

PRODUCT INFORMATION PACKET

Model No: SCA9P33A3121GAAD01

Catalog No: SCA9P33A3121GAAD01

9.3kW, General Purpose Low Voltage IEC Motor, 3 phase, 6 Pole, 415V, B5, 50Hz, 88.1%, 160M Frame, TEFC
Cast Iron IE2 Efficiency Motors





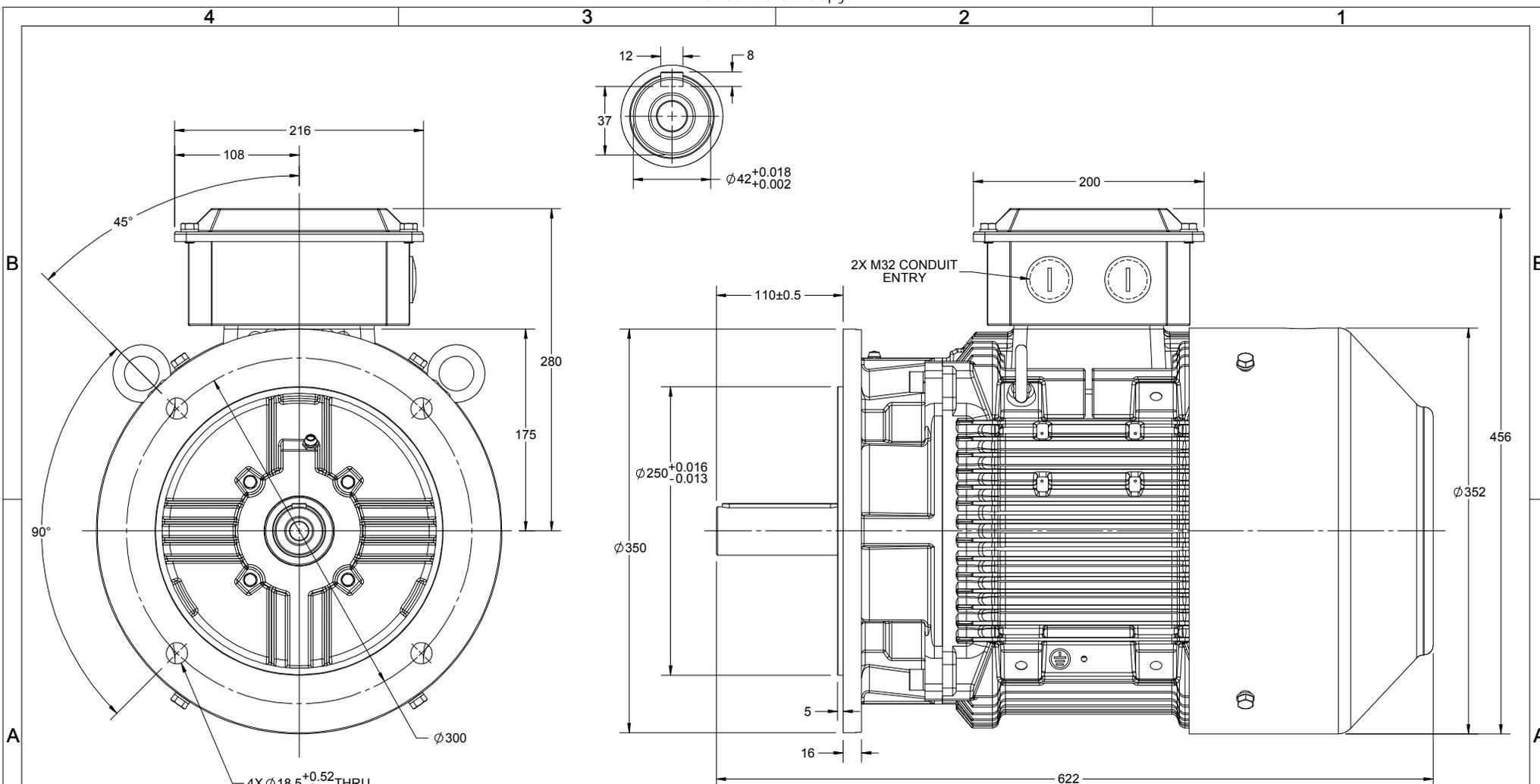
Nameplate Specifications

| | | | |
|----------------------------|----------|------------------------|-----------------------------|
| Output HP | 12.50 Hp | Output KW | 9.3 kW |
| Frequency | 50 Hz | Voltage | 415 V |
| Current | 20.7 A | Speed | 974 rpm |
| Service Factor | 1 | Phase | 3 |
| Efficiency | 88.1 % | Power Factor | 0.71 |
| Duty | S1 | Insulation Class | F |
| Frame | 160M | Enclosure | Totally Enclosed Fan Cooled |
| Ambient Temperature | 50 °C | Drive End Bearing Size | 6309 |
| Opp Drive End Bearing Size | 6209 | UL | No |
| CSA | No | CE | Yes |
| IP Code | 55 | | |

