



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.	80M(FF165)			OUTPUT	1/2	HP	
TYPE	B5				400	W	
ENCLOSURE	TEFC			POLES	6	P	
COOLING METHOD	FAN			ROTOR TYPE	SQUIRREL CAGE		
FREQUENCY (HZ)	60HZ			STARTING METHOD	DOL		
PHASE	3						
INSULATION CLASS	B			VOLTAGE	220	380	V
TEMPERATURE RISE AT FULL LOAD				NO LOAD CURRENT	1.38	0.80	A
	RES. METHOD	80	°C	FULL LOAD CURRENT	1.95	1.13	A
	THERMO. METHOD		°C	STARTING CURRENT	8.64	5.00	A
LOCATION	INDOOR						
ALTITUDE	1000	M 이하		EFFICIENCY			
HUMIDITY	85	%		AT 1/2 LOAD			%
AMBIENT TEMPERATURE	-15 ~ 40 °C			AT 3/4 LOAD			%
RATING	S1			AT FULL LOAD	72.0		%
MOUNTING	FLANGE						
BEARING TYPE	BALL			POWER FACTOR			
UNLOAD/LOAD BRG .NO	6203ZZ / 6204ZZ			AT 1/2 LOAD			%
BEARING LUBRICATION	GREASE			AT 3/4 LOAD			%
PROTECTION GRADE	IP54			AT FULL LOAD	74.8		%
SERVICE FACTOR	1.0						
ROTATION DIRECTION				SPEED (AT FULL LOAD)	1050		RPM
CONDENSOR				TORQUE			
	STARTING	N/A		FULL LOAD	0.371		kg-m
	RUN	N/A		LOCKED ROTOR	0.801		kg-m
ACCESSORIES (OPTIONAL)				BREAKDOWN	0.794		kg-m
	TEMPERATURE DETECTOR	NO					
	SPACE HEATER	NO					
	SLIDE BASE	NO		PAINTING	GRAY		

REMARKS		DATE	APPRD BY
		01.JAN.20	