



# 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.	80M		OUTPUT	1	HP		
TYPE	B3			750	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	2.25	1.30	A	
	RES. METHOD	105 °C	FULL LOAD CURRENT	3.38	1.96	A	
	THERMO. METHOD	°C	STARTING CURRENT	23.70	13.70	A	
LOCATION	INDOOR						
ALTITUDE	1000	M	EFFICIENCY				
HUMIDITY	85	%	AT 1/2 LOAD	82.0	%		
AMBIENT TEMPERATURE	-15 ~ 40 °C		AT 3/4 LOAD	83.9	%		
RATING	S1		AT FULL LOAD	83.5	%		
MOUNTING	BASE						
BEARING TYPE	BALL		POWER FACTOR				
UNLOAD/LOAD BRG .NO	6203ZZ / 6204ZZ		AT 1/2 LOAD	46.8	%		
BEARING LUBRICATION	GREASE		AT 3/4 LOAD	60.1	%		
PROTECTION GRADE	IP55		AT FULL LOAD	70.0	%		
SERVICE FACTOR	1.1						
			SPEED (AT FULL LOAD)	1730	RPM		
CONDENSOR			TORQUE				
	STARTING	N/A	FULL LOAD	0.422	kg-m		
	RUN	N/A	LOCKED ROTOR	1.456	kg-m		
ACCESSORIES (OPTIONAL)			BREAKDOWN	1.520	kg-m		
	TEMPERATURE DETECTOR	NO					
	SPACE HEATER	NO					
	SLIDE BASE	NO	PAINING	GRAY			

REMARKS		DATE	APPRD BY
		01.JAN.20	