

			INDUCTION MOTOR DATA SHEET										
SHEET 1 OF 1			CUSTOMER				PROJECT#						
FOR PROPOSAL			MODEL NO.		IKM-152S		ITEM NO.						
EFFICIENCY CLASS : IE1 (STANDARD)			JOB NO.				QUANTITY						
GENERAL DATA				PERFORMANCE DATA									
FRAME NO.		90L		OUTPUT		2		HP					
TYPE		B5				1.5		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		F CLASS		VOLTAGE		220		V					
TEMPERTURE RISE AT FULL LOAD				NO LOAD CURRENT		-		A					
		RES. METHOD	80 deg	FULL LOAD CURRENT		11.8		A					
		THERMO. METHOD	℃	STARTING CURRENT		53.1		A					
LOCATION		INDOOR											
ALTITUDE		1000 m		EFFICIENCY AT 1/2 LOAD - % AT 3/4 LOAD - % AT FULL LOAD 85.1 %									
HUMIDITY		80%											
AMBIENT TEMPERATURE		- 10~40 ℃											
RATING		CONT.											
MOUNTING		B5 TYPE											
BEARING TYPE		BALL / BALL		POWER FACTOR									
LOAD/UNLOAD BRG.NO		6205ZZ / 6204ZZ		AT 1/2 LOAD - % AT 3/4 LOAD - % AT FULL LOAD 99.4 %									
BEARING LUBRICATION		GREASE											
PROTECTION GRADE		IP 55											
SERVICE FACTOR		1											
				SPEED (AT FULL LOAD)		3450		RPM					
Condenser													
		Start	-	TORQUE FULL LOAD 0.42 kg-m LOCKED ROTOR 0.12 kg-m BREALDOWN 1.05 kg-m									
		Run	-										
ACCESSORIES (OPTIONAL)													
		TEMPERATURE DETECTOR	-										
		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	APPRD BY						
				2024-01-02									