

			INDUCTION MOTOR DATA SHEET						
SHEET 1 OF 1			CUSTOMER				PROJECT#		
FOR PROPOSAL			MODEL NO.		IKT-552P		ITEM NO.		
EFFICIENCY CLASS : IE3 (PREMIUM)			JOB NO.				QUANTITY		
GENERAL DATA				PERFORMANCE DATA					
FRAME NO.		132M		OUTPUT		7.5		HP	
TYPE		B5				5.5		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		20.4/11.8		A	
		THERMO. METHOD	℃	STARTING CURRENT		135.72/74.65		A	
LOCATION		INDOOR							
ALTITUDE		1000 m		EFFICIENCY					
HUMIDITY		80%				AT 1/2 LOAD		87.3	%
AMBIENT TEMPERATURE		- 10~40 ℃				AT 3/4 LOAD		88.3	%
RATING		CONT.				AT FULL LOAD		89.5	%
MOUNTING		-							
BEARING TYPE		BALL / BALL		POWER FACTOR					
LOAD/UNLOAD BRG.NO		6308ZZ / 6308ZZ				AT 1/2 LOAD		71	%
BEARING LUBRICATION		GREASE				AT 3/4 LOAD		81	%
PROTECTION GRADE		IP 55				AT FULL LOAD		87	%
SERVICE FACTOR		1.15							
				SPEED (AT FULL LOAD)		3500		RPM	
CONDENSER									
		START	-	TORQUE					
		RUN	-			FULL LOAD		1.52	kg-m
ACCESSORIES (OPTIONAL)						LOCKED ROTOR		2.28	kg-m
		TEMPERATURE DETECTOR	-			BREAKDOWN		3.04	kg-m
		SPACE HEATER	-						
		SLIDE BASE	-	NOISE LEVEL		83		Db(A)	
				MOTOR APPROX. WEIGHT				KG	
				PAINTING		5Y			
REMARKS									
TEFC:Totally Enclosed FanCooled				DATE	PREPD BY	CHKD BY	APPRD BY		
				2022.10.06					