

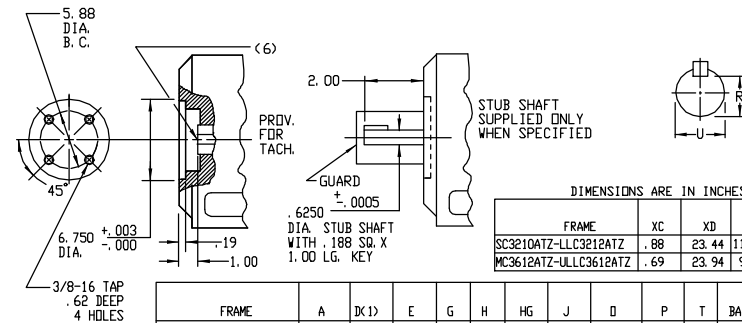
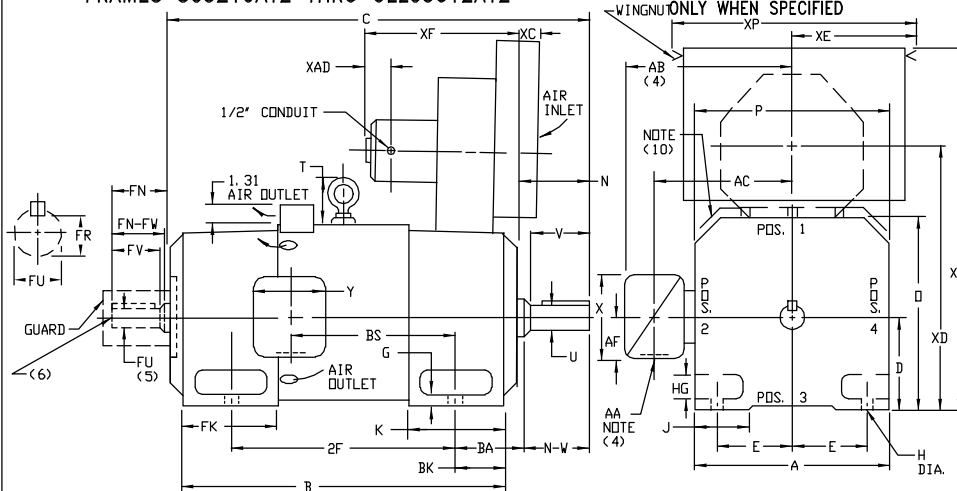
# INDUSTRIAL DIRECT CURRENT MOTORS AND GENERATORS — RPM III

ENCLOSURE: DRIP-PROOF FULLY-GUARDED,  
SPLASHPROOF  
MOUNTING: FOOT

COOLING: FORCE VENTILATED WITH  
INTEGRAL BLOWER AND  
MOTOR AIR FILTERED-  
SPECIAL BAFFLE

ACCESSORIES: PROVISION FOR  
TACHOMETER MOUNTING  
ONLY WHEN SPECIFIED

FRAMES SC3210ATZ THRU ULLC3612ATZ



DIMENSIONS ARE IN INCHES

| FRAME                 | XC  | XD    | XE    | XF    | XD    | XP    | XAD  |
|-----------------------|-----|-------|-------|-------|-------|-------|------|
| SC3210ATZ-LLC3212ATZ  | .88 | 23.44 | 11.25 | 17.69 | 38.63 | 22.50 | 3.06 |
| MC3612ATZ-ULLC3612ATZ | .69 | 23.94 | 9.83  | 18.81 | 38.25 | 22.50 | <11> |

| FRAME                 | A     | DK1  | E    | G   | H   | HG   | J    | D     | P     | T    | BA   | K    | FK   | STD. LG(B) | BK   |
|-----------------------|-------|------|------|-----|-----|------|------|-------|-------|------|------|------|------|------------|------|
| SC3210ATZ-LLC3212ATZ  | 15.50 | 8.00 | 6.25 | .75 | .69 | 2.25 | 3.00 | 15.81 | 15.62 | 4.25 | 5.25 | 6.75 | 7.94 | 10.44      | 4.00 |
| MC3612ATZ-ULLC3612ATZ | 17.50 | 9.00 | 7.00 | .88 | .81 | 2.62 | 3.50 | 17.81 | 17.62 | 4.25 | 5.88 | 7.25 | 8.56 | 10.31      | 4.62 |

