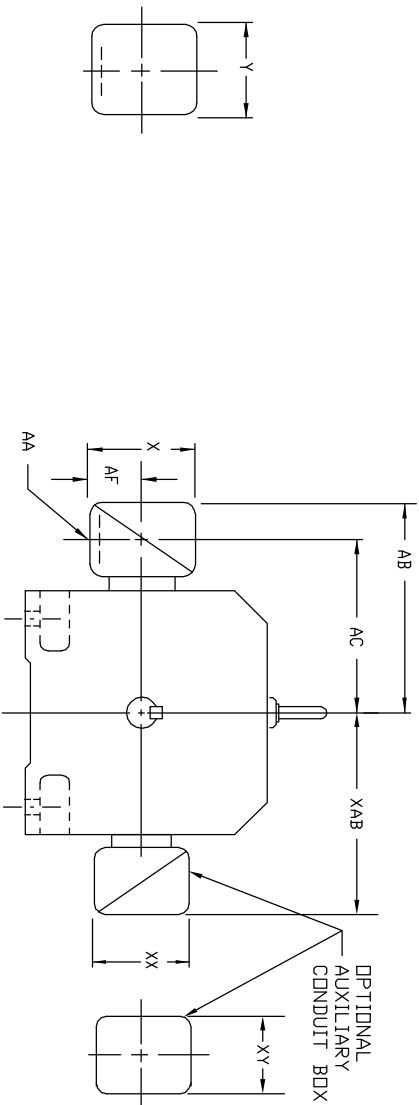


# INDUSTRIAL DIRECT CURRENT MOTORS AND GENERATORS – RPM III

STEEL AND CAST IRON TERMINAL BOX DIMENSIONS  
STANDARD SIZE AND ONE SIZE LARGER  
FRAMES C3210ATZ THRU C3613ATZ



DIMENSIONS ARE IN INCHES

## STEEL TERMINAL BOX DIMENSIONS

| FRAME SIZE | MAX. AMPS | AA(1) | AB    | AC    | AF   | X     | Y     | PART NUMBER | AA(1) | AB    | AC    | AF   | X     | Y     | PART NUMBER |
|------------|-----------|-------|-------|-------|------|-------|-------|-------------|-------|-------|-------|------|-------|-------|-------------|
| C3210ATZ   | 128       | 2     | 14.88 | 11.38 | 4.25 | 8.44  | 7.25  | 74874-R     | 3     | 15.31 | 12.06 | 4.25 | 8.44  | 7.25  | 74874-24-R  |
| C3210ATZ   | 185       | 3     | 15.31 | 12.06 | 4.25 | 8.44  | 7.25  | 74874-24-R  | 4     | 16.75 | 12.69 | 5.38 | 10.56 | 9.00  | 700308-3-R  |
| C3212ATZ   | 269       | 4     | 16.75 | 12.69 | 5.38 | 10.56 | 9.00  | 700308-3-R  | 5     | 21.00 | 15.88 | 6.50 | 12.10 | 14.62 | 702658-1-C  |
| C3214ATZ   | 500       | 5     | 21.00 | 15.88 | 6.50 | 12.10 | 14.62 | 702658-1-C  | 5     | 21.00 | 15.88 | 6.50 | 12.10 | 14.62 | 702658-1-C  |
| C3612ATZ   | 128       | 2     | 15.88 | 12.38 | 4.25 | 8.44  | 7.25  | 74874-R     | 3     | 16.31 | 13.06 | 4.25 | 8.44  | 7.25  | 74874-24-R  |
| C3612ATZ   | 185       | 3     | 16.31 | 13.06 | 4.25 | 8.44  | 7.25  | 74874-24-R  | 4     | 17.75 | 13.69 | 5.38 | 10.56 | 9.00  | 700308-3-R  |
| C3613ATZ   | 269       | 4     | 17.75 | 13.69 | 5.38 | 10.56 | 9.00  | 700308-3-R  | 5     | 22.00 | 15.88 | 6.50 | 12.10 | 14.62 | 702658-1-C  |
| C3613ATZ   | 500       | 5     | 22.00 | 15.88 | 6.50 | 12.10 | 14.62 | 702658-1-C  | 5     | 22.00 | 15.88 | 6.50 | 12.10 | 14.62 | 702658-1-C  |

