



INDUCTION MOTOR DATA SHEET

SHEET 1 OF 1			CUSTOMER				PROJECT#					
FOR PROPOSAL			MODEL NO.		STANDARD		ITEM NO.					
SERVICE : BLDG			JOB NO.				QUANTITY					
GENERAL DATA					PERFORMANCE DATA							
FRAME NO.		90L(FF165)			OUTPUT		1		HP			
TYPE		B5					750		W			
ENCLOSURE		TEFC			POLES		6		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		2.60		1.51		A	
RES. METHOD		105		°C		FULL LOAD CURRENT		3.89		2.25		A
THERMO. METHOD				°C		STARTING CURRENT		24.00		13.90		A
LOCATION		INDOOR										
ALTITUDE		1000		M		EFFICIENCY						
HUMIDITY		85		%		AT 1/2 LOAD		81.1		%		
AMBIENT TEMPERATURE		-15 ~ 40 °C			AT 3/4 LOAD		83.8		%			
RATING		CONTINUOUS			AT FULL LOAD		82.5		%			
MOUNTING		FLANGE										
BEARING TYPE		BALL			POWER FACTOR							
UNLOAD/LOAD BRG .NO		6204ZZ / 6205ZZ			AT 1/2 LOAD		40.2		%			
BEARING LUBRICATION		GREASE			AT 3/4 LOAD		51.9		%			
PROTECTION GRADE		IP55			AT FULL LOAD		60.8		%			
SERVICE FACTOR		1.1										
					SPEED (AT FULL LOAD)		1140		RPM			
CONDENSER												
STARTING		NO			TORQUE							
RUN		NO			FULL LOAD		0.641		kg-m			
ACCESSORIES (OPTIONAL)					LOCKED ROTOR		2.046		kg-m			
TEMPERATURE DETECTOR		NO			BREAKDOWN		2.115		kg-m			
SPACE HEATER		NO										
SLIDE BASE		NO			PAINTING		GRAY					

REMARKS

DATE

APPRD BY

01.JAN.20