



# 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.	71M	OUTPUT	1/2	HP	
TYPE	B3		400	W	
ENCLOSURE	TEFC	POLES	2	P	
COOLING METHOD	FAN	ROTOR TYPE	SQUIRREL CAGE		
FREQUENCY (HZ)	60HZ	STARTING METHOD	DOL		
PHASE	3				
INSULATION CLASS	B	VOLTAGE	220	380	V
TEMPERATURE RISE AT FULL LOAD		NO LOAD CURRENT	1.20	0.70	A
	RES. METHOD 80 °C	FULL LOAD CURRENT	2.07	1.20	A
	THERMO. METHOD °C	STARTING CURRENT	11.00	6.40	A
LOCATION	OUTDOOR				
ALTITUDE	1000	M 이하	EFFICIENCY		
HUMIDITY	85	%	AT 1/2 LOAD	73.8	%
AMBIENT TEMPERATURE	-15 ~ 40 °C		AT 3/4 LOAD	78.5	%
RATING	S1		AT FULL LOAD	78.0	%
MOUNTING	BASE				
BEARING TYPE	BALL		POWER FACTOR		
UNLOAD/LOAD BRG .NO	6202ZZ / 6203ZZ		AT 1/2 LOAD	56.3	%
BEARING LUBRICATION	GREASE		AT 3/4 LOAD	69.5	%
PROTECTION GRADE	IP54		AT FULL LOAD	77.0	%
SERVICE FACTOR	1.0				
ROTATION DIRECTION			SPEED (AT FULL LOAD)	3480	RPM
CONDENSOR		TORQUE			
	STARTING	N/A	FULL LOAD	0.110	kg-m
	RUN	N/A	LOCKED ROTOR	0.290	kg-m
ACCESSORIES (OPTIONAL)		BREAKDOWN			
	TEMPERATURE DETECTOR	NO	0.330 kg-m		
	SPACE HEATER	NO			
	SLIDE BASE	NO	PAINTING		
				GRAY	

REMARKS					
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">DATE</td> <td style="width: 50%;">APPROVED</td> </tr> <tr> <td>01.JAN.20</td> <td style="text-align: center;"></td> </tr> </table>	DATE	APPROVED	01.JAN.20	
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