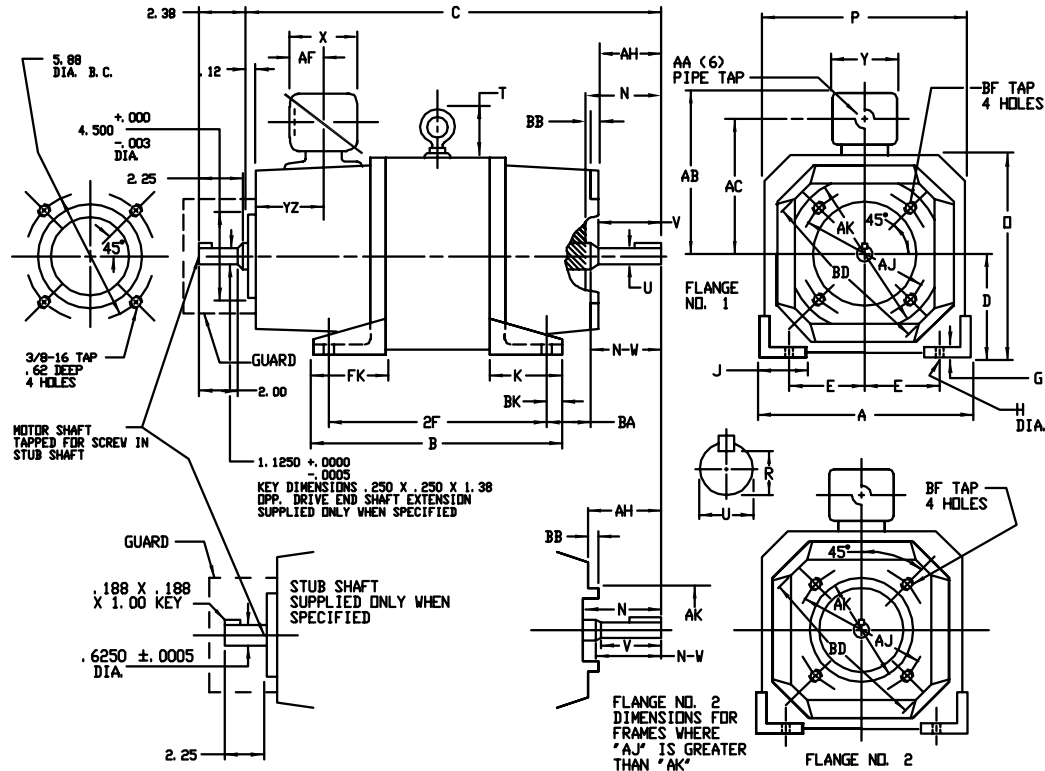


# INDUSTRIAL DIRECT CURRENT MOTORS AND GENERATORS - RPM III

ENCLOSURE: DRIP-PROOF FULLY-GUARDED MOUNTING: FOOT, "C" FACE COOLING: SELF-VENTILATED ACCESSORIES: PROVISIONS FOR  
 SPLASHPROOF, TOTALLY ENCLOSED METHOD OF DRIVE: COUPLED OR BELTED NON-VENTILATED TACHOMETER MOUNTING  
 ONLY WHEN SPECIFIED

## DC180ATY-DC180ATCZ



DIMENSIONS ARE IN INCHES

| FRAME      | FLANGE | A    | AK (1) | E    | G   | H   | J    | K    | FK   | BK  | D    | P    | T    | BA   | BB  | BD   | BF TAP | BF TAP DEPTH | AJ   | AK (4) | A.C. SHAFT EXT. REF. |
|------------|--------|------|--------|------|-----|-----|------|------|------|-----|------|------|------|------|-----|------|--------|--------------|------|--------|----------------------|
| DC189ATY   | ND. 2  | 9.00 | 4.50   | 3.75 | .31 | .44 | 1.50 | 3.56 | 3.56 | .50 | 8.88 | 8.75 | 1.88 | 2.75 | .12 | 8.75 | 3/8-16 | .62          | 5.88 | 4.500  | 140TC EXT.           |
| DC189ATCZ  | ND. 1  | 9.00 | 4.50   | 3.75 | .31 | .44 | 1.50 | 3.56 | 3.56 | .50 | 8.88 | 8.75 | 1.88 | 2.75 | .25 | 8.75 | 1/2-13 | .88          | 7.25 | 8.500  | 180TC EXT.           |
| DC1810ATY  | ND. 2  | 9.00 | 4.50   | 3.75 | .31 | .44 | 1.50 | 3.56 | 3.56 | .50 | 8.88 | 8.75 | 1.88 | 2.75 | .12 | 8.75 | 3/8-16 | .62          | 5.88 | 4.500  | 140TC EXT.           |
| DC1810ATCZ | ND. 1  | 9.00 | 4.50   | 3.75 | .31 | .44 | 1.50 | 3.56 | 3.56 | .50 | 8.88 | 8.75 | 1.88 | 2.75 | .25 | 8.75 | 1/2-13 | .88          | 7.25 | 8.500  | 180TC EXT.           |
| DC1811ATY  | ND. 2  | 9.00 | 4.50   | 3.75 | .31 | .44 | 1.50 | 3.56 | 3.56 | .50 | 8.88 | 8.75 | 1.88 | 2.75 | .12 | 8.75 | 3/8-16 | .62          | 5.88 | 4.500  | 140TC EXT.           |
| DC1811ATCZ | ND. 1  | 9.00 | 4.50   | 3.75 | .31 | .44 | 1.50 | 3.56 | 3.56 | .50 | 8.88 | 8.75 | 1.88 | 2.75 | .25 | 8.75 | 1/2-13 | .88          | 7.25 | 8.500  | 180TC EXT.           |

