



INDUCTION MOTOR DATA SHEET

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

GENERAL DATA				PERFORMANCE DATA			
FRAME NO.	112M(FF215)			OUTPUT	5	HP	
TYPE	B5				3700	W	
ENCLOSURE	TEFC			POLES	4	P	
COOLING METHOD	FAN			ROTOR TYPE	SQUIRREL CAGE		
FREQUENCY (HZ)	60HZ			STARTING METHOD	DOL		
PHASE	3						
INSULATION CLASS	F			VOLTAGE	220	380	V
TEMPERATURE RISE AT FULL LOAD				NO LOAD CURRENT	6.46	3.74	A
	RES. METHOD	105	°C	FULL LOAD CURRENT	13.60	7.90	A
	THERMO. METHOD		°C	STARTING CURRENT	109.00	63.00	A
LOCATION	INDOOR						
ALTITUDE	1000	M -		EFFICIENCY			
HUMIDITY	85	%		AT 1/2 LOAD	87.8	%	
AMBIENT TEMPERATURE	-15 ~ 40 °C			AT 3/4 LOAD	90.8	%	
RATING	S1			AT FULL LOAD	89.5	%	
MOUNTING	FLANGE						
BEARING TYPE	BALL			POWER FACTOR			
UNLOAD/LOAD BRG .NO	6305ZZ / 6206ZZ			AT 1/2 LOAD	61.4	%	
BEARING LUBRICATION	GREASE			AT 3/4 LOAD	72.0	%	
PROTECTION GRADE	IP55			AT FULL LOAD	78.1	%	
SERVICE FACTOR	1.1						
				SPEED (AT FULL LOAD)	1750	RPM	
CONDENSOR				TORQUE			
	STARTING	NO		FULL LOAD	2.063	kg-m	
	RUN	NO		LOCKED ROTOR	4.910	kg-m	
ACCESSORIES (OPTIONAL)				BREAKDOWN	5.800	kg-m	
	TEMPERATURE DETECTOR	NO					
	SPACE HEATER	NO					
	SLIDE BASE	NO		PAINTING	GRAY		

REMARKS		DATE	APPROVED
		01.JAN.20	