

INDUSTRIAL DIRECT CURRENT MOTORS AND GENERATORS - RPM III

ENCLOSURE: DRIP-PROOF FULLY-GUARDED, SPLASHPROOF, TOTALLY ENCLOSED

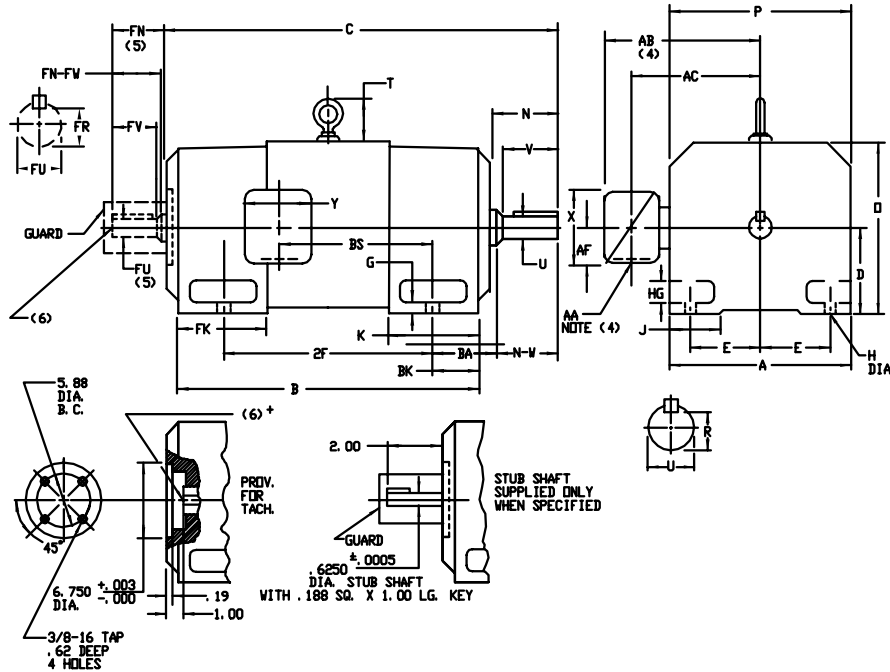
COOLING: SELF-VENTILATED NON-VENTILATED

MOUNTING: FOOT METHOD OF DRIVE: COUPLED OR BELTED

ACCESSORIES: PROVISION FOR TACHOMETER MOUNTING ONLY WHEN SPECIFIED

FRAMES SC2113ATZ THRU LC2812ATZ

DIMENSIONS ARE IN INCHES; SEE 609950-1M FOR DIMENSIONS IN MILLIMETERS



| FRAME | A | B(1) | E | G | H | HG | J | D | P | T | BA | K | FK | BK |
|---------------------|-------|------|------|-----|-----|------|------|-------|-------|------|------|------|------|------|
| SC2113ATZ-LC2113ATZ | 10.25 | 5.25 | 4.25 | .44 | .44 | 1.38 | 1.75 | 10.44 | 10.31 | 2.56 | 3.50 | 5.19 | 6.81 | 2.38 |
| SC2512ATZ-LC2512ATZ | 12.31 | 6.25 | 5.00 | .50 | .56 | 1.62 | 2.00 | 12.50 | 12.44 | 3.06 | 4.25 | 6.06 | 8.00 | 3.00 |
| LC2812ATZ-LC2812ATZ | 13.78 | 7.00 | 5.50 | .62 | .56 | 1.88 | 2.75 | 14.00 | 13.94 | 3.38 | 4.75 | 6.75 | 9.19 | 3.50 |

