

			INDUCTION MOTOR DATA SHEET								
SHEET 1 OF 1			CUSTOMER				PROJECT#				
FOR PROPOSAL			MODEL NO.		IKM-222P		ITEM NO.				
EFFICIENCY CLASS : IE3 (PREMIUM)			JOB NO.				QUANTITY				
GENERAL DATA					PERFORMANCE DATA						
FRAME NO.		90L		OUTPUT			3		HP		
TYPE		B3					2.2		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			8.5/4.9		A
		THERMO. METHOD		℃		STARTING CURRENT			67.41/37.08		A
LOCATION		INDOOR									
ALTITUDE		1000 m		EFFICIENCY AT 1/2 LOAD 85.5 % AT 3/4 LOAD 86.6 % AT FULL LOAD 86.5 %							
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 68.7 % AT 3/4 LOAD 79.9 % AT FULL LOAD 89.6 %							
BEARING LUBRICATION		GREASE									
PROTECTION GRADE		IP 55									
SERVICE FACTOR		1.15									
				SPEED (AT FULL LOAD)			3470		RPM		
CONDENSER											
		START		-		TORQUE FULL LOAD 0.61 kg-m LOCKED ROTOR 1.04 kg-m BREAKDOWN 1.22 kg-m					
		RUN		-							
ACCESSORIES (OPTIONAL)											
		TEMPERATURE DETECTOR		-							
		SPACE HEATER		-							
		SLIDE BASE		-		NOISE LEVEL			77		Db(A)
				MOTOR APPROX. WEIGHT					KG		
				PAINTING			5Y				
REMARKS											
TEFC:Totally Enclosed FanCooled				DATE		PREPD BY		CHKD BY		APPRD BY	
				2022.10.01							