



# 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.	100L(FF215)			OUTPUT	3	HP	
TYPE	B5				2200	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	4.72	2.73	A
	RES. METHOD	105	°C	FULL LOAD CURRENT	8.29	4.80	A
	THERMO. METHOD		°C	STARTING CURRENT	77.70	45.00	A
LOCATION	INDOOR						
ALTITUDE	1000	M -		EFFICIENCY			
HUMIDITY	85	%		AT 1/2 LOAD	89.0	%	
AMBIENT TEMPERATURE	-15 ~ 40 °C			AT 3/4 LOAD	89.8	%	
RATING	S1			AT FULL LOAD	89.5	%	
MOUNTING	FLANGE						
BEARING TYPE	BALL			POWER FACTOR			
UNLOAD/LOAD BRG .NO	6205ZZ / 6206ZZ			AT 1/2 LOAD	57.0	%	
BEARING LUBRICATION	GREASE			AT 3/4 LOAD	70.1	%	
PROTECTION GRADE	IP55			AT FULL LOAD	78.0	%	
SERVICE FACTOR	1.1						
				SPEED (AT FULL LOAD)	1750	RPM	
CONDENSOR				TORQUE			
	STARTING	NO		FULL LOAD	1.220	kg-m	
	RUN	NO		LOCKED ROTOR	3.320	kg-m	
ACCESSORIES (OPTIONAL)				BREAKDOWN	4.660	kg-m	
	TEMPERATURE DETECTOR	NO					
	SPACE HEATER	NO					
	SLIDE BASE	NO		PAINTING	GRAY		

REMARKS

DATE	APPROVED
01.JAN.20	