

			INDUCTION MOTOR DATA SHEET					
SHEET 1 OF 1			CUSTOMER				PROJECT#	
FOR PROPOSAL			MODEL NO.		IKT-0224		ITEM NO.	
EFFICIENCY CLASS : IE3 (PREMIUM)			JOB NO.				QUANTITY	
GENERAL DATA					PERFORMANCE DATA			
FRAME NO.		100L		OUTPUT		3		HP
TYPE		B3				2.2		KW
ENCLOSURE		TOTALLY ENCLOSED		POLES		4		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		2		A
		RES. METHOD	80 deg	FULL LOAD CURRENT		8.0/4.6		A
		THERMO. METHOD	℃	STARTING CURRENT		69.6/40.2		A
LOCATION		INDOOR						
ALTITUDE		1000 m		EFFICIENCY AT 1/2 LOAD — % AT 3/4 LOAD — % AT FULL LOAD 89.5 %				
HUMIDITY		80%						
AMBIENT TEMPERATURE		- 10~40 ℃						
RATING		CONT.						
MOUNTING		B3						
BEARING TYPE		BALL / BALL		POWER FACTOR				
LOAD/UNLOAD BRG.NO		6206ZZ / 6205ZZ		AT 1/2 LOAD — % AT 3/4 LOAD — % AT FULL LOAD 80.4 %				
BEARING LUBRICATION		GREASE						
PROTECTION GRADE		IP 55						
SERVICE FACTOR		1.15						
				SPEED (AT FULL LOAD)		1760		RPM
CONDENSER								
		START	—	TORQUE FULL LOAD 1.2 (100%) kg-m LOCKED ROTOR 3.12 (260%) kg-m BREALDOWN 3.72 (310%) kg-m				
		RUN	—					
ACCESSORIES (OPTIONAL)								
		TEMPERATURE DETECTOR	—					
		SPACE HEATER	—					
		SLIDE BASE	—	NOISE LEVEL		77		Db (A)
				MOTOR APPROX. WEIGHT		25.8		KG
				PAINTING		5Y		
REMARKS								
TEFC:Totally Enclosed FanCooled				DATE	PREPD BY	CHKD BY	APPRD BY	
				2022.10.02				