



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.		90L(FF165)		OUTPUT		3		HP	
TYPE		B5				2200		W	
ENCLOSURE		TEFC		POLES		2		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		3.4		1.97 A	
RES. METHOD		105 °C		FULL LOAD CURRENT		7.72		4.47 A	
THERMO. METHOD				STARTING CURRENT		70.50		40.80 A	
LOCATION		INDOOR							
ALTITUDE		1000 M -		EFFICIENCY					
HUMIDITY		85 %							
AMBIENT TEMPERATURE		-15 ~ 40 °C							
RATING		S1							
MOUNTING		FLANGE							
BEARING TYPE		BALL		POWER FACTOR					
UNLOAD/LOAD BRG .NO		6204ZZ / 6205ZZ							
BEARING LUBRICATION		GREASE							
PROTECTION GRADE		IP55							
SERVICE FACTOR		1.1							
				SPEED (AT FULL LOAD)		3450		RPM	
CONDENSOR									
STARTING		NO		TORQUE					
RUN		NO							
ACCESSORIES (OPTIONAL)									
TEMPERATURE DETECTOR		NO		FULL LOAD		0.620		kg-m	
SPACE HEATER		NO		LOCKED ROTOR		2.492		kg-m	
SLIDE BASE		NO		BREAKDOWN		2.752		kg-m	
				PAINTING		GRAY			

REMARKS

DATE

APPROVED

20.02.12