



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.		132M		OUTPUT		7.5		HP	
TYPE		B3				5500		W	
ENCLOSURE		TEFC		POLES		6		P	
COOLING METHOD		FAN		ROTOR TYPE		SQUIRREL CAGE			
FREQUENCY (HZ)		60HZ		STARTING METHOD		DOL			
PHASE		3							
INSULATION CLASS		F		VOLTAGE		220		380	
TEMPERATURE RISE AT FULL LOAD				NO LOAD CURRENT		10.4		6.3	
RES. METHOD		105 °C		FULL LOAD CURRENT		21.6		12.5	
THERMO. METHOD		°C		STARTING CURRENT		124.0		71.8	
LOCATION		OUTDOOR							
ALTITUDE		1000 M 이하		EFFICIENCY					
HUMIDITY		85 %		AT 1/2 LOAD		90.2		%	
AMBIENT TEMPERATURE		-15 ~ 40 °C		AT 3/4 LOAD		90.7		%	
RATING		S1		AT FULL LOAD		91.0		%	
MOUNTING		BASE							
BEARING TYPE		BALL		POWER FACTOR					
UNLOAD/LOAD BRG .NO		6307ZZ / 6208ZZ		AT 1/2 LOAD		56.3		%	
BEARING LUBRICATION		GREASE		AT 3/4 LOAD		67.8		%	
PROTECTION GRADE		IP55		AT FULL LOAD		74.0		%	
SERVICE FACTOR		1.1							
				SPEED (AT FULL LOAD)		1170		RPM	
CONDENSOR									
STARTING		N/A		TORQUE					
RUN		N/A		FULL LOAD		4.581		kg-m	
ACCESSORIES (OPTIONAL)				LOCKED ROTOR		12.826		kg-m	
TEMPERATURE DETECTOR		NO		BREAKDOWN		13.010		kg-m	
SPACE HEATER		NO							
SLIDE BASE		NO		PAINTING		GRAY			

REMARKS

DATE	APPROVED
01.JAN.20	