURRENT		139.9		A	
LOCATION		INDOOR							
ALTITUDE		1000 m		EFFICIENCY					
HUMIDITY		80%							
AMBIENT TEMPERATURE		- 10~40 ℃							
RATING		CONT.							
MOUNTING		-							
BEARING TYPE		BALL / BALL		POWER FACTOR					
UNLOAD/LOAD BRG.NO		6309ZZ / 6309ZZ				AT 1/2 LOAD		92.8	%
BEARING LUBRICATION		GREASE				AT 3/4 LOAD		93.2	%
PROTECTION GRADE		IP 55				AT FULL LOAD		92.4	%
SERVICE FACTOR		1.15							
				SPEED (AT FULL LOAD)		1770		RPM	
CONDENSER									
		START	-	TORQUE					
		RUN	-						
ACCESSORIES (OPTIONAL)									
		TEMPERATURE DETECTOR	-			FULL LOAD		6.04	kg-m
		SPACE HEATER	-			LOCKED ROTOR		12.6	kg-m
		SLIDE BASE	-			BREAKDOWN		15.1	kg-m
				NOISE LEVEL		87		Db(A)	
				MOTOR APPROX. WEIGHT				KG	
				PAINTING		BLACK			
REMARKS									
TEFC:Totally Enclosed FanColled				DETE		PREPD BY		CHKD BY	APPRD BY
				2022.11.19					