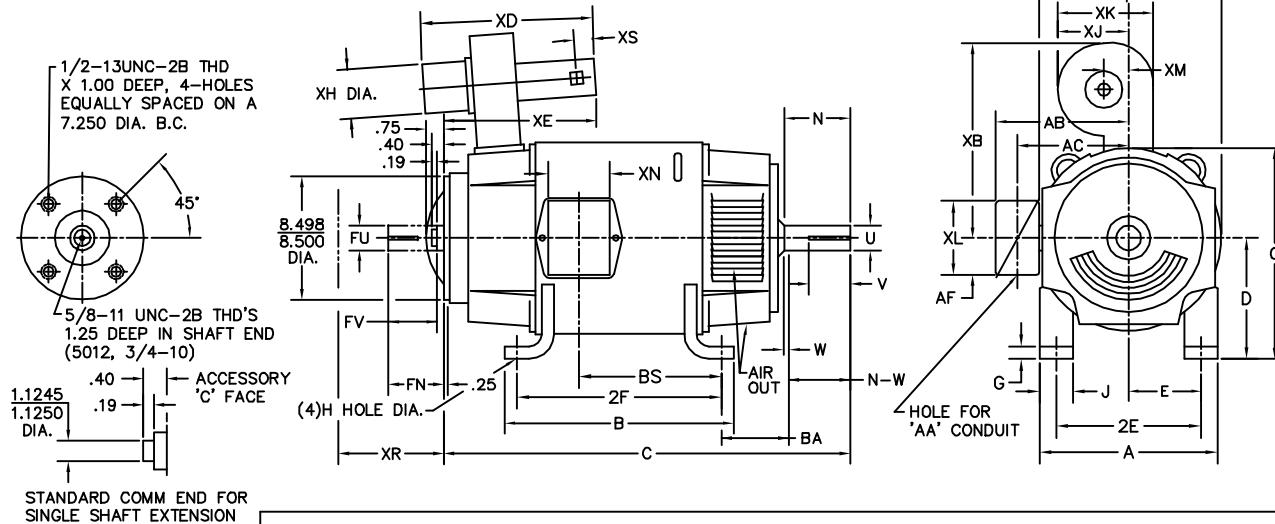
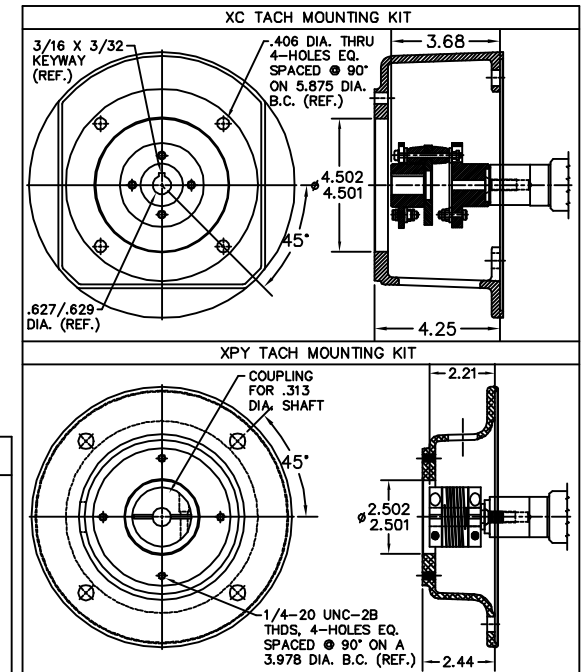




