



# 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.	160M		OUTPUT	15		HP	
TYPE	B35			11000		W	
ENCLOSURE	TEFC		POLES	2		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	10.4	6.0	A	
	RES. METHOD	105 °C	FULL LOAD CURRENT	35.0	20.2	A	
	THERMO. METHOD	°C	STARTING CURRENT	260.0	150.0	A	
LOCATION	OUTDOOR						
ALTITUDE	1000	M 이하	EFFICIENCY				
HUMIDITY	85	%	AT 1/2 LOAD	89.0	%		
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	6308ZZ / 6309ZZ		AT 1/2 LOAD	81.5	%		
BEARING LUBRICATION	GREASE		AT 3/4 LOAD	85.0	%		
PROTECTION GRADE	IP55		AT FULL LOAD	86.5	%		
SERVICE FACTOR	1.1						
ROTATION DIRECTION			SPEED (AT FULL LOAD)	3500	RPM		
CONDENSOR							
	STARTING	N/A	TORQUE				
	RUN	N/A	FULL LOAD	3.027	kg-m		
ACCESSORIES (OPTIONAL)			LOCKED ROTOR	7.870	kg-m		
	TEMPERATURE DETECTOR	NO	BREAKDOWN	9.262	kg-m		
	SPACE HEATER	NO					
	SLIDE BASE	NO	PAINTING	GRAY			

REMARKS

DATE	APPROVED
2022. 01.01	T.G.KIM