

		INDUCTION MOTOR DATA SHEET		
SHEET 1 OF 1		CUSTOMER		PROJECT#
FOR PROPOSAL		MODEL NO.	IKM-554P	
EFFICIENCY CLASS : IE3 (PREMIUM)		JOB NO.	QUANTITY	
GENERAL DATA		PERFORMANCE DATA		
FRAME NO.	132M	OUTPUT	7.5	HP
TYPE	B3		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
	THERMO. METHOD	℃	STARTING CURRENT	139.72/76.59
LOCATION	INDOOR			
ALTITUDE	1000 m	EFFICIENCY		
HUMIDITY	80%	AT 1/2 LOAD	-	%
AMBIENT TEMPERATURE	- 10~40 ℃	AT 3/4 LOAD	-	%
RATING	CONT.	AT FULL LOAD	91.7	%
MOUNTING	B3			
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	88	%
SERVICE FACTOR	1.15			
		SPEED (AT FULL LOAD)	1755	RPM
CONDENSER		TORQUE		
	START	-	FULL LOAD	3.04
	RUN	-	LOCKED ROTOR	7
ACCESSORIES (OPTIONAL)		BREARDOWN	8.5	kg-m
	TEMPERATURE DETECTOR	-		
	SPACE HEATER	-		
	SLIDE BASE	-	NOISE LEVEL	83
		MOTOR APPROX. WEIGHT		KG
		PAINTING	5Y	
REMARKS				
TEFC:Totally Enclosed FanColled		DETE	PREPD BY	CHKD BY
		2022.10.29		
				