

**MOTOR SPECIFICATION SHEET**

MODEL : SF-J 20HP 4P (LT)

USED FOR : STANDARD

DESCRIPTION	DETAIL					
PHASE	3					
MODEL NAME	SF-J					
RATED OUTPUT, HP (kW)	20 (15)					
POLE	4					
CODE	MEATH CODE : 1M002F-401500J-FY1					
OUTLINE DRAWING NO.	OMM34O022-C					
RATED VOLTAGE (V)	220	380	415	220	440	
RATED FREQUENCY (Hz)	50	50	50	60	60	
RATED CURRENT (A)	52	30	31	49	26	
RATED SPEED (min <sup>-1</sup> )	1450	1450	1460	1740	1760	
THERMAL CLASS	155(F)					
RATING	S1 (CONTINUOUS)					
ENCLOSURE CONSTRUCTION	TOTALLY ENCLOSED FAN COOLED					
DEGREES OF PROTECTION	IP55					
METHOD OF COOLING	IC411					
FRAME NO.	160L					
WEIGHT (kg)	135					
STANDARD	IEC 60034-1, JEC-2137-2000					
INSTALLATION	FOOT MOUNTED					
ROTATION	CCW (VIEWED FROM SHAFT END)					
BEARING	LOAD SIDE : 6309ZZ					
	OPPOSITE SIDE : 6308ZZ					
BEARING GREASE	UREA GREASE					
NOISE (dB.A)	82					
VIBRATION	V15					
CIRCUMSTANCE CONDITION	AMBIENT TEMPERATURE : -20 ~ +40°C					
	AMBIENT HUMIDITY : 95%RH OR LESS					
	ABOVE SEA LEVEL : 1000m OR LESS					
	ENVIRONMENT : NO BURSTING/EROSIVE GAS OR VAPOR					
COLOR	MUNSELL N5.5 (GRAY)					
TERMINAL BOX	NO. OF LEAD WIRES : 6					
	SOURCE CONNECTION : LEAD WIRES					
INSULATION RESISTANCE	BY DC 500V MEGGER - ≥100MΩ					
DIELECTRIC TEST	AC 50Hz 1800V - 1min. (Based on rated voltage 380V)					
SHAFT SWING	≤0.05mm					
MATERIAL	FRAME : CAST IRON					
	BRACKET : CAST IRON					
	SHAFT : CARBON STEEL					
	STATOR CORE : ELECTRICAL STEEL					
	WIRE : ENAMELLED COPPER MAGNET WIRE					
	INSULATOR : POLYESTER FILM SATURATED WITH RESIN					
	VARNISH : EPOXY DENATURALIZATION POLYESTER					
	ROTOR CORE : ELECTRICAL STEEL					
	CONDUCTOR : ALUMINIUM					
	TERMINAL BOX : STEEL PLATE					
	PAINTING : POLYURETHANE RESIN					
PRODUCTION COUNTRY	THAILAND					

