

MOTOR SPECIFICATION SHEET

MODEL : SF-JRFB 1/4HP 6P (LT)

USED FOR : BRAKE MOTOR

| DESCRIPTION | DETAIL | | | | | |
|---|---|---------------------|------|------|------|--|
| PHASE | 3 | | | | | |
| MODEL NAME | SF-JRFB | | | | | |
| RATED OUTPUT, HP (kW) | 1/4 (0.2) | | | | | |
| POLE | 6 | | | | | |
| CODE | | | | | | |
| OUTLINE DRAWING NO. | OMM74O107-A | | | | | |
| RATED VOLTAGE (V) | 220 | 380 | 415 | 220 | 440 | |
| RATED FREQUENCY (Hz) | 50 | 50 | 50 | 60 | 60 | |
| RATED CURRENT (A) | 1.21 | 0.70 | 0.70 | 1.12 | 0.65 | |
| RATED SPEED (min ⁻¹) | 920 | 920 | 930 | 1100 | 1120 | |
| THERMAL CLASS | 155(F) | | | | | |
| RATING | S1 (CONTINUOUS) | | | | | |
| ENCLOSURE CONSTRUCTION | TOTALLY ENCLOSED FAN COOLED | | | | | |
| DEGREES OF PROTECTION | IP55 | | | | | |
| METHOD OF COOLING | IC411 | | | | | |
| FRAME NO. | 71M | | | | | |
| WEIGHT (kg) | 12 | | | | | |
| STANDARD | IEC 60034-1, JEC-2137-2000 | | | | | |
| INSTALLATION | FLANGE MOUNTED (HORIZONTAL) | | | | | |
| ROTATION | CCW (VIEWED FROM SHAFT END) | | | | | |
| BEARING | LOAD SIDE : 6202ZZ | | | | | |
| | OPPOSITE SIDE : 6202ZZ | | | | | |
| BEARING GREASE | UREA GREASE | | | | | |
| NOISE (db.A) | 60 (RUNNING OPERATION) | | | | | |
| VIBRATION | V30 | | | | | |
| 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 : TERMINAL BLOCK | | | | | |
| INSULATION RESISTANCE | BY DC 500V MEGGER - ≥100MΩ | | | | | |
| DIELECTRIC TEST | AC 50Hz 1800V - 1min. (Based on rated voltage 380V) | | | | | |
| SHAFT SWING | ≤0.03mm | | | | | |
| MATERIAL | FRAME : STEEL PLATE | | | | | |
| | BRACKET LOAD SIDE : CAST IRON | | | | | |
| | OPPOSITE SIDE : CAST IRON | | | | | |
| | SHAFT : CARBON STEEL | | | | | |
| | STATOR CORE : ELECTRICAL STEEL | | | | | |
| | WIRE : ENAMELLED COPPER MAGNET WIRE | | | | | |
| | INSULATOR : POLYESTER FILM | | | | | |
| | VARNISH : EPOXY DENATURALIZATION POLYESTER | | | | | |
| | ROTOR CORE : ELECTRICAL STEEL | | | | | |
| | CONDUCTOR : ALUMINIUM | | | | | |
| | TERMINAL BOX : STEEL PLATE | | | | | |
| | PAINTING : POLYURETHANE RESIN | | | | | |
| | BRAKE | TYPE : TB-A0.4 (DC) | | | | |
| RATED BRAKING TORQUE : 4 N.m | | | | | | |
| ELECTROMAGNETIC STROKE : INITIAL = 0.15 mm., ADJUSTABLE LIMIT = 0.4 mm. | | | | | | |
| PRODUCTION COUNTRY | THAILAND | | | | | |