STANDARD COMM END FOR  
SINGLE SHAFT EXTENSION

STANDARD TACHOMETER MOUNTINGS

| TACHOMETER | XPY TACHOMETER | DPY TACHOMETER | NCS & AC TACHOMETER | XC 42 & 46 TACHOMETER | XPY II |
|------------|----------------|----------------|---------------------|-----------------------|--------|
| TACH       | XR             | LBS            | FIG #               |                       |        |
| XPY        | 9.00           | 6.00           | 1                   |                       |        |
| DPY        | 6.91           | 3.00           | 2                   |                       |        |
| NCS        | 3.25           | 7.00           | 3                   |                       |        |
| AC         | 2.77           | 7.00           | 3                   |                       |        |
| XC42       | 12.49          | 25.00          | 4                   |                       |        |
| XC46       | 14.50          | 35.00          | 4                   |                       |        |
| XPYII      | 6.89           | 15.00          | 5                   |                       |        |



| FOOT MOUNTING |      |       |       |      |       |      | D.E. SHAFT EXTENSION |      |       |                   |     | DRIVE KEY |          | ACC SHAFT EXTENSION |       |      | ACC KEY |          | FRAME |       |       |                    |       |       |
|---------------|------|-------|-------|------|-------|------|----------------------|------|-------|-------------------|-----|-----------|----------|---------------------|-------|------|---------|----------|-------|-------|-------|--------------------|-------|-------|
| FRAME         | BA   | E     | 2F    | G    | H     | J    | N                    | N-W  | U     | V                 | W   | KEY-SQ.   | KEY-LONG | FN                  | FU    | FV   | KEY-SQ. | KEY-LONG | A     | B     | C     | D                  | O     | P     |
| 504AT         | 8.50 | 10.00 | 16.00 | 1.18 | 1.188 | 4.50 | 6.76                 | 6.57 | 3.250 | 6.32 <sup>3</sup> | .19 | .750      | 5.25     | 5.95                | 2.875 | 5.70 | .750    | 5.00     | 24.88 | 18.88 | 45.00 | 12.50 <sup>2</sup> | 24.91 | 24.81 |
| 506AT         | 8.50 | 10.00 | 20.00 | 1.18 | 1.188 | 4.50 | 6.76                 | 6.57 | 3.250 | 6.32 <sup>3</sup> | .19 | .750      | 5.25     | 5.95                | 2.875 | 5.70 | .750    | 5.00     | 24.88 | 22.88 | 49.00 | 12.50 <sup>2</sup> | 24.91 | 24.81 |
| 508AT         | 8.50 | 10.00 | 25.00 | 1.18 | 1.188 | 4.50 | 6.76                 | 6.57 | 3.250 | 6.32 <sup>3</sup> | .19 | .750      | 5.25     | 5.95                | 2.875 | 5.70 | .750    | 5.00     | 24.88 | 27.88 | 54.00 | 12.50 <sup>2</sup> | 24.91 | 24.81 |
| 5010AT        | 8.50 | 10.00 | 32.00 | 1.18 | 1.188 | 4.50 | 6.76                 | 6.57 | 3.250 | 6.32 <sup>3</sup> | .19 | .750      | 5.25     | 5.95                | 2.875 | 5.70 | .750    | 5.00     | 24.88 | 34.88 | 61.00 | 12.50 <sup>2</sup> | 24.91 | 24.81 |
| 5011AT        | 8.50 | 10.00 | 36.00 | 1.18 | 1.188 | 4.50 | 6.76                 | 6.57 | 3.375 | 6.32 <sup>3</sup> | .19 | .875      | 5.25     | 5.95                | 2.875 | 5.70 | .750    | 5.00     | 24.88 | 38.88 | 65.00 | 12.50 <sup>2</sup> | 24.91 | 24.81 |
| 5012AT        | 8.50 | 10.00 | 43.00 | 1.18 | 1.188 | 4.50 | 7.06                 | 6.87 | 4.250 | 6.62 <sup>3</sup> | .19 | 1.000     | 5.25     | 5.95                | 2.875 | 5.70 | 1.000   | 5.00     | 24.88 | 45.88 | 73.75 | 12.50 <sup>2</sup> | 24.91 | 24.91 |

