



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.	112M		OUTPUT	7.5	HP	
TYPE	B33			5500	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	6.49	3.76	A
	RES. METHOD	105 °C	FULL LOAD CURRENT	20	11.6	A
	THERMO. METHOD	°C	STARTING CURRENT	176.00	102.00	A
LOCATION	OUTDOOR					
ALTITUDE	1000	M 이하	EFFICIENCY			
HUMIDITY	85	%	AT 1/2 LOAD 88.9 %			
AMBIENT TEMPERATURE	-15 ~ 40 °C		AT 3/4 LOAD 90.7 %			
RATING	S1		AT FULL LOAD 89.5 %			
MOUNTING	BASE					
BEARING TYPE	BALL		POWER FACTOR			
UNLOAD/LOAD BRG .NO	6206ZZ / 6208ZZ		AT 1/2 LOAD 58.4 %			
BEARING LUBRICATION	GREASE		AT 3/4 LOAD 71.6 %			
PROTECTION GRADE	IP55		AT FULL LOAD 79.7 %			
SERVICE FACTOR	1.1					
ROTATION DIRECTION			SPEED (AT FULL LOAD)	3500	RPM	
CONDENSOR						
	STARTING	N/A	TORQUE			
	RUN	N/A	FULL LOAD 1.532 kg-m			
ACCESSORIES (OPTIONAL)			LOCKED ROTOR 4.678 kg-m			
	TEMPERATURE DETECTOR	NO	BREAKDOWN 6.616 kg-m			
	SPACE HEATER	NO				
	SLIDE BASE	NO	PAINTING	GRAY		

REMARKS

DATE	APROVED
01.JAN.20	