

			INDUCTION MOTOR DATA SHEET			
SHEET 1 OF 1			CUSTOMER			PROJECT#
FOR PROPOSAL			MODEL NO.	IKM-222S		ITEM NO.
EFFICIENCY CLASS : IE1 (STANDARD)			JOB NO.			QUANTITY
GENERAL DATA				PERFORMANCE DATA		
FRAME NO.		90L		OUTPUT	2	HP
TYPE		B5			2.2	KW
ENCLOSURE		TOTALLY ENCLOSED		POLES	2	P
COOLING METHOD		FC		ROTOR TYPE	SQUIRREL CAGE	
FREQUENCY (HZ)		60 HZ		STARTING METHOD	DOL	
PHASE		1 PHASE				
INSULATION CLASS		E CLASS		VOLTAGE	220	V
TEMPERTURE RISE AT FULL LOAD				NO LOAD CURRENT	2.06	A
		RES. METHOD	80 deg	FULL LOAD CURRENT	11.7	A
		THERMO. METHOD	℃	STARTING CURRENT	59.8	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	85.5 %
MOUNTING		B5 TYPE				
BEARING TYPE		BALL / BALL		POWER FACTOR		
LOAD/UNLOAD BRG.NO		6205ZZ / 6204ZZ			AT 1/2 LOAD	— %
BEARING LUBRICATION		GREASE			AT 3/4 LOAD	— %
PROTECTION GRADE		IP 55			AT FULL LOAD	98.7 %
SERVICE FACTOR		1				
				SPEED (AT FULL LOAD)	3450	RPM
Condenser						
	Start			TORQUE		
	Run	400V 50μF			FULL LOAD	0.62 kg-m
ACCESSORIES (OPTIONAL)			LOCKED ROTOR		0.18 kg-m	
TEMPERATURE DETECTOR		—			BREALDOWN	1.5 kg-m
SPACE HEATER		—				
SLIDE BASE		—		NOISE LEVEL	80	Db(A)
				MOTOR APPROX. WEIGHT		KG
				PAINTING	5Y	
REMARKS						
TEFC:Totally Enclosed FanColled				DATE	PREPD BY	CHKD BY
				2024-01-02		
						