



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(FF165)		OUTPUT		2	HP	
TYPE	B5				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		AT 1/2 LOAD	85.6	%		
MOUNTING	FLANGE		AT 3/4 LOAD	87.2	%		
BEARING TYPE	BALL		AT FULL LOAD	86.5	%		
UNLOAD/LOAD BRG .NO	6204ZZ / 6205ZZ		POWER FACTOR				
BEARING LUBRICATION	GREASE						
PROTECTION GRADE	IP55						
SERVICE FACTOR	1.1		AT 1/2 LOAD	53.7	%		
ROTATION DIRECTION	C.W / C.C.W		AT 3/4 LOAD	67.1	%		
CONDENSOR			AT FULL LOAD	75.9	%		
	STARTING	N/A	TORQUE				
	RUN	N/A					
ACCESSORIES (OPTIONAL)							
	TEMPERATURE DETECTOR	NO	FULL LOAD	0.842	kg-m		
	SPACE HEATER	NO	LOCKED ROTOR	3.290	kg-m		
	SLIDE BASE	NO	BREAKDOWN	3.330	kg-m		
			PAINING	GRAY			

REMARKS

DATE	APPROVED
2024. 12.12	T.G.KIM