



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.		160L			OUTPUT			20		HP			
TYPE		B3, B5						15000		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		19.0		11.0		A		
RES. METHOD		105		°C		FULL LOAD CURRENT		51.0		29.5		A	
THERMO. METHOD				°C		STARTING CURRENT		362.0		210.0		A	
LOCATION		OUTDOOR											
ALTITUDE		1000		M 이하		EFFICIENCY							
HUMIDITY		85		%									
AMBIENT TEMPERATURE		-15 ~ 40 °C											
RATING		S1											
MOUNTING		BASE											
BEARING TYPE		BALL			POWER FACTOR								
UNLOAD/LOAD BRG .NO		6308ZZ / 6309ZZ											
BEARING LUBRICATION		GREASE											
PROTECTION GRADE		IP55											
SERVICE FACTOR		1.1											
ROTATION DIRECTION					SPEED (AT FULL LOAD)		1760				RPM		
CONDENSOR													
STARTING		N/A			TORQUE								
RUN		N/A											
FULL LOAD		8.3		kg-m									
LOCKED ROTOR		20.3		kg-m									
ACCESSORIES (OPTIONAL)					BREAKDOWN		22.8				kg-m		
TEMPERATURE DETECTOR		NO											
SPACE HEATER		NO											
SLIDE BASE		NO			PAINTING		GRAY						

REMARKS

DATE	APPROVED
2021. 01.01	T.G.KIM