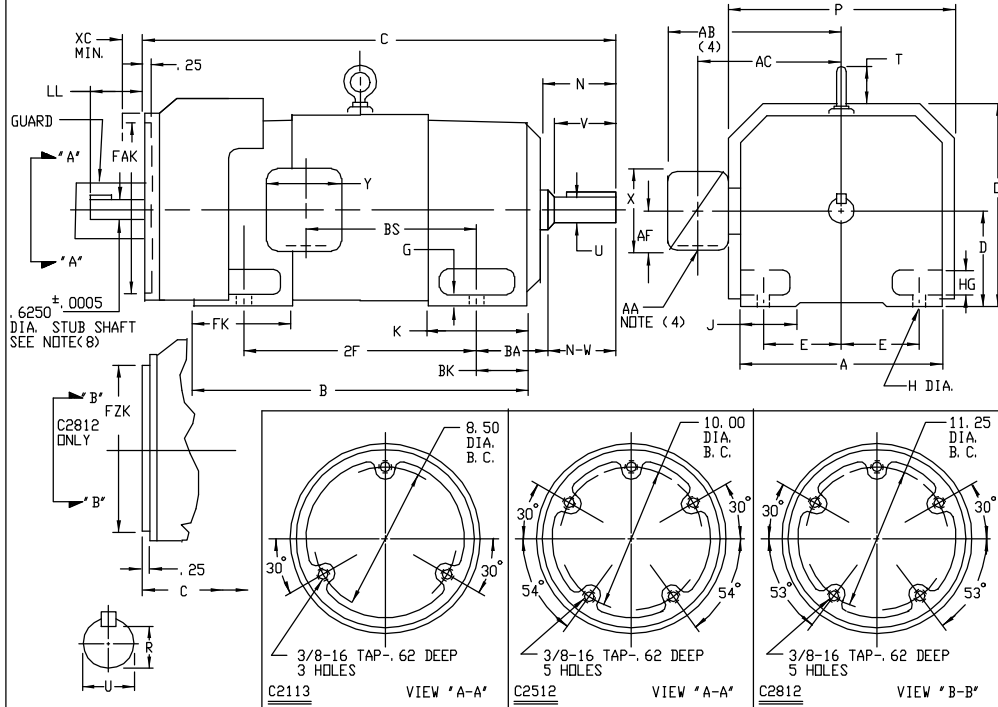


INDUSTRIAL DIRECT CURRENT MOTORS AND GENERATORS - RPM III

ENCLOSURE: TOTALLY ENCLOSED
MOUNTING: FOOT
METHOD OF DRIVE: COUPLED OR BELTED

COOLING: FAN COOLED
ACCESSORIES: PROVISION FOR
TACHOMETER MOUNTING
ONLY WHEN SPECIFIED

FRAMES SC2113ATZ THRU LC2812ATZ



DIMENSIONS ARE IN INCHES

| FRAME | A | BC(1) | E | G | H | HG | J | D | P | T | BA | K | FK | BK | FAK(6) | FZK(7) | XC(5) |
|---------------------|-------|-------|------|-----|-----|------|------|-------|-------|------|------|------|------|------|--------|--------|-------|
| SC2113ATZ-LC2113ATZ | 10.25 | 5.25 | 4.25 | .44 | .44 | 1.38 | 1.75 | 11.62 | 12.75 | 1.38 | 3.50 | 5.19 | 6.81 | 2.38 | 9.750 | N/A | 1.25 |
| SC2512ATZ-LC2512ATZ | 12.31 | 6.25 | 5.00 | .50 | .56 | 1.62 | 2.00 | 13.62 | 14.75 | 1.94 | 4.25 | 6.06 | 8.00 | 3.00 | 11.250 | N/A | 1.25 |
| MC2812ATZ-LC2812ATZ | 13.78 | 7.00 | 5.50 | .62 | .56 | 1.88 | 2.75 | 15.06 | 16.12 | 2.31 | 4.75 | 6.75 | 9.19 | 3.50 | N/A | 12.500 | 1.25 |

