



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.	112M	OUTPUT		5	HP			
TYPE	B3			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	BASE							
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	