| CONDUIT BOX |                |       |       |      |       |       | BLOWER |      |       |       |       |       |      |       |       |      | ARM<br>APPROX.<br>WK <sup>2</sup><br>LBS.FT. <sup>2</sup> | APPROXIMATE<br>WEIGHT |
|-------------|----------------|-------|-------|------|-------|-------|--------|------|-------|-------|-------|-------|------|-------|-------|------|-----------------------------------------------------------|-----------------------|
| FRAME       | AA             | AB    | AC    | AF   | BS    | XL    | XN     | SIZE | XB    | XD    | XE    | XH    | XM   | XJ    | XK    | XS   |                                                           |                       |
| 504AT       | 3              | 20.65 | 16.81 | 2.62 | 13.25 | 11.63 | 7.76   | LM8  | 25.50 | 27.38 | 20.94 | 10.75 | 5.50 | 12.38 | 15.25 | 3.75 | 79.10                                                     | 1957 <sup>5</sup>     |
| 506AT       | 3              | 20.65 | 16.81 | 2.62 | 17.25 | 11.63 | 7.76   | LM8  | 25.50 | 27.38 | 20.94 | 10.75 | 5.50 | 12.38 | 15.25 | 3.75 | 98.76                                                     | 2337 <sup>5</sup>     |
| 508AT       | 3              | 20.65 | 16.81 | 2.62 | 22.25 | 11.63 | 7.76   | LM8  | 25.50 | 27.38 | 20.94 | 10.75 | 5.50 | 12.38 | 15.25 | 3.75 | 121.87                                                    | 2867 <sup>5</sup>     |
| 5010AT      | 4 <sup>4</sup> | 21.20 | 16.81 | 2.84 | 30.12 | 13.40 | 13.50  | LM9  | 25.50 | 28.31 | 20.94 | 10.75 | 5.50 | 12.38 | 15.25 | 3.75 | 156                                                       | 3520 <sup>5</sup>     |
| 5011AT      | 4 <sup>4</sup> | 21.20 | 16.81 | 2.84 | 34.12 | 13.40 | 13.50  | LM9  | 25.50 | 28.31 | 21.88 | 10.75 | 5.50 | 12.38 | 15.25 | 3.75 | 161                                                       | 3880 <sup>5</sup>     |
| 5012AT      | 4 <sup>4</sup> | 21.20 | 17.19 | 2.84 | 41.12 | 13.40 | 13.50  | LM9  | 25.50 | 28.31 | 21.88 | 10.75 | 5.50 | 12.38 | 15.25 | 3.75 | 170                                                       | 5177 <sup>5</sup>     |

- 1) SHAFT DIAMETERS TO 1.500 TOLERANCE +.0000 -.0005.  
SHAFT DIAMETERS ABOVE 1.500 TOLERANCE +.0000 -.0010  
SHAFT DIAMETERS TO 1.625 RUNOUT .002 T.I.R. MAX.  
SHAFT DIAMETERS ABOVE 1.625 RUNOUT .003 T.I.R. MAX.
- 2) 'D' DIMENSION TOLERANCE +.000 -.060
- 3) 'V' DIMENSION IS MAX. HUB LENGTH ON SHAFT
- 4) THERE ARE TWO HOLES FOR 4" CONDUIT, SECOND HOLE IS 6" TOWARD DRIVE END.
- 5) TOTAL WEIGHT OF MOTOR AND BLOWER LESS TACH WEIGHT.
- 6) ALL DIMENSIONS NOT NOTED ARE NOMINAL DIMENSIONS CONSULT FACTORY FOR TOLERANCES.

FOR F1 OR F2 CONDUIT BOX  
LOCATION SEE SALES ORDER

CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT MOTOR PERFORMANCE IS SUITABLE IN THE APPLICATION.

REV. DESC: CHG (5011)U DIM TO 3.375, KEY-SQ TO .875

REV. LTR: G BY: MBT REVISED: 15:36:36 07/17/2002 TDR: 273841

9-9221

FILE: CHB00001076

REF: 1336-6

MTL: -

BALDOR ELECTRIC Co.

DIM SHEET: 504-5012AT,DPBV,W/TACH