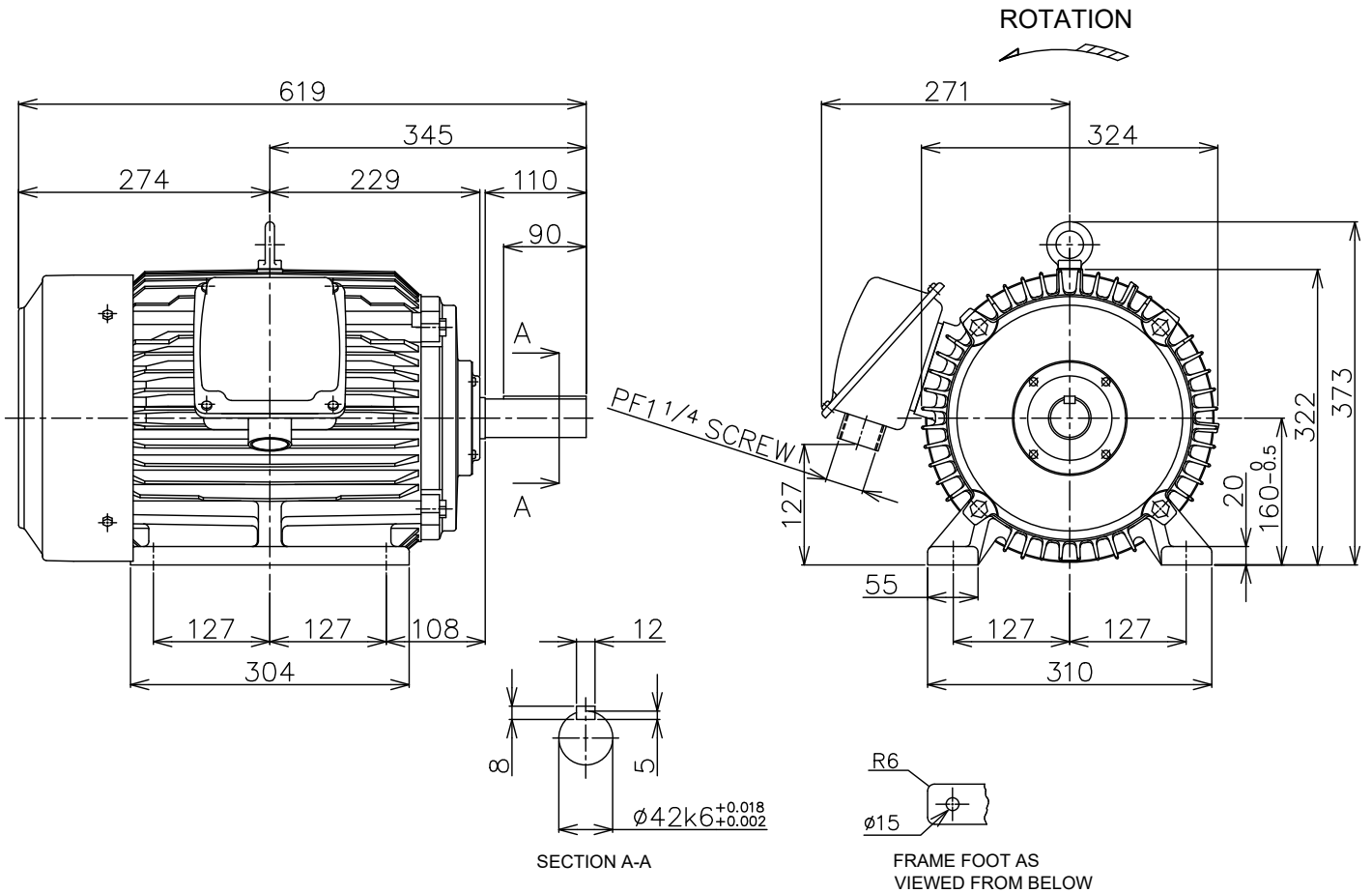
Specifications subject to change without notice.

<b>SPECIFICATION SHEET NO.</b>				
SS-M-3146-B				

# MODEL SF-J THREE PHASE INDUCTION MOTOR OUTLINE DRAWING

TOTALLY ENCLOSED FAN COOLED TYPE  
 DEGREES OF PROTECTION IP55  
 DUST & WATER JET PROOF

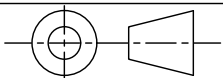
CUSTOMER \_\_\_\_\_  
 USER \_\_\_\_\_  
 FOR \_\_\_\_\_  
 CUSTOMER'S ORDER NO. \_\_\_\_\_  
 QUANTITY \_\_\_\_\_  
 MFG. ORDER NO. \_\_\_\_\_



FRAME SIZE	RATING	TH. CLASS	AMB. TEMP.	BEARINGS		COLOR	DIRECTION OF ROTATION	NO. OF LEAD WIRES	REMARKS
				LOAD SIDE	OPP. SIDE				
160L	S1 (CONT.)	155(F)	40°C	6309ZZ	6308ZZ	GRAY (MUNSELL N5.5)	CCW	6	

YOUR ORDER	OUTPUT		POLES	VOLT	HERTZ	REMARKS
	HP	KW				
	25	18.5	2	220/380/415	50	LT
				220/440	60	
	20	15	4	220/380/415	50	LT
				220/440	60	
	15	11	6	220/380/415	50	LT
				220/440	60	
	25	18.5	2	380/415	50	HT
				380/440	60	
	20	15	4	380/415	50	HT
				380/440	60	
	15	11	6	380/415	50	HT
				380/440	60	

MITSUBISHI ELECTRIC AUTOMATION (THAILAND) CO., LTD.



DIMENSION IN mm.  
 SCALE : NTS

OUTLINE DRAWING NO.

0 M M 3 4 0 0 2 2

REV.

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