

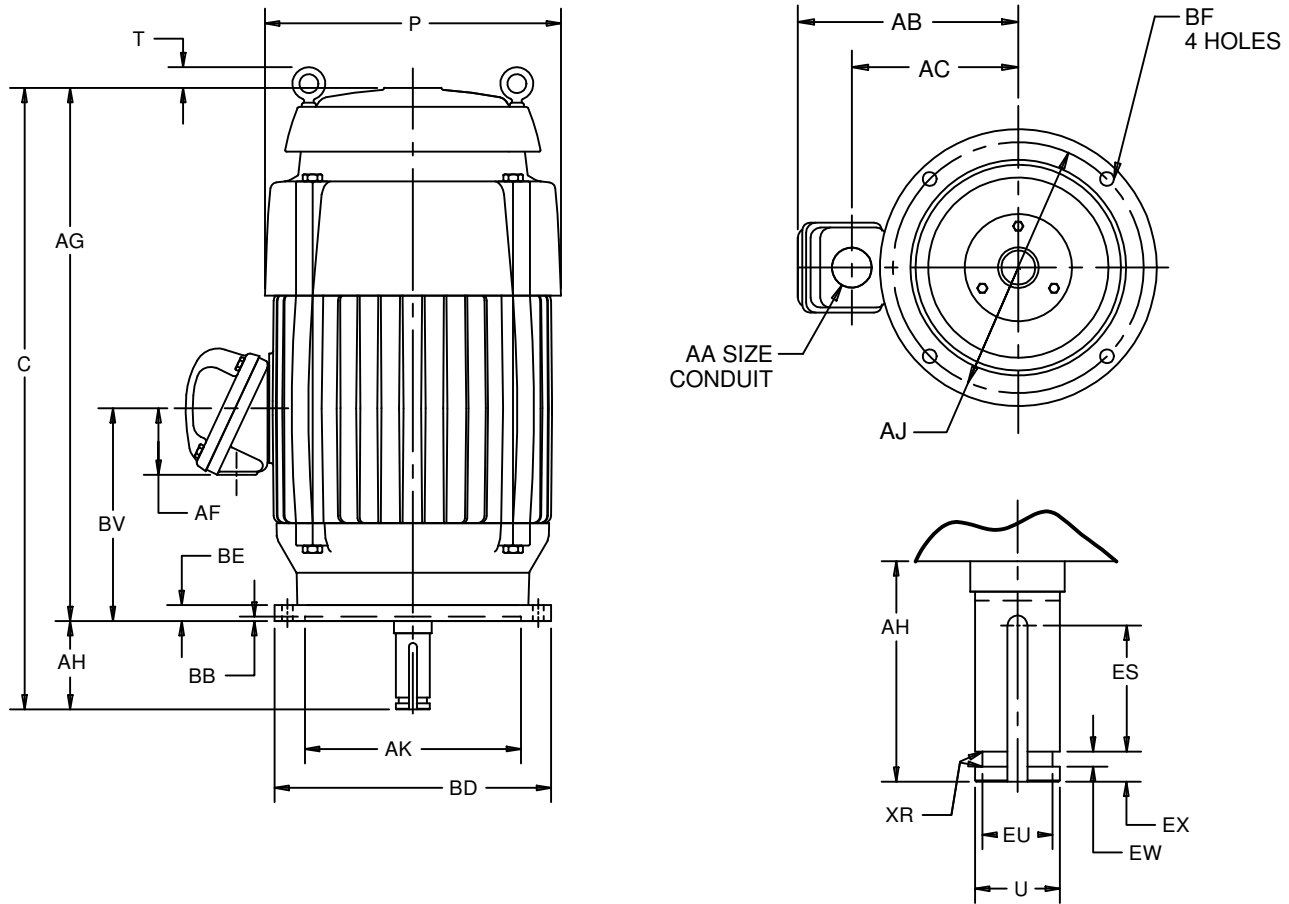
EFFECTIVE:  
**21-JUL-11**

**VERTICAL MOTORS**  
TEFC - WITH CAST IRON CONDUIT BOX  
FRAME: 324, 326VP, VPH  
BASIC TYPE: TV, TVC

PRINT:  
**09-2393**

SUPERSEDES:  
**01-OCT-07**

SHEET:  
**1 OF 1**



ALL DIMENSIONS ARE IN INCHES AND MILLIMETERS

| UNITS | C     | P <sup>2</sup> | T   | U<br>-.001 | AA    | AB    | AC    | AF   | AG    |
|-------|-------|----------------|-----|------------|-------|-------|-------|------|-------|
| IN    | 34.69 | 17.00          | .88 | 1.625      | 2 NPT | 14.25 | 10.75 | 3.25 | 30.19 |
| MM    | 881   | 432            | 22  | 41.28      |       | 362   | 273   | 83   | 767   |

| UNITS | AH<br>±.063 | BE   | BV    | ES<br>MIN | EU<br>-.005 | EW<br>+.002 | EX<br>-.005 | XR  | SQ<br>KEY |
|-------|-------------|------|-------|-----------|-------------|-------------|-------------|-----|-----------|
| IN    | 4.500       | 1.00 | 11.94 | 3.03      | 1.250       | .375        | .750        | .03 | .375      |
| MM    | 114.30      | 25   | 303   | 77        | 31.75       | 9.53        | 19.05       | 1   | 9.53      |

| FRAME  | UNITS | AJ     | AK     | BB<br>MIN | BD<br>MAX | BF  |
|--------|-------|--------|--------|-----------|-----------|-----|
| 320VP  | IN    | 14.750 | 13.500 | .25       | 16.50     | .69 |
|        | MM    | 374.65 | 342.90 | 6         | 419       | 18  |
| 320VPH | IN    | 9.125  | 8.250  | .19       | 12.00     | .44 |
|        | MM    | 231.78 | 209.55 | 5         | 305       | 11  |

1. ALL ROUGH DIMENSIONS MAY VARY BY .25" DUE TO CASTING AND/OR FABRICATION VARIATIONS.
2. LARGEST MOTOR WIDTH.
3. CONDUIT OPENINGS MAY BE LOCATED IN STEPS OF 90 DEGREES REGARDLESS OF LOCATION. STANDARD AS SHOWN WITH CONDUIT OPENING DOWN.
4. TOLERANCES SHOWN ARE IN INCHES ONLY.

| TOLERANCES                                  | 8.250 AK    | 13.500 AK   |
|---|-------------|-------------|
| FACE RUNOUT                                 | .004 T.I.R. | .007 T.I.R. |
| PERMISSIBLE ECCENTRICITY OF MOUNTING RABBET | .004 T.I.R. | .007 T.I.R. |
| PERMISSIBLE SHAFT RUNOUT                    | .002 T.I.R. | .002 T.I.R. |
| TOLERANCE ON AK-DIMENSION                   | +.003       | +.005       |
| FOR SPECIAL SHAFT RUNOUT                    | .001 T.I.R. | .001 T.I.R. |

09-2393/E

**Nidec Motor Corporation**  
St. Louis, Missouri

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