

MOTOR SPECIFICATION SHEET

MODEL : SF-PRO 2.2kW 4P IP55

USED FOR : 200V CLASS

MANUFACTURER : MITSUBISHI ELECTRIC AUTOMATION (THAILAND) CO.,LTD.

DESCRIPTION	DETAIL		
PHASE	3		
MODEL NAME	SF-PRO		
RATED OUTPUT	2.2 kW		
POLE	4		
CODE	MEATH CODE : 1M002F-400220LJDI0		
OUTLINE DRAWING NO.	ONM04O420-A		
RATED VOLTAGE (V)	200	200	
RATED FREQUENCY (Hz)	50	60	
RATED CURRENT (A)	9.6	8.8	
RATED SPEED (min ⁻¹)	1450	1745	
RATED EFFICIENCY (%)	88.2	89.9	
EFFICIENCY CLASS	IE3		
THERMAL CLASS	120(E)		
RATING	S1 (CONTINUOUS)		
ENCLOSURE CONSTRUCTION	TOTALLY ENCLOSED FAN COOLED		
DEGREES OF PROTECTION	IP55 (OUTDOOR DUST&WATER JET PROOF)		
METHOD OF COOLING	IC411		
FRAME NO.	100L		
WEIGHT (kg)	29		
STANDARD	IEC 60034-1, IEC 60034-30-1		
INSTALLATION	FOOT MOUNTED		
ROTATION	CCW (VIEWED FROM SHAFT END)		
BEARING	LOAD SIDE	: 6206ZZ	
	OPPOSITE SIDE	: 6205ZZ	
BEARING GREASE	UREA GREASE		
NOISE (dB.A) *	50Hz : 54 / 60Hz : 59		
VIBRATION	V10		
CIRCUMSTANCE CONDITION	AMBIENT TEMPERATURE	: -30 ~ +40°C	
	AMBIENT HUMIDITY	: 100%RH (NO CONDENSATION)	
	ABOVE SEA LEVEL	: 1000m OR LESS	
	ENVIRONMENT	: NO CORROSIVE/EXPLOSIVE GAS, NO STEAM OR CONDENSATION, MINIMAL DUST.	
COLOR	MUNSELL N7 (GRAY)		
TERMINAL BOX	NO. OF LEAD WIRES	: 3	
	SOURCE CONNECTION	: TERMINAL BLOCK	
SHAFT SWING	≤0.03mm		
MATERIAL	FRAME	: STEEL PLATE	
	BRACKET	: ALUMINIUM	
	SHAFT	: CARBON STEEL	
	STATOR CORE	: ELECTRICAL STEEL	
	WIRE	: ENAMELLED COPPER MAGNET WIRE	
	ROTOR CORE	: ELECTRICAL STEEL	
	CONDUCTOR	: ALUMINIUM	
	TERMINAL BOX	: STEEL PLATE	
	PAINTING	: POLYURETHANE RESIN	
PRODUCTION COUNTRY	THAILAND		

*Value indicates representative value, not guaranteed value.

Specifications subject to change without notice.

SPECIFICATION SHEET NO.				
SS-N-0093-A				

