

			INDUCTION MOTOR DATA SHEET						
SHEET 1 OF 1			CUSTOMER				PROJECT#		
FOR PROPOSAL			MODEL NO.		IKT-752P		ITEM NO.		
EFFICIENCY CLASS : IE3 (PREMIUM)			JOB NO.				QUANTITY		
GENERAL DATA				PERFORMANCE DATA					
FRAME NO.		132M		OUTPUT		10		HP	
TYPE		B3				7.5		KW	
ENCLOSURE		TOTALLY ENCLOSED		POLES		2		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		-		A	
		RES. METHOD	80 deg	FULL LOAD CURRENT		28.4/16.5		A	
		THERMO. METHOD	℃	STARTING CURRENT		201.5/110.83		A	
LOCATION		INDOOR							
ALTITUDE		1000 m		EFFICIENCY					
HUMIDITY		80%							
AMBIENT TEMPERATURE		- 10~40 ℃							
RATING		CONT.							
MOUNTING		B3							
BEARING TYPE		BALL / BALL		POWER FACTOR					
LOAD/UNLOAD BRG.NO		6308ZZ / 6308ZZ				AT 1/2 LOAD		89.7	%
BEARING LUBRICATION		GREASE				AT 3/4 LOAD		90.4	%
PROTECTION GRADE		IP 55				AT FULL LOAD		90.2	%
SERVICE FACTOR		1.15							
				SPEED (AT FULL LOAD)		3500		RPM	
CONDENSER									
		START	-	TORQUE					
		RUN	-						
ACCESSORIES (OPTIONAL)									
		TEMPERATURE DETECTOR	-			FULL LOAD		2.07	kg-m
		SPACE HEATER	-			LOCKED ROTOR		3.1	kg-m
		SLIDE BASE	-			BREAKDOWN		4.14	kg-m
				NOISE LEVEL		84		Db(A)	
				MOTOR APPROX. WEIGHT				KG	
				PAINTING		5Y			
REMARKS									
TEFC:Totally Enclosed FanCooled				DATE		PREPD BY		CHKD BY	APPRD BY
				2022.10.06					