



**MITSUBISHI ELECTRIC AUTOMATION (THAILAND) CO., LTD.**  
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**บริษัท มิตซูบิชิ อิเล็กทริก ออโตเมชัน (ประเทศไทย) จำกัด**

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**MOTOR SPECIFICATION SHEET**

MODEL : SF-PRV 22kW 4P  
 USED FOR : 380V 50Hz  
 MANUFACTURER : MITSUBISHI ELECTRIC CORPORATION

DESCRIPTION	DETAIL
PHASE	3
MODEL NAME	SF-PRV
RATED OUTPUT	22 kW
POLE	4
CODE	
OUTLINE DRAWING NO.	BD39308-*
RATED VOLTAGE (V)	380
RATED FREQUENCY (Hz)	50
RATED CURRENT (A)	42
RATED SPEED (min <sup>-1</sup> )	1475
RATED EFFICIENCY	93.7%
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.	180M
WEIGHT (kg)	175
STANDARD	JIS C 4213, JEC-2137-2000
INSTALLATION	FLANGE MOUNTED (VERTICAL)
ROTATION	CCW (VIEWED FROM SHAFT END)
BEARING	LOAD SIDE : 6311ZZ OPPOSITE SIDE : 6310ZZ
BEARING GREASE	UREA GREASE
NOISE (dB.A)*	66
VIBRATION	V15
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 : 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-3655-A				

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

OUT LINE  
DIMENSION IN mm

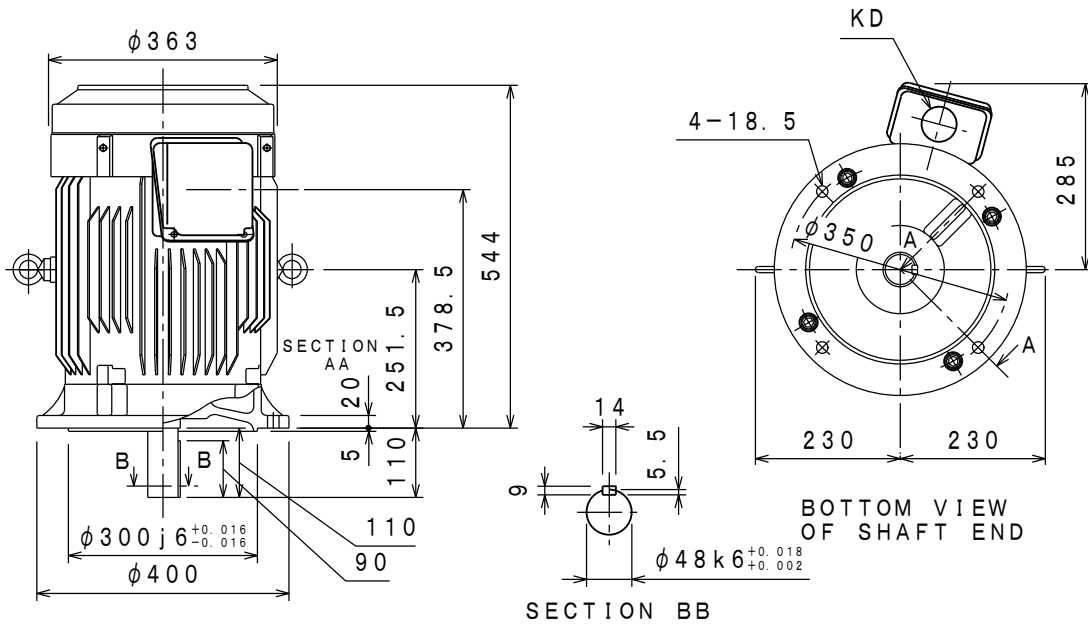
INDOOR USE TYPE

TOTALLY ENCLOSED FAN COOLED  
PROTECTION DEGREE IP44 , COOLING METHOD IC411  
FLANGE NO. FF350 FRAME NO. 180M

CUSTOMER \_\_\_\_\_  
USER \_\_\_\_\_  
FOR \_\_\_\_\_  
CUST'S ORDER NO. \_\_\_\_\_  
QUANTITY \_\_\_\_\_ UNIT (S) \_\_\_\_\_  
MFG ORDER NO. \_\_\_\_\_

YOUR ORDER	kW · POLES	VOLT	HERTZ	MASS kg/UNIT	STYLE No.
	22 kW 4P	380V	50Hz	175	

IE Code-Rated Eff	
22 kW 4P	IE3-93.7%



	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	6311ZZ	6310ZZ	6	-	CCW	MUNSELL N7	$\phi 56$

	DRAWN	APPROVED
SCALE NTS		
DATE Mar. 08.' 19		

MITSUBISHI ELECTRIC CORP., JAPAN  
NAGOYA WORKS

CHANGE			

图面  
番号  
DWG. NO. **BD39308-\***

CAD(2D)