

			INDUCTION MOTOR DATA SHEET					
SHEET 1 OF 1			CUSTOMER				PROJECT#	
FOR PROPOSAL			MODEL NO.		IKM-1504P		ITEM NO.	
EFFICIENCY CLASS : IE3 (PREMIUM)			JOB NO.				QUANTITY	
GENERAL DATA				PERFORMANCE DATA				
FRAME NO.		160M		OUTPUT		20		HP
TYPE		B3				15		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		32		A
		THERMO. METHOD	℃	STARTING CURRENT		181.9		A
LOCATION		INDOOR						
ALTITUDE		1000 m		EFFICIENCY				
HUMIDITY		80%				AT 1/2 LOAD		92.1 %
AMBIENT TEMPERATURE		- 10~40 ℃				AT 3/4 LOAD		92.7 %
RATING		CONT.				AT FULL LOAD		93 %
MOUNTING		B3						
BEARING TYPE		BALL / BALL		POWER FACTOR				
UNLOAD/LOAD BRG.NO		6309ZZ / 6309ZZ				AT 1/2 LOAD		65.5 %
BEARING LUBRICATION		GREASE				AT 3/4 LOAD		75.9 %
PROTECTION GRADE		IP 55				AT FULL LOAD		80.5 %
SERVICE FACTOR		1.15						
				SPEED (AT FULL LOAD)		1770		RPM
CONDENSER								
		START	-	TORQUE				
		RUN	-			FULL LOAD		8.2 kg-m
ACCESSORIES (OPTIONAL)						LOCKED ROTOR		14.01 kg-m
						BREAKDOWN		18.04 kg-m
		TEMPERATURE DETECTOR	-					
		SPACE HEATER	-					
		SLIDE BASE	-	NOISE LEVEL		87		Db(A)
				MOTOR APPROX. WEIGHT				KG
				PAINTING		BLACK		
REMARKS								
TEFC:Totally Enclosed FanColled				DETE		PREPD BY		CHKD BY
				2022.01.25				
						APPRD BY		