

		INDUCTION MOTOR DATA SHEET			
SHEET 1 OF 1		CUSTOMER			PROJECT#
FOR PROPOSAL		MODEL NO.	IKS-224P		ITEM NO.
EFFICIENCY CLASS : IE1 (STANDARD)		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	Fan Cooled		ROTOR TYPE	SQUIRREL CAGE	
FREQUENCY (HZ)	60 HZ		STARTING METHOD	D.O.L.	
PHASE	1 PHASE				
INSULATION CLASS	F CLASS		VOLTAGE	220	V
TEMPERTURE RISE AT FULL LOAD			NO LOAD CURRENT	2.49	A
	RES. METHOD	80 deg	FULL LOAD CURRENT	11.2	A
	THERMO. METHOD	℃	STARTING CURRENT	25.8	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	90.4 %
MOUNTING	B3				
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	99 %
SERVICE FACTOR	1				
			SPEED (AT FULL LOAD)	1760	RPM
Condenser					
	Start	220V/200uf	TORQUE		
	Run	450V/50uf		FULL LOAD	1.21 (100%) kg-m
ACCESSORIES (OPTIONAL)				LOCKED ROTOR	0.33 (27.3%) kg-m
	TEMPERATURE DETECTOR	—		BREARDOWN	1.95 (161%) kg-m
	SPACE HEATER	—			
	SLIDE BASE	—	NOISE LEVEL	73	Db(A)
			MOTOR APPROX. WEIGHT		KG
			PAINTING	5Y	
REMARKS					
TEFC:Totally Enclosed FanColled			DATE	PREPD BY	CHKD BY
			2023.01.04		
					