



INDUCTION MOTOR DATA SHEET

SHEET 1 OF 1	CUSTOMER		PROJECT#	
FOR PROPOSAL	MODEL NO.	STANDARD	ITEM NO.	
SERVICE :	JOB NO.		QUANTITY	

GENERAL DATA			PERFORMANCE DATA		
FRAME NO.	71M		OUTPUT	1/2	HP
TYPE				400	W
ENCLOSURE	TEFC		POLES	2	P
COOLING METHOD	FAN		ROTOR TYPE	SQUIRREL CAGE	
FREQUENCY (HZ)	60HZ		STARTING METHOD	DOL	
PHASE	1				
INSULATION CLASS	B		VOLTAGE	220	V
TEMPERATURE RISE AT FULL LOAD			NO LOAD CURRENT	1.95	A
	RES. METHOD	80 °C	FULL LOAD CURRENT	3.00	A
	THERMO. METHOD	°C	STARTING CURRENT	13.00	A
LOCATION	OUTDOOR				
ALTITUDE	1000	M 이하	EFFICIENCY		
HUMIDITY	85	%	AT 1/2 LOAD	48.5	%
AMBIENT TEMPERATURE	-15 ~ 40 °C		AT 3/4 LOAD	59.5	%
RATING	S1		AT FULL LOAD	66.0	%
MOUNTING	BASE, FLANGE				
BEARING TYPE	BALL		POWER FACTOR		
UNLOAD/LOAD BRG .NO	6202ZZ / 6203ZZ		AT 1/2 LOAD	79.8	%
BEARING LUBRICATION	GREASE		AT 3/4 LOAD	87.4	%
PROTECTION GRADE	IP54		AT FULL LOAD	92.9	%
SERVICE FACTOR	1.0				
ROTATION DIRECTION			SPEED (AT FULL LOAD)	3450	RPM
CONDENSOR			TORQUE		
	STARTING	N/A	FULL LOAD	0.113	kg-m
	RUN	400V/15uF	LOCKED ROTOR	0.033	kg-m
ACCESSORIES (OPTIONAL)			BREAKDOWN	0.195	kg-m
	TEMPERATURE DETECTOR	NO	PAINTING		
	SPACE HEATER	NO	GRAY		
	SLIDE BASE	NO			

REMARKS	DATE	APPROVED
	01.JAN.20	