

			INDUCTION MOTOR DATA SHEET								
SHEET 1 OF 1			CUSTOMER				PROJECT#				
FOR PROPOSAL			MODEL NO.		IKM-554P		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		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		9.8/5.7		A			
				RES. METHOD		80 deg		FULL LOAD CURRENT		21/11.8	A
				THERMO. METHOD		℃		STARTING CURRENT		139.72/76.59	A
LOCATION		INDOOR									
ALTITUDE		1000 m		EFFICIENCY							
HUMIDITY		80%									
AMBIENT TEMPERATURE		- 10~40 ℃									
RATING		CONT.									
MOUNTING		-									
BEARING TYPE		BALL / BALL		POWER FACTOR							
LOAD/UNLOAD BRG.NO		6308ZZ / 6307ZZ				AT 1/2 LOAD		-	%		
BEARING LUBRICATION		GREASE				AT 3/4 LOAD		-	%		
PROTECTION GRADE		IP 55				AT FULL LOAD		91.7	%		
SERVICE FACTOR		1.15									
				SPEED (AT FULL LOAD)		1755		RPM			
CONDENSER											
		START		-		TORQUE					
		RUN		-							
ACCESSORIES (OPTIONAL)				FULL LOAD		3.04		kg-m			
				LOCKED ROTOR		7		kg-m			
				BREAKDOWN		8.5		kg-m			
TEMPERATURE DETECTOR		-									
SPACE HEATER		-									
SLIDE BASE		-		NOISE LEVEL		83		Db(A)			
				MOTOR APPROX. WEIGHT				KG			
				PAINTING		5Y					
REMARKS											
TEFC:Totally Enclosed FanColled				DETE		PREPD BY		CHKD BY	APPRD BY		
				2022.10.29							