| FRAME | C | B | BS | 2F | DRIVE END SHAFT AND KEY | | | | | | WT. LBS. | |
|-----------|-------|-------|-------|-------|-------------------------|------|-------|------|-------|-----|----------|-------|
| | | | | | N | N-W | UC(2) | V | RC(3) | SD. | | LGTH. |
| SC2113ATZ | 32.19 | 22.50 | 11.38 | 18.00 | 4.00 | 3.75 | 1.875 | 3.50 | 1.591 | 500 | 2.50 | 355 |
| MC2113ATZ | 33.44 | 23.75 | 12.62 | 18.00 | 4.00 | 3.75 | 1.875 | 3.50 | 1.591 | 500 | 2.50 | 380 |
| LC2113ATZ | 35.06 | 25.38 | 14.25 | 18.00 | 4.00 | 3.75 | 1.875 | 3.50 | 1.591 | 500 | 2.50 | 410 |
| SC2512ATZ | 35.94 | 25.06 | 12.06 | 20.00 | 4.50 | 4.25 | 2.125 | 4.00 | 1.845 | 500 | 3.00 | 555 |
| MC2512ATZ | 37.44 | 26.56 | 13.56 | 20.00 | 4.50 | 4.25 | 2.125 | 4.00 | 1.845 | 500 | 3.00 | 590 |
| LC2512ATZ | 38.94 | 28.06 | 15.06 | 20.00 | 4.50 | 4.25 | 2.125 | 4.00 | 1.845 | 500 | 3.00 | 630 |
| MC2812ATZ | 41.62 | 29.94 | 14.25 | 22.00 | 5.00 | 4.75 | 2.375 | 4.50 | 2.021 | 625 | 3.50 | 835 |
| LC2812ATZ | 43.88 | 32.19 | 16.50 | 22.00 | 5.00 | 4.75 | 2.375 | 4.50 | 2.021 | 625 | 3.50 | 900 |

| TACHOMETER | LL |
|-------------|--------------|
| BC-42 | |
| BC-46 | |
| RD-11 | |
| RD-12 | 4.25 |
| RD-51 | |
| RD-61 | |
| RD-62 | |
| RE-210 | |
| M627, M628 | |
| M727, M737 | |
| M738 | |
| DYNAPAR 74S | |
| RE-045 | 3.80 |
| SPY | 1.12 |
| | SEE NOTE (9) |

- (1) "B" DIMENSION WILL NOT BE EXCEEDED. SHIMS UP TO .03 INCHES IN THICKNESS ARE USUALLY REQUIRED FOR COUPLED OR GEARED MACHINES.
- (2) "U" VARIES +.000 - .001
- (3) "R" VARIES +.000 - .015
- (4) TERMINAL BOX VARIES WITH H.P. FOR DIMENSIONS "AA", "AB", "AC", "AF", "X" AND "Y", SEE DRAWING NUMBER 609959-1.
- (5) WALLS OR OBSTRUCTIONS MUST NOT ENCRDACH ON AIR INLET SPACE "XC".
- (6) "FAK" VARIES +.005 - .000 ---FACE RUNDOT AND ECCENTRICITY .007 MAX. T. I. R.
- (7) "FZK" VARIES +.000 - .005 ---FACE RUNDOT AND ECCENTRICITY .007 MAX. T. I. R.
- (8) STUB SHAFT SUPPLIED ONLY WHEN SPECIFIED. KEY SIZE .188 X 1.00
- (9) FOR RE-045 OR SPY PROVISIONS ON "C2812" ADD 1.00 TO "LL" DIMENSION. TERMINAL BOX CAN BE ROTATED FOR LEAD OUTLET AT TOP, SIDES OR BOTTOM. TERMINAL BOX LOCATED ON OPPOSITE SIDE WHEN F-2, W-1, W-4, W-5, W-7, OR C-1 MOUNTING IS SPECIFIED. BOX LOCATED ON TOP WHEN SPECIFIED. MOTOR WEIGHT MAY VARY 15% FOR NON-STANDARD RATINGS AND/OR ACCESSORIES. IF MOUNTING CLEARANCE DETAILS ARE REQUIRED, CONSULT FACTORY.

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

| | | |
|--------------------------|------------------------------|-------------------|
| REV. DESC: LOADED TO BUS | VERSION: 00 | TDR: 000000577407 |
| REV. LTR: - | REVISED: 11:02:01 01/26/2011 | BY: CONNAS |
| FILE: \RGG\00015\557 | | |
| MTL: - | | |

BALDOR

DIMENSION DRAWING, SC2113ATZ - LC2812ATZ, TEFC, FOOT MTG

SH 1 of 1