| FRAME | C(7) | B | BS | 2F | DRIVE END SHAFT AND KEY | | | | | | OPPOSITE DRIVE END SHAFT AND KEY(S) | | | | | | WT. LBS. | | |
|-----------|-------|-------|-------|-------|-------------------------|------|-------|------|-------|------|-------------------------------------|------|-------|-------|------|-------|----------|------|-------|
| | | | | | N | N-W | UK(2) | V | RC(3) | SQ. | LGTH. | FN | FN-FV | FK(2) | FV | FK(3) | | SQ. | LGTH. |
| SC2113ATZ | 28.38 | 22.50 | 11.38 | 18.00 | 4.00 | 3.75 | 1.875 | 3.50 | 1.591 | .500 | 2.50 | 3.50 | 3.25 | 1.625 | 3.00 | 1.416 | .375 | 2.25 | 315 |
| MC2113ATZ | 29.62 | 23.75 | 12.62 | 18.00 | 4.00 | 3.75 | 1.875 | 3.50 | 1.591 | .500 | 2.50 | 3.50 | 3.25 | 1.625 | 3.00 | 1.416 | .375 | 2.25 | 340 |
| LC2113ATZ | 31.25 | 25.38 | 14.25 | 18.00 | 4.00 | 3.75 | 1.875 | 3.50 | 1.591 | .500 | 2.50 | 3.50 | 3.25 | 1.625 | 3.00 | 1.416 | .375 | 2.25 | 370 |
| SC2512ATZ | 31.69 | 25.06 | 12.06 | 20.00 | 4.50 | 4.25 | 2.125 | 4.00 | 1.845 | .500 | 3.00 | 4.00 | 3.75 | 1.875 | 3.50 | 1.591 | .500 | 2.50 | 505 |
| MC2512ATZ | 33.19 | 26.56 | 13.56 | 20.00 | 4.50 | 4.25 | 2.125 | 4.00 | 1.845 | .500 | 3.00 | 4.00 | 3.75 | 1.875 | 3.50 | 1.591 | .500 | 2.50 | 540 |
| LC2512ATZ | 34.69 | 28.06 | 15.06 | 20.00 | 4.50 | 4.25 | 2.125 | 4.00 | 1.845 | .500 | 3.00 | 4.00 | 3.75 | 1.875 | 3.50 | 1.591 | .500 | 2.50 | 580 |
| MC2812ATZ | 37.38 | 29.94 | 14.23 | 22.00 | 5.00 | 4.75 | 2.375 | 4.50 | 2.021 | .625 | 3.50 | 4.50 | 4.25 | 2.125 | 4.00 | 1.845 | .500 | 3.00 | 775 |
| LC2812ATZ | 39.62 | 32.19 | 16.50 | 22.00 | 5.00 | 4.75 | 2.375 | 4.50 | 2.021 | .625 | 3.50 | 4.50 | 4.25 | 2.125 | 4.00 | 1.845 | .500 | 3.00 | 850 |

- (1) "D" DIMENSION WILL NOT BE EXCEEDED. SHIMS UP TO .03 INCHES IN THICKNESS ARE USUALLY REQUIRED FOR COUPLED OR GEARED MACHINES.
- (2) "U" AND "FU" VARY -1.000 - .001
- (3) "R" AND "FR" VARY -1.000 - .015
- (4) TERMINAL BOX VARIES WITH H.P. FOR DIMENSIONS "AA", "AB", "AC", "AF", "X" AND "Y", REFER TO BOX D/S. (STD. 609950-1, "X/P" 609950-2, MILL 609950-3)
- (5) OPPOSITE DRIVE END SHAFT SUPPLIED ONLY WHEN SPECIFIED.
- (6) MOTOR SHAFT TAPPED FOR SCREW-IN STUB SHAFT.
- (7) WHEN THE MOTOR APPLICATION DOES NOT REQUIRE THE USE OF DPP, DRIVE END, ADD .25 TO "C" DIM. FOR BRACKET COVER.

TERMINAL BOX CAN BE ROTATED FOR LEAD OUTLET AT TOP, SIDES OR BOTTOM. TERMINAL BOX LOCATED ON OPPOSITE SIDE WHEN F-2, U-1, V-4, W-5, W-7, OR D-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.

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|--------------------------|------------------------------|-------------------|
| REV. DESC: LOADED TO BUS | VERSION: 00 | TDR: 000000577407 |
| REV. LTR: - | REVISED: 10:21:19 01/26/2011 | BY: RGGBG |
| FILE: \RGG\00015\543 | | |
| MTL: - | | |

BALDOR

DIMENSION DRAWING, SC2113ATZ - LC2812ATZ, DPP, TENV, FOOT MTG

SH 1 of 1