

MOTOR SPECIFICATION SHEET

MODEL : SF-PRVO 3.7kW 4P

USED FOR : 400V CLASS

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

DESCRIPTION	DETAIL				
PHASE	3				
MODEL NAME	SF-PRVO				
RATED OUTPUT	3.7 kW				
POLE	4				
CODE	MEATH CODE : 1M002V-400370PVNH0				
OUTLINE DRAWING NO.	ONM14O809-A				
RATED VOLTAGE (V)	380	400	415	400	
RATED FREQUENCY (Hz)	50	50	50	60	
RATED CURRENT (A)	7.8	7.7	7.5	7.2	
RATED SPEED (min ⁻¹)	1445	1450	1455	1745	
RATED EFFICIENCY	88.6%	89.2%	89.4%	89.8%	
EFFICIENCY CLASS	IE3				
THERMAL CLASS	120 (E)				
RATING	S1 (CONTINUOUS)				
ENCLOSURE CONSTRUCTION	TOTALLY ENCLOSED FAN COOLED				
DEGREES OF PROTECTION	IP55				
METHOD OF COOLING	IC411				
FRAME NO.	112M				
WEIGHT (kg)	42				
STANDARD	JIS C 4213 / JEC-2110:2017				
INSTALLATION	FLANGE MOUNTED (VERTICAL)				
ROTATION	CCW (VIEWED FROM SHAFT END)				
BEARING	LOAD SIDE : 6207ZZ				
	OPPOSITE SIDE : 6206ZZ				
BEARING GREASE	UREA GREASE				
NOISE (dB.A)*	50Hz : 57 / 60Hz : 61				
VIBRATION	V10				
CIRCUMSTANCE CONDITION	AMBIENT TEMPERATURE : -30 ~ +40°C				
	AMBIENT HUMIDITY : 100% RH (NO CONDENSATION)				
	ABOVE SEA LEVEL : 1000m OR BELOW				
	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 LOAD SIDE : CAST IRON (FLANGE)				
	OPPOSITE SIDE : ALUMINIUM				
	SHAFT : CARBON STEEL				
	STATOR CORE : ELECTRICAL STEEL				
	WIRE : ENAMELLED COPPER MAGNET WIRE				
	ROTOR CORE : ELECTRICAL STEEL				
	CONDUCTOR : ALUMINIUM				
	TERMINAL BOX : STEEL PLATE				
	PAINTING : ALKYD-NITROCELLULOSE RESIN				
PRODUCTION COUNTRY	THAILAND				

*Value indicates representative value, not guaranteed value.

Specifications subject to change without notice.

SPECIFICATION SHEET NO.				
SS-N-1406-A				

MODEL SF-PRVO THREE PHASE INDUCTION MOTOR OUTLINE DRAWING

OUTDOOR DUST & WATER JET PROOF MOTOR

TOTALLY ENCLOSED FAN COOLED TYPE

DEGREES OF PROTECTION IP55

FLANGE NO. FF215

CUSTOMER

USER

FOR

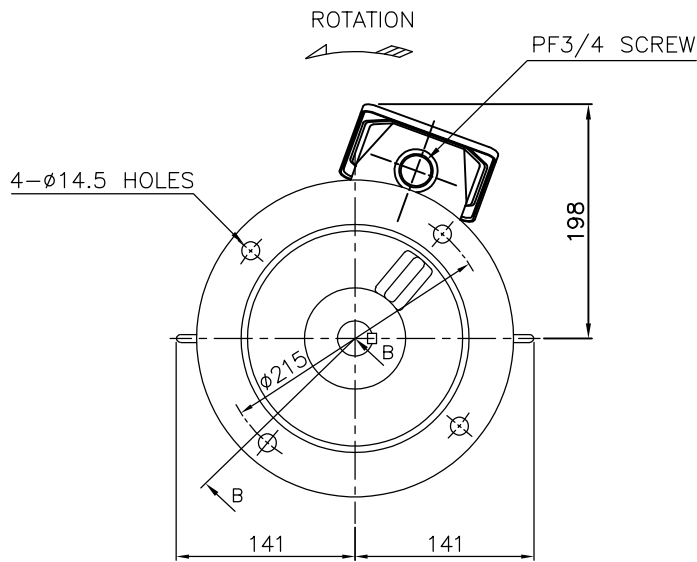
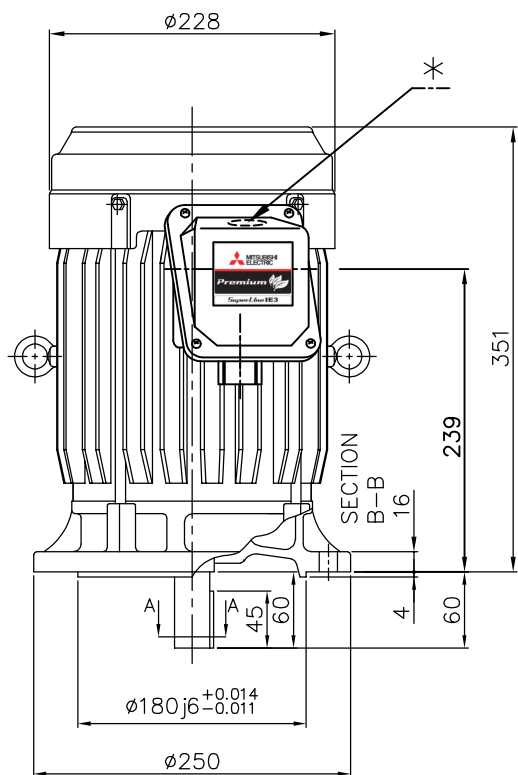
CUSTOMER'S

ORDER NO.

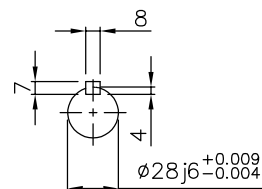
QUANTITY

MFG.

ORDER NO.



BOTTOM VIEW OF SHAFT END



SECTION A-A

REMARK:

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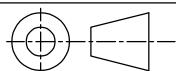
NOTE :

GAP OF HOLE BETWEEN SHAFT-BRACKET HAVE NOT PROTECTION WATER PROOF SO PLEASE SEAL WITH FLANGE IN-ROW BY YOUR SELF.

FRAME SIZE	RATING	TH. CLASS	AMB. TEMP.	BEARINGS		COLOR	DIRECTION OF ROTATION (VIEWED FROM SHAFT END)	NO. OF TERMINALS	REMARKS
				LOAD SIDE	OPP. SIDE				
112M	S1 (CONT.)	120(E)	40°C	6207ZZ	6206ZZ	GRAY (MUNSELL N7)	CCW	3	

OUTPUT		RATE VOLTAGE	IE CODE-RATED EFF.				MASS(kg)
			380V	50Hz 400V	415V	60Hz 400V	
3.7	4	380/400/415V 50Hz 400V 60Hz	IE3-88.6%	IE3-89.2%	IE3-89.4%	IE3-89.8%	42

MITSUBISHI ELECTRIC AUTOMATION(THAILAND)CO.,LTD



DIMENSION IN mm.

SCALE : NTS

OUTLINE DRAWING NO.

0 N M 1 4 0 8 0 9

REV.

A