| FRAME                  | METHOD OF DRIVE | C(7)  |       | B     |       | BS    | 2F    | DRIVE END SHAFT AND KEY |      |       |      |       |      | OPPOSITE DRIVE END SHAFT AND KEY (5) |      |       |        |      |       | WT. LBS. |      |       |
|------------------------|-----------------|-------|-------|-------|-------|-------|-------|-------------------------|------|-------|------|-------|------|--------------------------------------|------|-------|--------|------|-------|----------|------|-------|
|                        |                 | STD.  | LG(B) | STD.  | LG(B) |       |       | N                       | N-W  | UK(2) | V    | R(3)  | SQ.  | LGTH.                                | FN   | FN-FW | FUK(2) | FV   | FR(3) |          | SQ.  | LGTH. |
| SC3210ATZ- LSC3210ATZ  | (9)             | 36.25 | 38.75 | 28.31 | 30.81 | 13.38 | 20.00 | 5.50                    | 5.25 | 2.625 | 5.00 | 2.275 | .625 | 4.00                                 | 4.75 | 4.50  | 2.250  | 4.25 | 1.972 | 500      | 3.25 | 1115  |
| MC3212ATZ- LMC3212ATZ  | (9)             | 39.25 | 41.75 | 31.31 | 33.81 | 16.38 | 25.00 | 5.50                    | 5.25 | 2.625 | 5.00 | 2.275 | .625 | 4.00                                 | 4.75 | 4.50  | 2.250  | 4.25 | 1.972 | 500      | 3.25 | 1210  |
| LC3212ATZ- LLC3212ATZ  | (9)             | 41.25 | 43.75 | 33.31 | 35.81 | 18.38 | 25.00 | 5.50                    | 5.25 | 2.625 | 5.00 | 2.275 | .625 | 4.00                                 | 4.75 | 4.50  | 2.250  | 4.25 | 1.972 | 500      | 3.25 | 1290  |
| UMC3212ATZ-ULMC3212ATZ | BELTED          | 39.75 | 42.25 | 31.31 | 33.81 | 16.38 | 25.00 | 6.00                    | 5.75 | 2.875 | 5.50 | 2.450 | .750 | 4.25                                 | 4.75 | 4.50  | 2.250  | 4.25 | 1.972 | 500      | 3.25 | 1180  |
| MC3612ATZ- LMC3612ATZ  | COUPLED         | 42.88 | 44.62 | 34.44 | 36.19 | 18.12 | 28.00 | 6.00                    | 5.75 | 2.875 | 5.50 | 2.450 | .750 | 4.25                                 | 6.00 | 5.75  | 2.875  | 5.50 | 2.450 | 750      | 4.25 | 1685  |
| UMC3612ATZ-ULMC3612ATZ | BELTED          | 43.62 | 45.38 | 34.44 | 36.19 | 18.12 | 28.00 | 6.75                    | 6.50 | 3.250 | 6.25 | 2.831 | .750 | 5.00                                 | 6.00 | 5.75  | 2.875  | 5.50 | 2.450 | 750      | 4.25 | 1695  |
| LC3612ATZ- LLC3612ATZ  | COUPLED         | 46.62 | 48.38 | 38.19 | 39.94 | 21.88 | 28.00 | 6.00                    | 5.75 | 2.875 | 5.50 | 2.450 | .750 | 4.25                                 | 6.00 | 5.75  | 2.875  | 5.50 | 2.450 | 750      | 4.25 | 1850  |
| ULC3612ATZ-ULLC3612ATZ | BELTED          | 47.38 | 49.12 | 38.19 | 39.94 | 21.88 | 28.00 | 6.75                    | 6.50 | 3.250 | 6.25 | 2.831 | .750 | 5.00                                 | 6.00 | 5.75  | 2.875  | 5.50 | 2.450 | 750      | 4.25 | 1860  |

- (1) "D" DIMENSION WILL NOT BE EXCEEDED. SHIMS UP .06 INCHES IN THICKNESS ARE USUALLY REQUIRED FOR COUPLED OR GEARED MACHINES.  
(2) "UP" AND "FLP" VARY----- .000 - .015  
(3) "R" AND "FR" VARY----- .000 - .015  
(4) TERMINAL BDX VARIES WITH H.P. FOR DIMENSIONS "AA", "AB", "AC", "AF", "X" AND "Y". REFER TO BDX D/S. (STD. 609979-1, "X/P" 609979-2, MILL 609979-3)  
(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.  
(8) DIMENSION FOR FRAMES WITH PREFIX LSC, LMC, LLC, ULMC, OR ULLC.  
(9) METHOD OF DRIVE: COUPLED OR BELTED.

- (10) FOR HORIZONTAL APPLICATIONS ONLY.  
(11) "XAD" DIMENSION IS NOT APPLICABLE TO C360 FRAMES. (BLOWER MOTOR HAS CONDUIT BOX.)  
TERMINAL BDX CAN BE ROTATED FOR LEAD OUTLET AT TOP, SIDES OR BOTTOM.  
TERMINAL BDX LOCATED ON OPPOSITE SIDE WHEN F-2, W-1, W-4, W-5, W-7, OR C-1 MOUNTING IS SPECIFIED.  
BDX LOCATED ON TOP WHEN SPECIFIED.  
BLOWER ASSEMBLY CAN BE LOCATED AT POSITIONS 1, 2, OR 4.  
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 |                              |                   |
| REV. LTR: -              | VERSION: 00                  | TDR: 000000577407 |
| FILE: \RG6\00015\628     | REVISED: 01:15:54 01/26/2011 | BY: CONNAS        |
| MTL: -                   |                              |                   |

**BALDOR**

DIMENSION DRAWING, SC3210ATZ - ULLC3612ATZ, DPP, FOOT MTG.

SH 1 of 1