



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.		63M(FF115)		OUTPUT		1/4		HP	
TYPE		B5				200		W	
ENCLOSURE		TEFC		POLES		4		P	
COOLING METHOD		FAN		ROTOR TYPE		SQUIRREL CAGE			
FREQUENCY (HZ)		60HZ		STARTING METHOD		DOL			
PHASE		3				50HZ		60HZ	
INSULATION CLASS		B		VOLTAGE		220/380		V	
TEMPERATURE RISE AT FULL LOAD				NO LOAD CURRENT		0.90		0.50	
RES. METHOD		80 °C		FULL LOAD CURRENT		1.16		0.67	
THERMO. METHOD				STARTING CURRENT		3.80		2.20	
LOCATION		OUTDOOR							
ALTITUDE		1000 M 이하		EFFICIENCY					
HUMIDITY		85 %		AT 1/2 LOAD		52.0		%	
AMBIENT TEMPERATURE		-15 ~ 40 °C		AT 3/4 LOAD		58.0		%	
RATING		S1		AT FULL LOAD		64.0		%	
MOUNTING		FLANGE							
BEARING TYPE		BALL		POWER FACTOR					
UNLOAD/LOAD BRG .NO		6202ZZ / 6202ZZ		AT 1/2 LOAD		59.0		%	
BEARING LUBRICATION		GREASE		AT 3/4 LOAD		70.0		%	
PROTECTION GRADE		IP54		AT FULL LOAD		78.0		%	
SERVICE FACTOR		1.0							
ROTATION DIRECTION				SPEED (AT FULL LOAD)		1630		RPM	
CONDENSOR									
STARTING		N/A		TORQUE					
RUN		N/A		FULL LOAD		0.119		kg-m	
ACCESSORIES (OPTIONAL)				LOCKED ROTOR		0.290		kg-m	
TEMPERATURE DETECTOR		NO		BREAKDOWN		0.378		kg-m	
SPACE HEATER		NO							
SLIDE BASE		NO		PAINTING		GRAY			

REMARKS

DATE	APPROVED
01.JAN.20	