

			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		B5				18.5		KW	
ENCLOSURE		TOTALLY ENCLOSED		POLES		2		P	
COOLING METHOD		FC		ROTOR TYPE		SQUIRREL CAGE			
FREQUENCY (HZ)		60 HZ		STARTING METHOD		Y-D			
PHASE		3 PHASE							
INSULATION CLASS		F CLASS		VOLTAGE		380		V	
TEMPERTURE RISE AT FULL LOAD				NO LOAD CURRENT		-		A	
				FULL LOAD CURRENT		34.8		A	
				STARTING CURRENT		251.01		A	
RES. METHOD		80 deg							
THERMO. METHOD		℃							
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		-							
BEARING TYPE		BALL / BALL		POWER FACTOR					
UNLOAD/LOAD BRG.NO		6309ZZ / 6309ZZ C3				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	
컨텐츠									
기동		-		TORQUE					
런		-							
ACCESSORIES (OPTIONAL)									
TEMPERATURE DETECTOR		-		FULL LOAD		4.97		kg-m	
SPACE HEATER		-		LOCKED ROTOR		6.46		kg-m	
SLIDE BASE		-		BREAKDOWN		9.94		kg-m	
				NOISE LEVEL		90		Db(A)	
				MOTOR APPROX. WEIGHT				KG	
				PAINTING		BLACK			
REMARKS									
TEFC:Totally Enclosed FanColled				DETE		PREPD BY		CHKD BY	APPRD BY
				2022.01.17					