

			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		B5				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					
HUMIDITY		80%				AT 1/2 LOAD		—	
AMBIENT TEMPERATURE		— 10~40 ℃				AT 3/4 LOAD		—	%
RATING		CONT.				AT FULL LOAD		89.5	%
MOUNTING		—							
BEARING TYPE		BALL / BALL		POWER FACTOR					
LOAD/UNLOAD BRG.NO		6206ZZ / 6205ZZ				AT 1/2 LOAD		—	
BEARING LUBRICATION		GREASE				AT 3/4 LOAD		—	%
PROTECTION GRADE		IP 55				AT FULL LOAD		80.4	%
SERVICE FACTOR		1.15							
				SPEED (AT FULL LOAD)		1760		RPM	
CONDENSER									
		START	—	TORQUE					
		RUN	—			FULL LOAD		1.2 (100%)	
ACCESSORIES (OPTIONAL)						LOCKED ROTOR		3.12 (260%)	kg-m
						BREAKDOWN		3.72 (310%)	kg-m
		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					