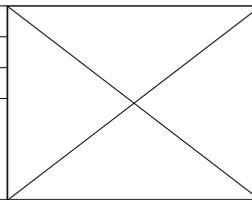
Technical Specifications

| | | | |
|-----------------------|---------------|-----------------------|----------------|
| Electrical Type | Squirrel Cage | Starting Method | Direct On Line |
| Poles | 6 | Rotation | Bi-Directional |
| Mounting | B5 | Motor Orientation | Horizontal |
| Drive End Bearing | 2z-C3 | Opp Drive End Bearing | 2z-C3 |
| Frame Material | Cast Iron | Shaft Type | Keyed |
| Overall Length | 622 mm | Frame Length | 254 mm |
| Shaft Diameter | 42 mm | Shaft Extension | 110 mm |
| Assembly/Box Mounting | TOP | | |
| Outline Drawing | 0216000931 | Connection Drawing | 8442000085 |

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| DRAWING REVISION B | REVISION BY LK | DATE 26/06/2019 |
| ECO ECO-0169536 | APPROVED BY SR | DATE 26/06/2019 |
| ECO DESCRIPTION MODEL UPDATED AS PER NEW 3D STRUCTURE <small>COPYRIGHT REGAL BELOIT AMERICA, INC. ALL RIGHTS RESERVED. PROPRIETARY AND CONFIDENTIAL INFORMATION - THIS DOCUMENT IS THE PROPERTY OF REGAL BELOIT AMERICA, INC. (OWNER) AND CONTAINS OWNER'S PROPRIETARY INFORMATION. ANY PERSON, CORPORATION OR OTHER FIRM RECEIVING IT IS DEEMED, BY RECEIVING IT, TO AGREE THAT IT, AND/OR ANY PART OF IT, SHALL NOT BE DISCLOSED TO ANY PERSON, CORPORATION OR OTHER ENTITY, DUPLICATED, AND/OR USED, EXCEPT AS EXPRESSLY APPROVED IN WRITING IN ADVANCE BY OWNER. THIS DOCUMENT SHALL BE RETURNED TO OWNER UPON REQUEST. IT MAY BE SUBJECT TO CERTAIN RESTRICTIONS UNDER APPLICABLE EXPORT CONTROL LAWS AND REGULATIONS.</small> | | |



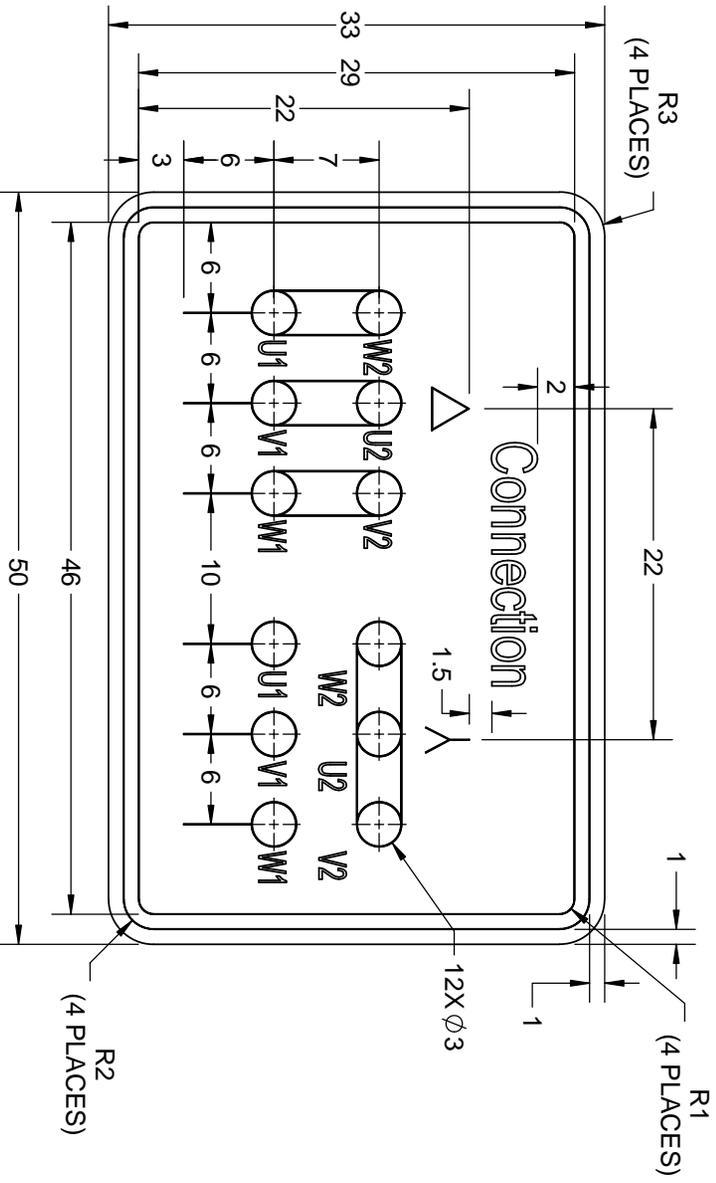
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|---------------------------|
| DRAWN BY PRIYA |
| DATE 03/04/2018 |
| APPROVED BY JAY |
| DATE 03/04/2018 |
| REFERENCE |
| THIRD ANGLE PROJECTION |

| | |
|----------------------------------------------------------------|-------------------------------------|
| marathon Motors | |
| DESCRIPTION OUTLINE 160M FR B5-MTG MOTOR TYPE:SCA | |
| MATERIAL | PROCESS/FINISH |
| SIZE B | DRAWING NUMBER 0216000931 |
| | SHEET 1 OF 1 |

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| DRAWING REVISION | REVISION BY | DATE |
|----------------------------------------|--------------------|--------------------|
| A | SN | 13/01/2017 |
| 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 |