

			INDUCTION MOTOR DATA SHEET					
SHEET 1 OF 1			CUSTOMER				PROJECT#	
FOR PROPOSAL			MODEL NO.		IKM-754P		ITEM NO.	
EFFICIENCY CLASS : IE3 (PREMIUM)			JOB NO.				QUANTITY	
GENERAL DATA				PERFORMANCE DATA				
FRAME NO.		132M		OUTPUT		10		HP
TYPE		B5				7.5		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		16.6/9.6		A
		RES. METHOD	80 deg	FULL LOAD CURRENT		26.3/16.5		A
		THERMO. METHOD	℃	STARTING CURRENT		144.1/83.5		A
LOCATION		INDOOR						
ALTITUDE		1000 m		EFFICIENCY				
HUMIDITY		80%				AT 1/2 LOAD		89.7 %
AMBIENT TEMPERATURE		- 10~40 ℃				AT 3/4 LOAD		90.7 %
RATING		CONT.				AT FULL LOAD		91.7 %
MOUNTING		-						
BEARING TYPE		BALL / BALL		POWER FACTOR				
UNLOAD/LOAD BRG.NO		6308ZZ / 6307ZZ				AT 1/2 LOAD		61.5 %
BEARING LUBRICATION		GREASE				AT 3/4 LOAD		71.5 %
PROTECTION GRADE		IP 55				AT FULL LOAD		76.5 %
SERVICE FACTOR		1.15						
				SPEED (AT FULL LOAD)		1770		RPM
Condenser								
		Start	-	TORQUE				
		Run	-			FULL LOAD		4.1 (100%) kg-m
ACCESSORIES (OPTIONAL)						LOCKED ROTOR		9.02 (220%) kg-m
		TEMPERATURE DETECTOR	-			BREAKDOWN		11.07 (270%) kg-m
		SPACE HEATER	-					
		SLIDE BASE	-	NOISE LEVEL		84		Db(A)
				MOTOR APPROX. WEIGHT				KG
				PAINTING		5Y		
REMARKS								
TEFC:Totally Enclosed FanColled				DATE	PREPD BY	CHKD BY	APPRD BY	
				2022.10.07				