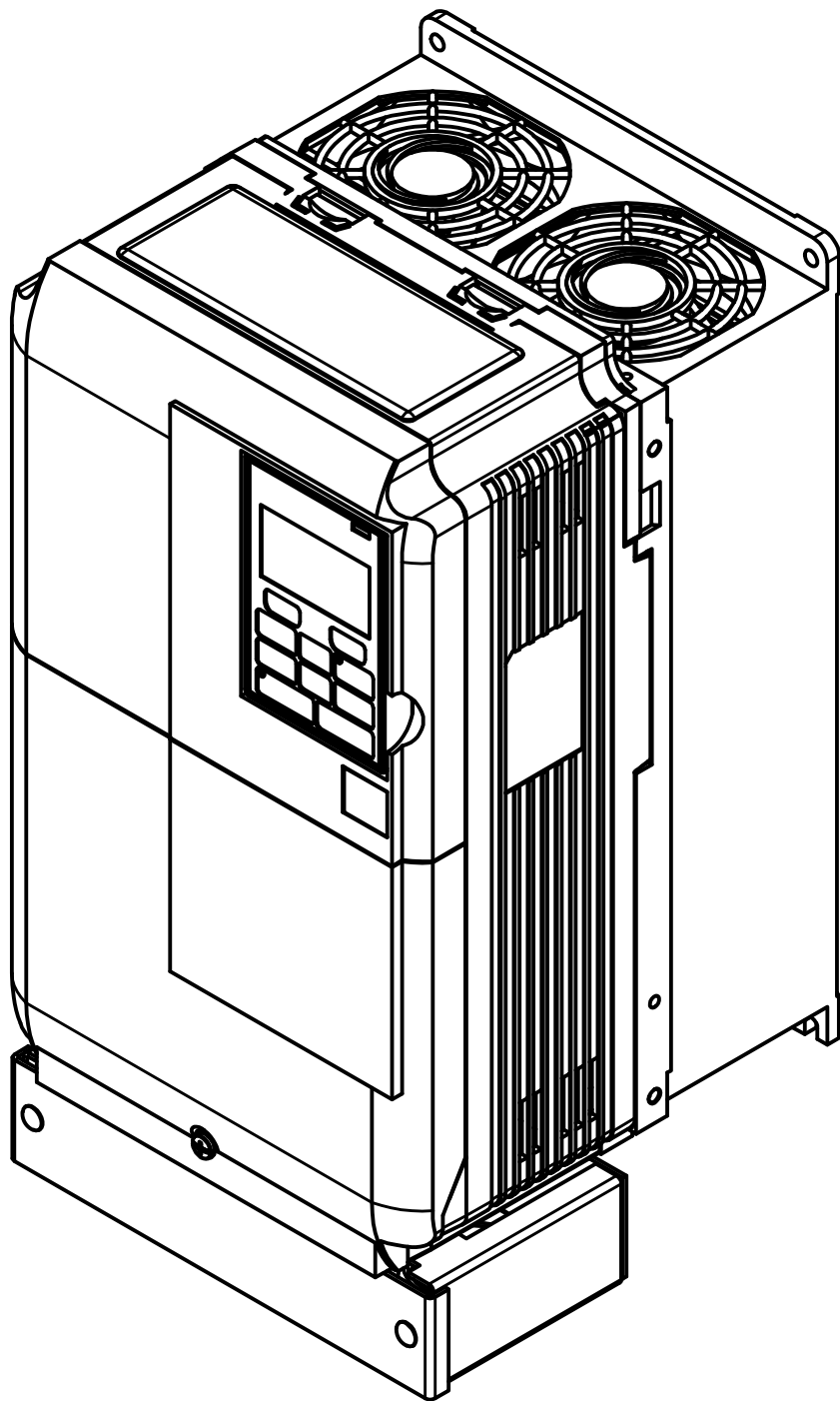
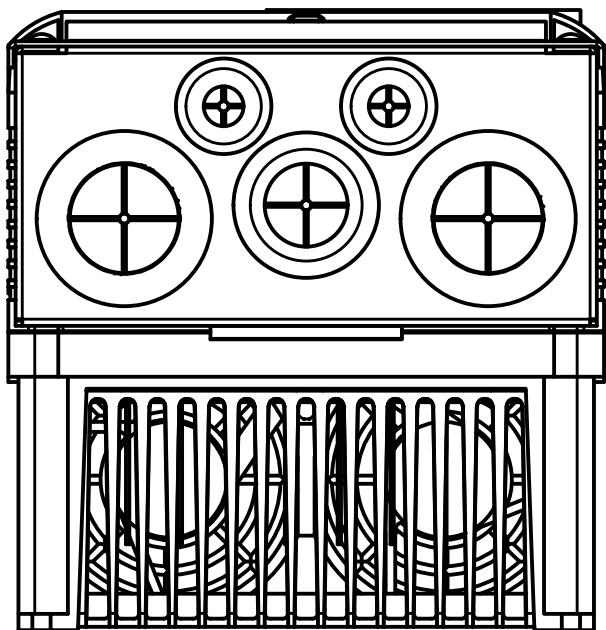