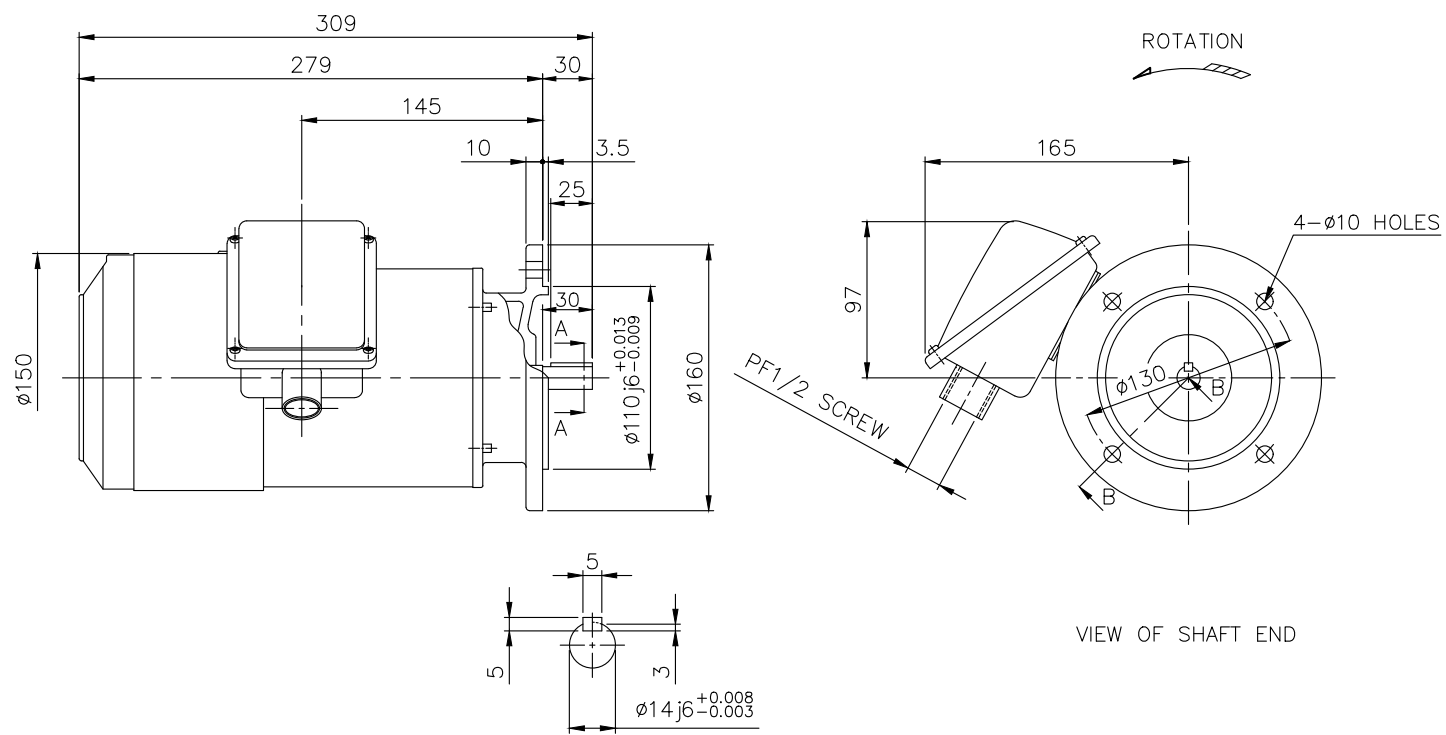
Specifications subject to change without notice.

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|--------------------------------|--|--|--|--|
| SPECIFICATION SHEET NO. | | | | |
| SS-M-7335-A | | | | |

MODEL SF-JRFB THREE PHASE INDUCTION MOTOR OUTLINE DRAWING

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

CUSTOMER _____
 USER _____
 FOR _____
 CUSTOMER'S ORDER NO. _____
 QUANTITY _____
 MFG. ORDER NO. _____



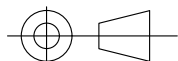
SECTION A-A

| BRAKE TYPE | RATED DAMPING TORQUE(N.m) | ELECTROMAGNETIC STROKE(mm.) | |
|------------|---------------------------|-----------------------------|------------------|
| | | INITIAL | ADJUSTABLE LIMIT |
| TB-A0.4 | 4 | 0.15 | 0.4 |

| YOUR ORDER | FRAME SIZE | RATING | TH. CLASS | AMB. TEMP. | BEARINGS | | COLOR | DIRECTION OF ROTATION (VIEWED FROM SHAFT END) | NO. OF LEAD WIRES | REMARKS |
|------------|------------|------------|-----------|------------|-----------|-----------|---------------------|---|-------------------|---------|
| | | | | | LOAD SIDE | OPP. SIDE | | | | |
| | 71M | S1 (CONT.) | 155(F) | 40°C | 6202ZZ | 6202ZZ | GRAY (MUNSELL N5.5) | CCW | 6 | |

| YOUR ORDER | OUTPUT | | POLES | VOLT | HERTZ | REMARKS |
|------------|--------|-----|-------|-------------|-------|---------|
| | HP | kw | | | | |
| | 1/2 | 0.4 | 4 | 220/380/415 | 50 | LT |
| | | | | 220/440 | 60 | |
| | 1/4 | 0.2 | 6 | 220/380/415 | 50 | LT |
| | | | | 220/440 | 60 | |

MITSUBISHI ELECTRIC AUTOMATION (THAILAND) CO., LTD.



DIMENSION IN mm.

SCALE : NTS

OUTLINE DRAWING NO.

0 M M 7 4 0 1 0 7

REV.

A