## CAST IRON TERMINAL BOX DIMENSIONS

| FRAME SIZE | MAX. AMPS | AA(2) | AB    | AC    | AF   | X     | Y     | PART NUMBER | AA(2) | AB    | AC    | AF   | X     | Y     | PART NUMBER |
|------------|-----------|-------|-------|-------|------|-------|-------|-------------|-------|-------|-------|------|-------|-------|-------------|
| C3210ATZ   | 128       | 1-1/2 | 13.62 | 11.19 | 3.00 | 6.00  | 7.00  | 75460-R     | 3     | 15.31 | 11.56 | 3.62 | 7.88  | 9.25  | 76700-RB    |
| C3210ATZ   | 185       | 3     | 15.31 | 11.56 | 3.62 | 7.88  | 9.25  | 76700-RB    | 4     | 16.62 | 12.44 | 4.12 | 9.50  | 10.50 | 76708-RR    |
| C3212ATZ   | 269       | 4     | 16.62 | 12.44 | 4.12 | 9.50  | 10.50 | 76708-RR    | 5     | 19.44 | 14.19 | 7.00 | 12.75 | 15.00 | 76870-S     |
| C3214ATZ   | 500       | 5     | 19.44 | 14.19 | 7.00 | 12.75 | 15.00 | 76870-S     | 6     | 19.44 | 14.19 | 7.00 | 12.75 | 15.00 | 76870-R     |
| C3612ATZ   | 128       | 1-1/2 | 14.62 | 12.19 | 3.00 | 6.00  | 7.00  | 75460-R     | 3     | 16.31 | 12.56 | 3.62 | 7.88  | 9.25  | 76700-RB    |
| C3612ATZ   | 185       | 3     | 16.31 | 12.56 | 3.62 | 7.88  | 9.25  | 76700-RB    | 4     | 17.62 | 13.44 | 4.12 | 9.50  | 10.50 | 76708-RR    |
| C3613ATZ   | 269       | 4     | 17.62 | 13.44 | 4.12 | 9.50  | 10.50 | 76708-RR    | 5     | 20.44 | 15.19 | 7.00 | 12.75 | 15.00 | 76870-S     |
| C3613ATZ   | 500       | 5     | 20.44 | 15.19 | 7.00 | 12.75 | 15.00 | 76870-S     | 6     | 20.44 | 15.19 | 7.00 | 12.75 | 15.00 | 76870-R     |

## CONDUIT BOX DIMENSIONS WITH TERMINAL BOARDS (IEC TYPE BOX)

| FRAME SIZE | AMPS | AB    | AC    | AF   | X     | AA (3) | Y     | PART NUMBER |
|------------|------|-------|-------|------|-------|--------|-------|-------------|
| C320       | 400  | 19.02 | 15.28 | 6.20 | 14.39 | ---    | 14.39 | 706310-63-B |
|            | 800  | 19.02 | 15.28 | 6.20 | 14.39 | ---    | 14.39 | 706310-63-B |
|            | 1600 | 19.02 | 15.28 | 7.68 | 15.35 | ---    | 15.35 | 706310-63-C |
| C360       | 400  | 20.00 | 15.28 | 6.20 | 14.39 | ---    | 14.39 | 706310-63-B |
|            | 800  | 20.00 | 15.28 | 6.20 | 14.39 | ---    | 14.39 | 706310-63-B |
|            | 1600 | 20.00 | 15.28 | 7.68 | 15.35 | ---    | 15.35 | 706310-63-C |

| FRAME SIZE | XAB   | XX   | XY          | PART NUMBER | FRAME SIZE | XAB  | XX   | XY   | PART NUMBER |
|------------|-------|------|-------------|-------------|------------|------|------|------|-------------|
| C320       | 10.00 | 4.25 | 602007-26-A | C320        | 13.50      | 8.00 | 8.00 | 8.00 | 706310-3-B  |
| C360       | 11.00 | 4.25 | 602007-26-A | C360        | 14.50      | 8.00 | 8.00 | 8.00 | 706310-3-B  |

- (1) 'AA' CONDUIT.  
(2) 'AA' PIPE TAP.  
(3) CUSTOMER TO PROVIDE HOLE FOR CONDUIT.  
TERMINAL BOX CAN BE ROTATED FOR LEAD OUTLET AT TOP, SIDES OR BOTTOM.  
TERMINAL BOX LOCATED ON OPPOSITE SIDE WHEN F-2, V-1, V-4, V-5, V-7,  
OR C-1 MOUNTING IS SPECIFIED. BOX LOCATED ON TOP WHEN SPECIFIED.  
FOR 'X/P' TERMINAL BOX DIMENSIONS SEE 609979-2.  
FOR MILL TYPE TERMINAL BOX DIMENSIONS SEE 609979-3.

CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION.

|                        |                              |                   |
|------------------------|------------------------------|-------------------|
| REV. DESC: LOAD TO BUS | VERSION: 00                  | TDR: 000000958110 |
| REV. LTR: -            | REVISED: 08:37:45 12/17/2015 | BY: RGGWT         |
| FILE: \RGG\00026\318   |                              |                   |
| MTL: -                 |                              |                   |

**BALDOR**

DIM SHT,C3210ATZ THRU C3613ATZ,W/AUX C/BOX

SH 1 of 1