

			INDUCTION MOTOR DATA SHEET								
SHEET 1 OF 1			CUSTOMER				PROJECT#				
FOR PROPOSAL			MODEL NO.		IKM-1502P		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		2		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		31.8		A	
		THERMO. METHOD		℃		STARTING CURRENT		183.29		A	
LOCATION		INDOOR									
ALTITUDE		1000 m		EFFICIENCY AT 1/2 LOAD 90 % AT 3/4 LOAD 90.9 % AT FULL LOAD 91 %							
HUMIDITY		80%									
AMBIENT TEMPERATURE		- 10~40 ℃									
RATING		CONT.									
MOUNTING		B3									
BEARING TYPE		BALL / BALL		POWER FACTOR							
UNLOAD/LOAD BRG.NO		6309ZZ / 6309ZZ				AT 1/2 LOAD		64.9		%	
BEARING LUBRICATION		GREASE				AT 3/4 LOAD		75.5		%	
PROTECTION GRADE		IP 55				AT FULL LOAD		81		%	
SERVICE FACTOR		1.15									
				SPEED (AT FULL LOAD)		3530		RPM			
CONDENSER											
		START		-		TORQUE FULL LOAD 4.1 kg-m LOCKED ROTOR 6.2 kg-m BREAKDOWN 8.2 kg-m					
		RUN		-							
ACCESSORIES (OPTIONAL)											
		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		APPRD BY	
				2022.10.17							