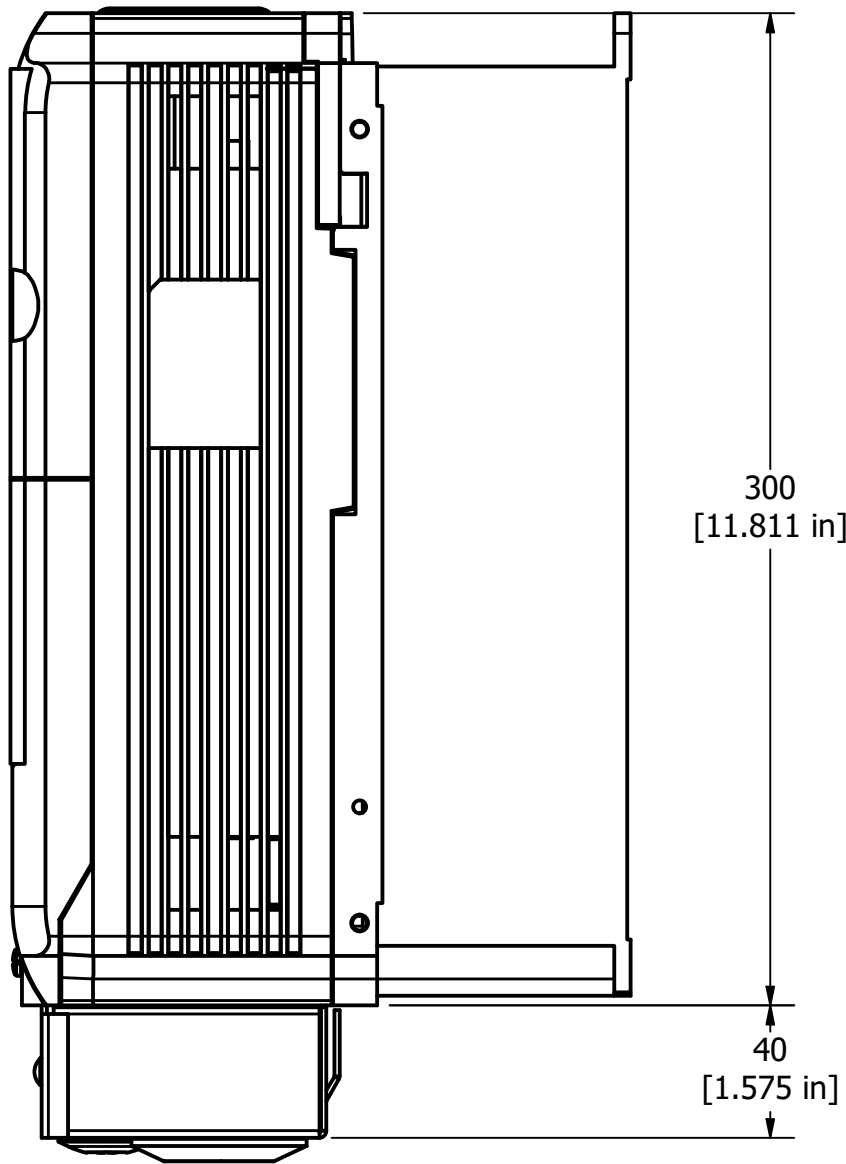
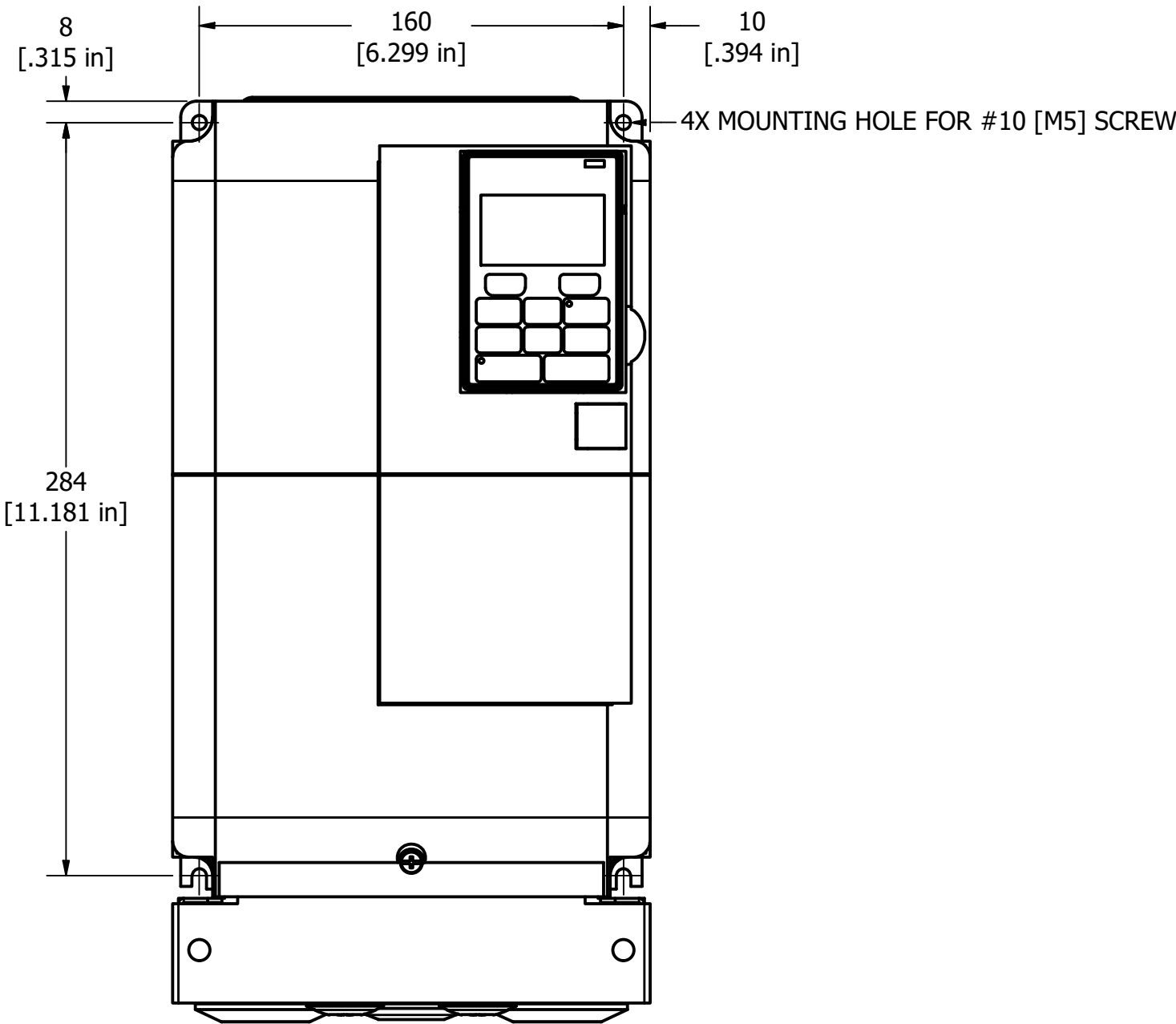
