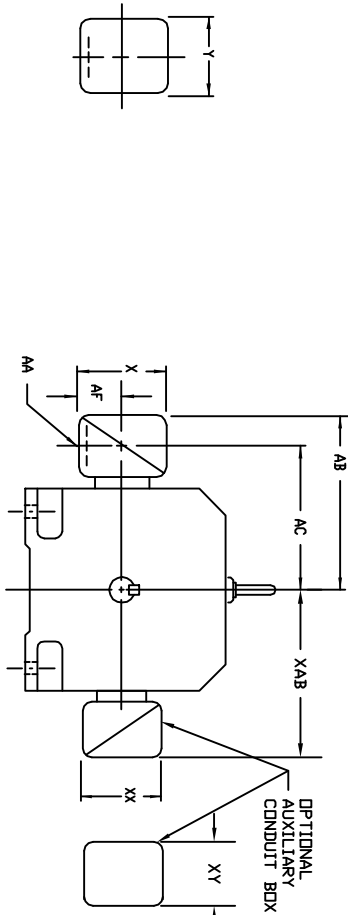


INDUSTRIAL DIRECT CURRENT MOTORS  
AND GENERATORS – RPM III  
TERMINAL BOX DIMENSIONS  
STANDARD SIZE AND ONE SIZE LARGER  
FRAMES C2113ATZ THRU C2815ATZ



DIMENSIONS ARE IN INCHES

| STEEL TERMINAL BOX DIMENSIONS |           |               |       |       |      |      |      |                 |       |       |      |
|-------------------------------|-----------|---------------|-------|-------|------|------|------|-----------------|-------|-------|------|
| FRAME SIZE                    | MAX. AMPS | STANDARD SIZE |       |       |      |      |      | ONE SIZE LARGER |       |       |      |
|                               |           | AA(1)         | AB    | AC    | AF   | X    | Y    | AA(1)           | AB    | AC    | AF   |
| C2113ATZ                      | 40        | 3/4 & 1"      | 8.97  | 7.47  | 1.94 | 4.38 | 5.00 | 1-1/4 & 1-1/2   | 10.03 | 8.03  | 2.50 |
| C2115ATZ                      | 96        | 1-1/4 & 1-1/2 | 10.03 | 8.03  | 2.50 | 5.50 | 6.12 | 2" & 2-1/2      | 11.16 | 8.41  | 3.19 |
| (C)                           | 208       | 2" & 2-1/2    | 11.16 | 8.41  | 3.19 | 7.00 | 7.62 | 2" & 2-1/2      | 11.16 | 8.41  | 3.19 |
| C2512ATZ                      | 40        | 3/4 & 1"      | 10.03 | 8.53  | 1.94 | 4.38 | 5.00 | 1-1/4 & 1-1/2   | 11.09 | 9.09  | 2.50 |
| C2514ATZ                      | 96        | 1-1/4 & 1-1/2 | 11.09 | 9.09  | 2.50 | 5.50 | 6.12 | 2" & 2-1/2      | 12.22 | 9.47  | 3.19 |
| C2515ATZ                      | 208       | 2" & 2-1/2    | 12.22 | 9.47  | 3.19 | 7.00 | 7.62 | 2" & 2-1/2      | 12.22 | 9.47  | 3.19 |
| (C2)                          | 400       | 2" & 2-1/2    | 14.03 | 10.53 | 4.25 | 8.44 | 7.25 | 3" & 3-1/2      | 14.47 | 11.22 | 4.25 |
| C2812ATZ                      | 185       | 3"            | 14.47 | 11.22 | 4.25 | 8.44 | 7.25 | 3" & 3-1/2      | 15.91 | 11.84 | 5.38 |
| C2813ATZ                      | 269       | 4"            | 15.91 | 11.84 | 5.38 | 9.00 | 7.00 | 4" & 4-1/2      | 18.72 | 13.47 | 7.00 |

| CAST IRON TERMINAL BOX DIMENSIONS |           |               |       |       |      |      |       |                 |       |       |      |
|-----------------------------------|-----------|---------------|-------|-------|------|------|-------|-----------------|-------|-------|------|
| FRAME SIZE                        | MAX. AMPS | STANDARD SIZE |       |       |      |      |       | ONE SIZE LARGER |       |       |      |
|                                   |           | AA(3)         | AB    | AC    | AF   | X    | Y     | AA(3)           | AB    | AC    | AF   |
| C2113ATZ                          | 40        | 1"            | 10.03 | 8.03  | 2.50 | 5.00 | 5.75  | 1-1/2           | 10.03 | 8.03  | 2.50 |
| C2115ATZ                          | 96        | 1-1/2         | 10.97 | 8.53  | 3.00 | 6.00 | 7.00  | 2"              | 10.97 | 8.53  | 3.00 |
| (C)                               | 208       | 2"            | 11.09 | 8.53  | 3.00 | 6.00 | 7.00  | 2"              | 11.09 | 8.53  | 3.00 |
| C2512ATZ                          | 40        | 1"            | 11.09 | 9.09  | 2.50 | 5.00 | 5.75  | 1-1/2           | 12.03 | 9.59  | 3.00 |
| C2514ATZ                          | 96        | 1-1/2         | 12.03 | 9.59  | 3.00 | 6.00 | 7.00  | 2"              | 12.03 | 9.59  | 3.00 |
| C2515ATZ                          | 208       | 2"            | 12.03 | 9.59  | 3.00 | 6.00 | 7.00  | 2"              | 12.03 | 9.59  | 3.00 |
| (C2)                              | 400       | 2"            | 14.47 | 10.72 | 3.62 | 7.88 | 9.25  | 3"              | 14.47 | 10.72 | 3.62 |
| C2812ATZ                          | 185       | 3"            | 14.47 | 10.72 | 3.62 | 7.88 | 9.25  | 3"              | 14.47 | 10.72 | 3.62 |
| C2813ATZ                          | 269       | 4"            | 15.78 | 11.59 | 4.12 | 9.50 | 10.50 | 4"              | 18.59 | 13.34 | 7.00 |

