

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: SCA1601A1133GAA001

Catalog No: SCA1601A1133GAA001

TerraMAX® Cast Iron Motor, 215 HP, 3 Ph, 50 Hz, 400 V, 3000 RPM, 315L Frame, TEFC



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RegalRexnord

Nameplate Specifications

| | | | |
|------------------------|---------------|----------------------------|-----------------------------|
| Output HP | 215 Hp | Output KW | 160.0 kW |
| Frequency | 50 Hz | Voltage | 400 V |
| Current | 267.7 A | Speed | 2980 rpm |
| Service Factor | 1 | Phase | 3 |
| Efficiency | 94.8 % | Power Factor | 0.91 |
| Duty | S1 | Insulation Class | F |
| Frame | 315L | Enclosure | Totally Enclosed Fan Cooled |
| Thermal Protection | No Protection | Ambient Temperature | 40 °C |
| Drive End Bearing Size | 6316 | Opp Drive End Bearing Size | 6316 |
| UL | No | CSA | No |
| CE | Yes | IP Code | 55 |
| Number of Speeds | 1 | Efficiency Class | IE2 |

Technical Specifications

| | | | |
|-----------------------|---------------|-----------------------|----------------|
| Electrical Type | Squirrel Cage | Starting Method | Direct On Line |
| Poles | 2 | Rotation | Bi-Directional |
| Mounting | B35 | Motor Orientation | Horizontal |
| Drive End Bearing | C3 | Opp Drive End Bearing | C3 |
| Frame Material | Cast Iron | Shaft Type | Keyed |
| Overall Length | 1287 mm | Frame Length | 840 mm |
| Shaft Diameter | 65 mm | Shaft Extension | 140 mm |
| Assembly/Box Mounting | R Side | | |
| Connection Drawing | 8442000085 | Outline Drawing | 0231501399 |