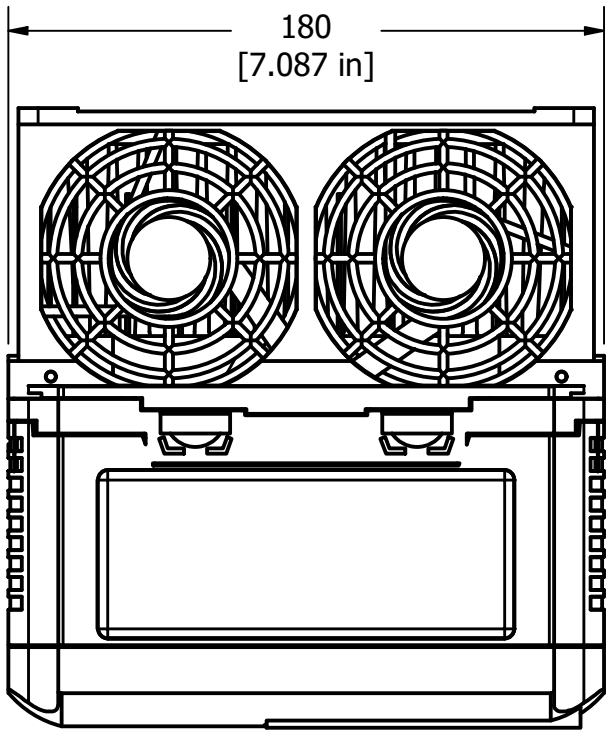
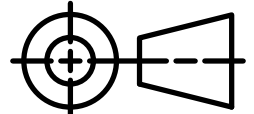


- NOTES:
