

		INDUCTION MOTOR DATA SHEET			
SHEET 1 OF 1		CUSTOMER			PROJECT#
FOR PROPOSAL		MODEL NO.	IKM-1102P		ITEM NO.
EFFICIENCY CLASS : IE3 (PREMIUM)		JOB NO.			QUANTITY
GENERAL DATA			PERFORMANCE DATA		
FRAME NO.	132M		OUTPUT	15	HP
TYPE	B5			11	KW
ENCLOSURE	TOTALLY ENCLOSED		POLES	2	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	21.5	A
	THERMO. METHOD	℃	STARTING CURRENT	132.89	A
LOCATION	INDOOR				
ALTITUDE	1000 m		EFFICIENCY		
HUMIDITY	80%			AT 1/2 LOAD	90.4 %
AMBIENT TEMPERATURE	- 10~40 ℃			AT 3/4 LOAD	91.2 %
RATING	CONT.			AT FULL LOAD	91 %
MOUNTING	-				
BEARING TYPE	BALL / BALL		POWER FACTOR		
LOAD/UNLOAD BRG.NO	6309ZZ / 6308ZZ			AT 1/2 LOAD	71.6 %
BEARING LUBRICATION	GREASE			AT 3/4 LOAD	80.8 %
PROTECTION GRADE	IP 55			AT FULL LOAD	85.3 %
SERVICE FACTOR	1.15				
			SPEED (AT FULL LOAD)	3520	RPM
CONDENSER					
	START	-	TORQUE		
	RUN	-		FULL LOAD	3.04 kg-m
ACCESSORIES (OPTIONAL)				LOCKED ROTOR	4.26 kg-m
	TEMPERATURE DETECTOR	-		BREAKDOWN	6.09 kg-m
	SPACE HEATER	-			
	SLIDE BASE	-	NOISE LEVEL	87	Db(A)
			MOTOR APPROX. WEIGHT	83	KG
			PAINTING	BLACK	
REMARKS					
TEFC:Totally Enclosed FanCooled			DATE	PREPD BY	CHKD BY
			2022.10.26		
					APPRD BY
					