| CONDUIT BOX DIMENSIONS WITH TERMINAL BOARDS (IEC TYPE BOX) |      |       |       |      |       |    |       |                          |                          |                          |                          |
|------------------------------------------------------------|------|-------|-------|------|-------|----|-------|--------------------------|--------------------------|--------------------------|--------------------------|
| STANDARD SIZE                                              |      |       |       |      |       |    |       |                          |                          |                          |                          |
| FRAME SIZE                                                 | AMPS | AB    | AC    | AF   | X     | AA | Y     | PART NUMBER              | PART NUMBER              | PART NUMBER              | PART NUMBER              |
| C210                                                       | 100  | 10.71 | 8.98  | 2.72 | 7.48  | -- | 7.48  | 706310-56-A              | 706310-225-R             | 706310-225-R             | 706310-225-R             |
|                                                            | 200  | 11.26 | 9.25  | 3.35 | 8.82  | -- | 8.82  | 706310-56-B              | 706310-226-R             | 706310-226-R             | 706310-226-R             |
|                                                            | 100  | 11.30 | 9.57  | 2.72 | 7.48  | -- | 7.48  | 706310-56-A              | 706310-225-R             | 706310-225-R             | 706310-225-R             |
| C250                                                       | 200  | 11.85 | 9.84  | 3.35 | 8.82  | -- | 8.82  | 706310-56-B              | 706310-226-R             | 706310-226-R             | 706310-226-R             |
|                                                            | 400  | 17.48 | 12.75 | 6.20 | 14.39 | -- | 14.39 | 706310-63-B & 706310-63G | 706310-63-B & 706310-63G | 706310-63-B & 706310-63G | 706310-63-B & 706310-63G |
|                                                            | 800  | 17.48 | 12.75 | 6.20 | 14.39 | -- | 14.39 | 706310-63-B & 706310-63G | 706310-63-B & 706310-63G | 706310-63-B & 706310-63G | 706310-63-B & 706310-63G |
|                                                            | 200  | 12.60 | 10.59 | 3.76 | 8.82  | -- | 8.82  | 706310-56-B              | 706310-226-R             | 706310-226-R             | 706310-226-R             |
|                                                            | 400  | 18.27 | 13.54 | 6.20 | 14.39 | -- | 14.39 | 706310-63-B & 706310-63G | 706310-63-B & 706310-63G | 706310-63-B & 706310-63G | 706310-63-B & 706310-63G |
| C280                                                       | 800  | 18.27 | 13.54 | 6.20 | 14.39 | -- | 14.39 | 706310-63-B & 706310-63G | 706310-63-B & 706310-63G | 706310-63-B & 706310-63G | 706310-63-B & 706310-63G |
|                                                            | 1600 | 18.27 | 13.54 | 7.68 | 15.35 | -- | 15.35 | 706310-63-C              | 706310-63-C              | 706310-63-C              | 706310-63-C              |

| OPTIONAL AUXILIARY CONDUIT BOX DIMENSIONS (MAXIMUM) |      |      |             |            |       |      |             |
|-----------------------------------------------------|------|------|-------------|------------|-------|------|-------------|
| FRAME SIZE                                          | XAB  | XY   | PART NUMBER | FRAME SIZE | XAB   | XY   | PART NUMBER |
| C210                                                | 7.38 | 4.25 | 602007-26-A | C210       | 10.88 | 8.00 | 706310-3-B  |
| C250                                                | 8.44 | 4.25 | 602007-26-A | C250       | 11.88 | 8.00 | 706310-3-B  |
| C280                                                | 9.12 | 4.25 | 602007-26-A | C280       | 12.62 | 8.00 | 706310-3-B  |

- (1) 'AA' CONDUIT.  
(2) STEEL TERMINAL BOX FOR C2113ATZ AND C2512ATZ.  
(3) 'AA' PIPE TAP.  
(4) TERMINAL BOX 76870-S AND 76870-96 EXTENDS BELOW MOTOR FEET.  
TERMINAL BOX CAN BE ROTATED FOR LEAD OUTLET AT TOP, SIDE OR BOTTOM.  
TERMINAL BOX LOCATED ON OPPOSITE SIDE WHEN F-2, V-1, W-4, W-5, W-7,  
OR C-1 MOUNTING IS SPECIFIED. BOX LOCATED ON TOP WHEN SPECIFIED.  
FOR 'X/Y' TERMINAL BOX DIMENSIONS SEE 609959-2.  
FOR MILL TYPE TERMINAL BOX DIMENSIONS SEE 609959-3.

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

|                                                         |             |                                |
|---------------------------------------------------------|-------------|--------------------------------|
| REV. DESC: ADD 706310-63G C/BOX TO C250 AND C280 FRAMES |             |                                |
| REV. LTR: A                                             | VERSION: 01 | TDR: 000000816512              |
| FILE: \RGG\00021\153                                    |             | REVISED: 03: 09: 09 09/06/2013 |
| MTL: -                                                  |             | BY: RGGWT                      |

BALDOR

DIMENSION SHEET

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