| FRAME      | FLANGE | C (5) | B     | 2F    | DRIVE END SHAFT AND KEY |      |        |      |      |        | TERMINAL BOX DIMENSIONS |      |     |      |      |      |      | WT. LBS. |      |     |
|------------|--------|-------|-------|-------|-------------------------|------|--------|------|------|--------|-------------------------|------|-----|------|------|------|------|----------|------|-----|
|            |        |       |       |       | N                       | N-V  | U (2)  | V    | AH   | RC (3) | SP                      | LGTH | AA  | AB   | AC   | AF   | X    |          | Y    | YZ  |
| DC189ATY   | ND. 2  | 18.81 | 11.62 | 10.00 | 2.44                    | 2.25 | .8750  | 2.00 | 2.12 | .771   | 1.188                   | 1.38 | 3/4 | 6.88 | 5.56 | 1.69 | 3.38 | 3.88     | 3.25 | 130 |
| DC189ATCZ  | ND. 1  | 19.44 | 11.62 | 10.00 | 3.06                    | 2.88 | 1.1250 | 2.62 | 2.62 | .986   | 1.250                   | 1.81 | 3/4 | 6.88 | 5.56 | 1.69 | 3.38 | 3.88     | 3.25 | 130 |
| DC1810ATY  | ND. 2  | 19.56 | 12.38 | 11.00 | 2.44                    | 2.25 | .8750  | 2.00 | 2.12 | .771   | 1.188                   | 1.38 | 3/4 | 6.88 | 5.56 | 1.69 | 3.38 | 3.88     | 3.25 | 155 |
| DC1810ATCZ | ND. 1  | 20.19 | 12.38 | 11.00 | 3.06                    | 2.88 | 1.1250 | 2.62 | 2.62 | .986   | 1.250                   | 1.81 | 3/4 | 6.88 | 5.56 | 1.69 | 3.38 | 3.88     | 3.25 | 155 |
| DC1811ATY  | ND. 2  | 21.06 | 13.88 | 12.50 | 2.44                    | 2.25 | .8750  | 2.00 | 2.12 | .771   | 1.188                   | 1.38 | 3/4 | 6.88 | 5.56 | 1.69 | 3.38 | 3.88     | 3.25 | 185 |
| DC1811ATCZ | ND. 1  | 21.69 | 13.88 | 12.50 | 3.06                    | 2.88 | 1.1250 | 2.62 | 2.62 | .986   | 1.250                   | 1.81 | 3/4 | 6.88 | 5.56 | 1.69 | 3.38 | 3.88     | 3.25 | 185 |

- (1) 'D' DIMENSION WILL NOT BE EXCEEDED. SHIMS UP TO .03 INCHES IN THICKNESS ARE USUALLY REQUIRED FOR COUPLED OR GEARED MACHINES.
- (2) 'U' VARIES +.0000, -.0005.
- (3) 'BK' VARIES +.0880, -.0880. FACE ROUNDT AND ECCENTRICITY .004 MAX. T. I. R.

- (5) WHEN THE MOTOR APPLICATION DOES NOT REQUIRE THE USE OF DPP, DRIVE END, ADD .25 TO 'C' DIM. FOR BRACKET COVER.
- (6) TERMINAL BDX CAN BE ROTATED TO REPOSITION CONDUIT CONNECTION. IF MOUNTING CLEARANCE DETAILS ARE REQUIRED CONSULT FACTORY.

MOTOR WEIGHT MAY VARY 15% FOR NON-STANDARD RATINGS AND/OR ACCESSORIES.

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

|                          |                              |                  |
|--------------------------|------------------------------|------------------|
| REV. DESC: RELOAD TO BUS |                              |                  |
| REV. LTR: A              | VERSION: 01                  | TDR: 00000956570 |
| FILE: \RSN\00031\917     | REVISED: 01:19:35 12/11/2015 | BY: USPABLO      |
| MTL: -                   |                              |                  |

# BALDOR

DIMENSION DRAWING, DC180ATY - DC180ATCZ, DPP, TENV, FOOT MTG.

SH 1 of 1