

			INDUCTION MOTOR DATA SHEET					
SHEET 1 OF 1			CUSTOMER				PROJECT#	
FOR PROPOSAL			MODEL NO.		IKM-1852P		ITEM NO.	
EFFICIENCY CLASS : IE3 (PREMIUM)			JOB NO.				QUANTITY	
GENERAL DATA				PERFORMANCE DATA				
FRAME NO.		160M		OUTPUT		25		HP
TYPE		B3				18.5		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		34.8		A
		THERMO. METHOD	℃	STARTING CURRENT		251.01		A
LOCATION		INDOOR						
ALTITUDE		1000 m		EFFICIENCY				
HUMIDITY		80%				AT 1/2 LOAD		90.9 %
AMBIENT TEMPERATURE		- 10~40 ℃				AT 3/4 LOAD		91.8 %
RATING		CONT.				AT FULL LOAD		91.7 %
MOUNTING		B3						
BEARING TYPE		BALL / BALL		POWER FACTOR				
UNLOAD/LOAD BRG.NO		6309ZZ / 6309ZZ				AT 1/2 LOAD		84.3 %
BEARING LUBRICATION		GREASE				AT 3/4 LOAD		89.3 %
PROTECTION GRADE		IP 55				AT FULL LOAD		91 %
SERVICE FACTOR		1.15						
				SPEED (AT FULL LOAD)		3550		RPM
CONDENSER								
		START	-	TORQUE				
		RUN	-			FULL LOAD		4.97 kg-m
ACCESSORIES (OPTIONAL)						LOCKED ROTOR		6.46 kg-m
						BREAKDOWN		9.94 kg-m
		TEMPERATURE DETECTOR	-					
		SPACE HEATER	-					
		SLIDE BASE	-	NOISE LEVEL		90		Db(A)
				MOTOR APPROX. WEIGHT				KG
				PAINTING		BLACK		
REMARKS								
TEFC:Totally Enclosed FanColled				DETE		PREPD BY		CHKD BY
				2022.10.17				
								