



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.	90L		OUTPUT	3	HP		
TYPE	B3			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	°C	STARTING CURRENT	70.50	40.80	A	
LOCATION	INDOOR						
ALTITUDE	1000	M -	EFFICIENCY				
HUMIDITY	85	%	AT 1/2 LOAD	89.9	%		
AMBIENT TEMPERATURE	-15 ~ 40 °C		AT 3/4 LOAD	88.3	%		
RATING	S1		AT FULL LOAD	86.5	%		
MOUNTING	BASE						
BEARING TYPE	BALL		POWER FACTOR				
UNLOAD/LOAD BRG .NO	6204ZZ / 6205ZZ		AT 1/2 LOAD	69.0	%		
BEARING LUBRICATION	GREASE		AT 3/4 LOAD	80.8	%		
PROTECTION GRADE	IP55		AT FULL LOAD	86.1	%		
SERVICE FACTOR	1.1						
			SPEED (AT FULL LOAD)	3450	RPM		
CONDENSOR			TORQUE				
	STARTING	NO	FULL LOAD	0.620	kg-m		
	RUN	NO	LOCKED ROTOR	2.492	kg-m		
ACCESSORIES (OPTIONAL)			BREAKDOWN	2.752	kg-m		
	TEMPERATURE DETECTOR	NO					
	SPACE HEATER	NO					
	SLIDE BASE	NO	PAINING	GRAY			

REMARKS		DATE	APPROVED
		20.02.12	