

		INDUCTION MOTOR DATA SHEET		
SHEET 1 OF 1		CUSTOMER		PROJECT#
FOR PROPOSAL		MODEL NO.	IKM-1104P	
EFFICIENCY CLASS : IE3 (PREMIUM)		JOB NO.		QUANTITY
GENERAL DATA		PERFORMANCE DATA		
FRAME NO.	160M	OUTPUT	15	HP
TYPE	B3		11	KW
ENCLOSURE	TOTALLY ENCLOSED	POLES	4	P
COOLING METHOD	FC	ROTOR TYPE	SQUIRREL CAGE	
FREQUENCY (HZ)	60 HZ	STARTING METHOD	Y-Δ	
PHASE	3 PHASE			
INSULATION CLASS	F CLASS	VOLTAGE	380	V
TEMPERTURE RISE AT FULL LOAD		NO LOAD CURRENT	-	A
	RES. METHOD	80 deg	FULL LOAD CURRENT	22.7
	THERMO. METHOD	℃	STARTING CURRENT	139.9
LOCATION	INDOOR			
ALTITUDE	1000 m	EFFICIENCY		
HUMIDITY	80%	AT 1/2 LOAD	92.8	%
AMBIENT TEMPERATURE	- 10~40 ℃	AT 3/4 LOAD	93.2	%
RATING	CONT.	AT FULL LOAD	92.4	%
MOUNTING	B3			
BEARING TYPE	BALL / BALL	POWER FACTOR		
UNLOAD/LOAD BRG.NO	6309ZZ / 6309ZZ	AT 1/2 LOAD	65.6	%
BEARING LUBRICATION	GREASE	AT 3/4 LOAD	75.5	%
PROTECTION GRADE	IP 55	AT FULL LOAD	79.7	%
SERVICE FACTOR	1.15			
		SPEED (AT FULL LOAD)	1770	RPM
CONDENSER		TORQUE		
	START	-	FULL LOAD	6.04
	RUN	-	LOCKED ROTOR	12.6
ACCESSORIES (OPTIONAL)			BREARDOWN	15.1
	TEMPERATURE DETECTOR	-		
	SPACE HEATER	-		
	SLIDE BASE	-	NOISE LEVEL	87
				Db(A)
		MOTOR APPROX. WEIGHT		KG
		PAINTING		BLACK
REMARKS				
TEFC:Totally Enclosed FanColled		DETE	PREPD BY	CHKD BY
		2022.11.19		
				