



**MITSUBISHI ELECTRIC AUTOMATION (THAILAND) CO., LTD.**

Bang-Chan Industrial Estate No. 111 Moo 4, Serithai Rd., T.Kannayao, A.Kannayao, BKK 10230 Thailand  
 Tel: (66) 2517-1326, (66) 2919-9873 Fax: (66) 2517-1328 URL: www.meath-co.com E-mail: support@meath.co.th

**บริษัท มิตซูบิชิ อิเล็กทริก ออโตเมชัน (ประเทศไทย) จำกัด**

นิคมอุตสาหกรรมบางชัน เลขที่ 111 หมู่ 4 ถนนเสรีไทย แขวงคันนายาว เขตคันนายาว กทม. 10230  
 โทรศัพท์: (66) 2517-1326, (66) 2919-9873 โทรสาร: (66) 2517-1328 URL: www.meath-co.com E-mail: support@meath.co.th

**MOTOR SPECIFICATION SHEET**

MODEL : SF-PRF 15kW 4P  
 USED FOR : 380V 50Hz  
 MANUFACTURER : MITSUBISHI ELECTRIC CORPORATION

DESCRIPTION	DETAIL
PHASE	3
MODEL NAME	SF-PRF
RATED OUTPUT	15 kW
POLE	4
CODE	
OUTLINE DRAWING NO.	BD39393-*
RATED VOLTAGE (V)	380
RATED FREQUENCY (Hz)	50
RATED CURRENT (A)	29.5
RATED SPEED (min <sup>-1</sup> )	1460
RATED EFFICIENCY	92.6%
EFFICIENCY CLASS	IE3
THERMAL CLASS	130 (B)
RATING	S1 (CONTINUOUS)
ENCLOSURE CONSTRUCTION	TOTALLY ENCLOSED FAN COOLED
DEGREES OF PROTECTION	IP44
METHOD OF COOLING	IC411
FRAME NO.	160L
WEIGHT (kg)	130
STANDARD	JIS C 4213, JEC-2137-2000
INSTALLATION	FLANGE MOUNTED (HORIZONTAL)
ROTATION	CCW (VIEWED FROM SHAFT END)
BEARING	LOAD SIDE : 6309ZZ OPPOSITE SIDE : 6308ZZ
BEARING GREASE	UREA GREASE
NOISE (dB.A)*	64
VIBRATION	V15
CIRCUMSTANCE	AMBIENT TEMPERATURE : -30 ~ +40°C
CONDITION	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 : 6 SOURCE CONNECTION : LEAD WIRES
SHAFT SWING	≤0.05mm
MATERIAL	FRAME : STEEL PLATE BRACKET LOAD SIDE : CAST IRON 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 : ACRYLIC RESIN
PRODUCTION COUNTRY	JAPAN

\*Value indicates representative value, not guaranteed value.

Specifications subject to change without notice.

<b>SPECIFICATION SHEET NO.</b>				
SS-M-3683-A				

# TYPE SF-PRF SUPER-LINE THREE PHASE INDUCTION MOTOR

OUT LINE  
DIMENSION IN mm

INDOOR USE TYPE

TOTALLY ENCLOSED FAN COOLED  
PROTECTION DEGREE IP44 , COOLING METHOD IC411  
FLANGE NO. FF300 FRAME NO. 160L

CUSTOMER

USER

FOR

CUST'S ORDER NO.

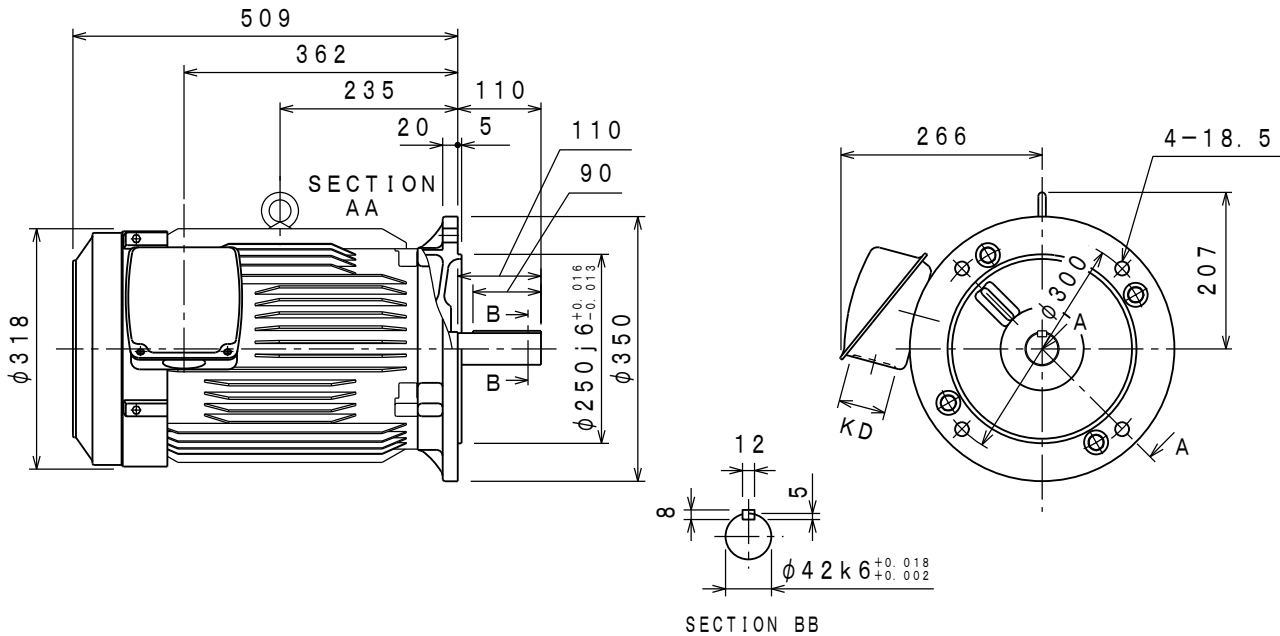
QUANTITY

UNIT (S)

MFG ORDER NO.

YOUR ORDER	kW · POLES	VOLT	HERTZ	MASS kg/UNIT	STYLE NO.
	15kW 4P	380V	50Hz	130	

IE Code-Rated Eff		
15kW	4P	IE3-92.6%



RATING	TH. CLASS	AMB. TEMP	BEARINGS		NO. OF TERMINALS	VIEWED FROM DRIVE END		COLOUR	KD
			LOAD SIDE	OPPOSITE SIDE		DIRECT. OF TERMINAL BOX	ROTATION		
S1	130 (B)	40° C	6309ZZ	6308ZZ	6	A (LEFT)	CCW	MUNSELL N7	φ56

	DRAWN	APPROVED
SCALE NTS		
DATE MAR. 12. '19		

CAD(2D)

MITSUBISHI ELECTRIC CORP., JAPAN  
NAGOYA WORKS

CHANGE			

図面  
番号  
NO. **BD39393-\***