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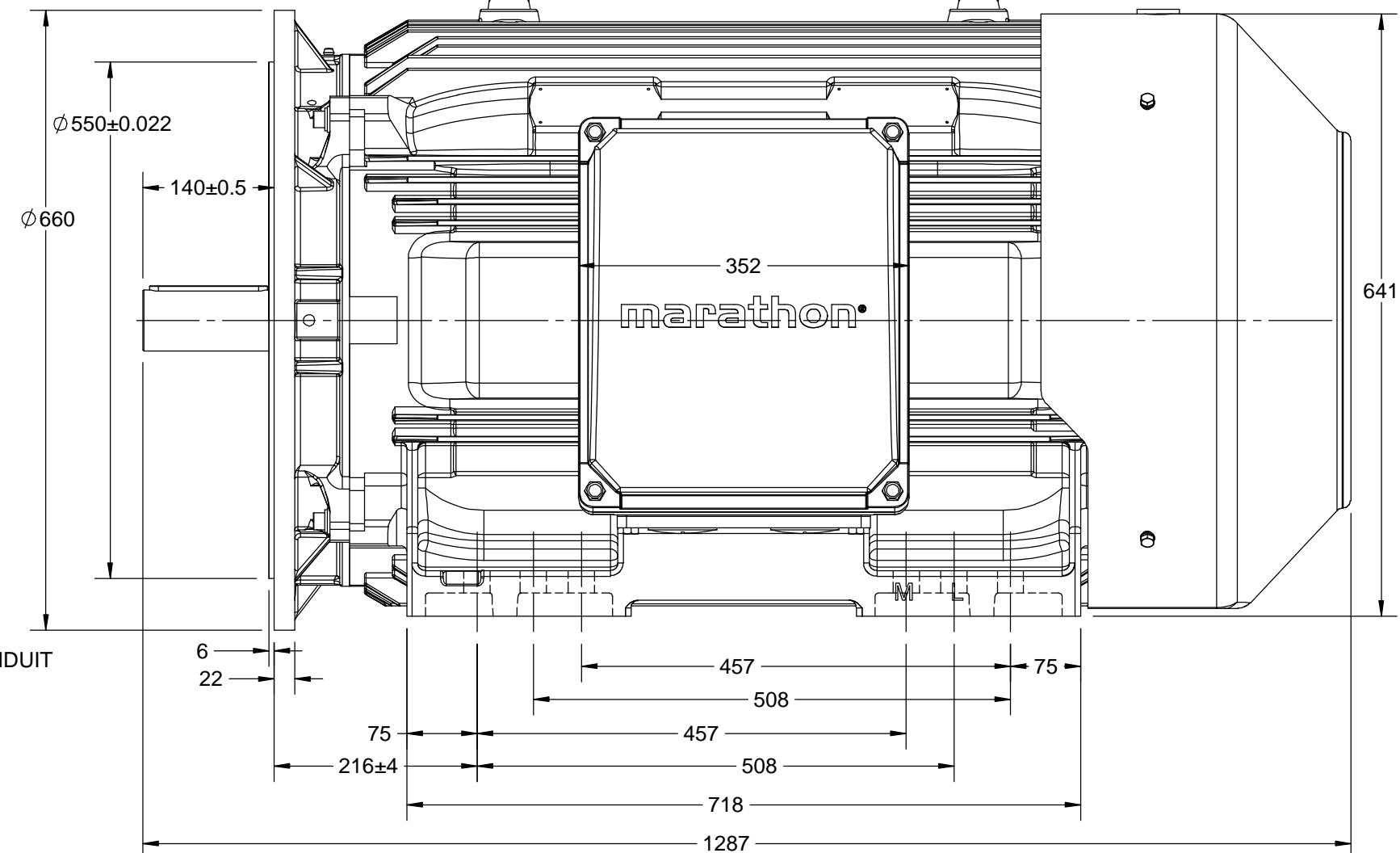
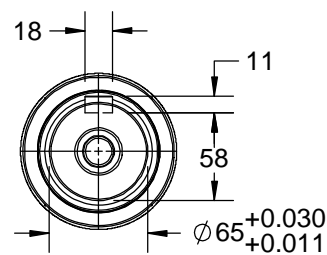
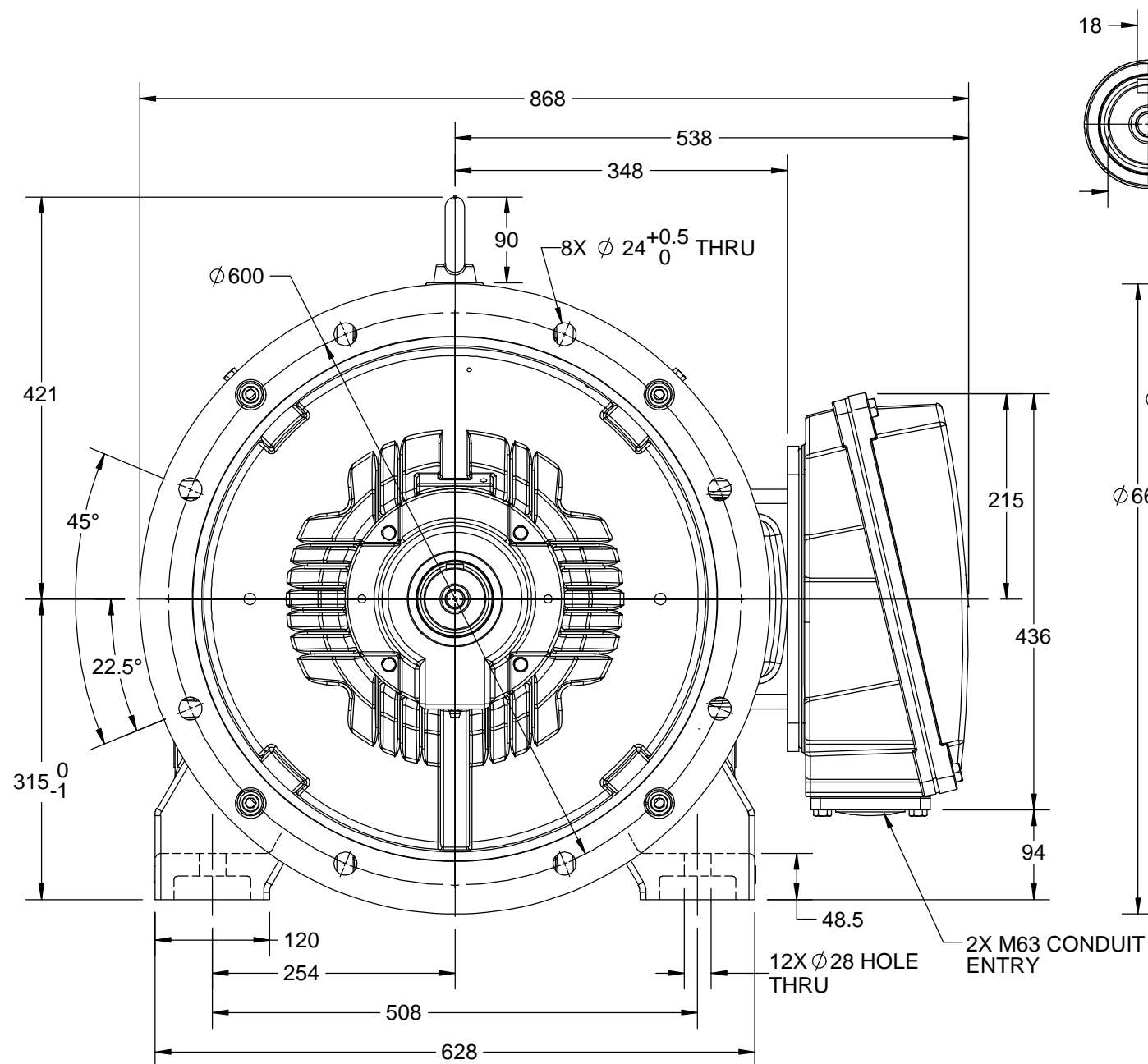
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B