1. MAXIMUM APPLICABLE MOTOR CAPACITY: 20 HP
  2. INPUT...
    - RATED INPUT CURRENT: 68 A
  3. OUTPUT...
    - RATED OUTPUT CAPACITY: 22 kVA
    - RATED OUTPUT CURRENT: 56 A
    - OVERLOAD TOLERANCE: 120% OF RATED OUTPUT CURRENT FOR 60 SECONDS
    - CARRIER FREQUENCY (USER ADJUSTABLE): 2 TO 15 kHz
    - MAXIMUM OUTPUT VOLTAGE: THREE-PHASE 200 TO 240 V (RELATIVE TO INPUT VOLTAGE)
    - MAXIMUM OUTPUT FREQUENCY: 400 Hz
  4. POWER...
    - RATED VOLTAGE / RATED FREQUENCY: THREE-PHASE 200 TO 240 VAC 50/60 Hz 270 TO 340 VDC
    - ALLOWABLE VOLTAGE FLUCTUATION: -15% TO +10%
    - ALLOWABLE FREQUENCY FLUCTUATION:  $\pm 5\%$
    - WITH FAN
    - DC LINK CHOKE: EXTERNAL OPTION
    - POWER SUPPLY: 36 kVA



| REVISION HISTORY |     |                 |           |          |
|------------------|-----|-----------------|-----------|----------|
| REV              | RAD | DESCRIPTION     | DATE      | APPROVED |
| A                | -   | INITIAL RELEASE | 7/14/2024 |          |
|                  |     |                 |           |          |
|                  |     |                 |           |          |

|                                                                                                                           |  |                             |                               |                                                                                                                                                                                                                 |        |
|---------------------------------------------------------------------------------------------------------------------------|--|-----------------------------|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN MILLIMETERS<br>INTERPRET DIMENSIONS AND TOLERANCES<br>PER ASME Y14.5-2018 |  | AUTHOR<br>Robert.Szuscicki  | DATE<br>7/14/2024             | <div>1401 W STANFORD AVE<br/>ENGLEWOOD, CO 80110<br/>P: (800) 442-7628<br/>F: (303) 781-2683<br/>E: info@garmat.com</div>  |        |
|                                                                                                                           |  | CHECKED BY<br>Manuel.Vega   | DATE<br>9/19/2024             |                                                                                                                                                                                                                 |        |
|                                                                                                                           |  | ENG APPROVAL<br>Manuel.Vega | DATE<br>9/19/2024             |                                                                                                                                                                                                                 |        |
|                                                                                                                           |  | MFG APPROVAL                | DATE                          |                                                                                                                                                                                                                 |        |
| THIRD ANGLE PROJECTION                                                                                                    |  |                             |                               | DESCRIPTION<br>VARIABLE FREQUENCY DRIVE,<br>3-PHASE, 240V, 56A, 20 HP,<br>IP20/NEMA TYPE 1 ENCLOSURE                                                                                                            |        |
|                                      |  | SIZE<br>C                   | DWG NO<br>2-VFD-240V-56A-20HP | REV<br>A                                                                                                                                                                                                        |        |
|                                                                                                                           |  | SCALE<br>7 / 16             | WEIGHT<br>5.897 kg            | SHEET                                                                                                                                                                                                           | 1 of 1 |