



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.		90L			OUTPUT		2		HP						
TYPE		B3					1500		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		3.60		2.10		A				
RES. METHOD		105		°C	FULL LOAD CURRENT		5.96		3.45		A				
THERMO. METHOD				°C	STARTING CURRENT		36.00		20.80		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		6204ZZ / 6205ZZ													
BEARING LUBRICATION		GREASE													
PROTECTION GRADE		IP55													
SERVICE FACTOR		1.1													
ROTATION DIRECTION					SPEED (AT FULL LOAD)		1735		RPM						
CONDENSOR															
STARTING		N/A			TORQUE										
RUN		N/A													
FULL LOAD												0.842		kg-m	
LOCKED ROTOR												3.290		kg-m	
ACCESSORIES (OPTIONAL)					BREAKDOWN		3.330		kg-m						
TEMPERATURE DETECTOR		NO			PAINTING										
SPACE HEATER		NO													
SLIDE BASE		NO													
							GRAY								

REMARKS

DATE	APPROVED
2024. 12.12	T.G.KIM