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|--|--------------------|--------------------|
| DRAWING REVISION B | REVISION BY VS | DATE 11/07/2018 |
| ECO ECO-0148344 | APPROVED BY SBD | DATE 11/07/2018 |
| ECO DESCRIPTION MODEL UPDATED | | |
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| | | | |
|---------------------------|------------------------------------|------------------------------|-----------------|
| DRAWN BY GSR | marathon™ Motors | | |
| DATE 15/11/2017 | | | |
| APPROVED BY JAY | DESCRIPTION OUTLINE | | |
| DATE 15/11/2017 | 315L FR-2P-B35 MTG. TCA/QCA-RHS TB | | |
| REFERENCE | MATERIAL | PROCESS/FINISH | |
| THIRD ANGLE PROJECTION | SIZE B | DRAWING NUMBER 0231501399 | SHEET 1 OF 1 |

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|---|---------------------------|---------------------------|
| DRAWING REVISION A | REVISION BY SN | DATE 13/01/2017 |
| ECO ECO-0116390 | APPROVED BY SBD | DATE 13/01/2017 |
| ECO DESCRIPTION NEW DRAWING RELEASE | | |

| GEOMETRIC TOLERANCE | | |
|---------------------|---------|------|
| LINEAR DIM | >0~6 | ±0.1 |
| | >6~30 | ±0.2 |
| | >30~120 | ±0.3 |



NOTES:

1. PRESSURE-SENSITIVE ADHESIVE COATED PAPER ON THE BACK OF SELF-ADHESIVE.
2. AT THE END OF YELLOW, WORDS, SYMBOLS, LETTERS ARE BLACK, BORDER IS BLACK.
3. THE TOLERANCE OF THE LINEAR SIZE OF THE TOLERANCE WITHOUT THE TOLERANCE BY THE TABLE.

8WD.442.2017

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| | DRAWN BY SN | | Regal Beloit America, Inc. | | |
| | DATE 16/12/2016 | | | | |
| | APPROVED BY SBD | | DESCRIPTION CONN DIAGRAM-NAMEPLATE | | |
| | DATE 16/12/2016 | | | | |
| | REFERENCE | | MATERIAL | | PROCESS/FINISH |
| | THIRD ANGLE PROJECTION | | SIZE A | DRAWING NUMBER 8442000085 | SHEET 1 OF 1 |