

EFFECTIVE:
10-MAY-11

HORIZONTAL MOTORS

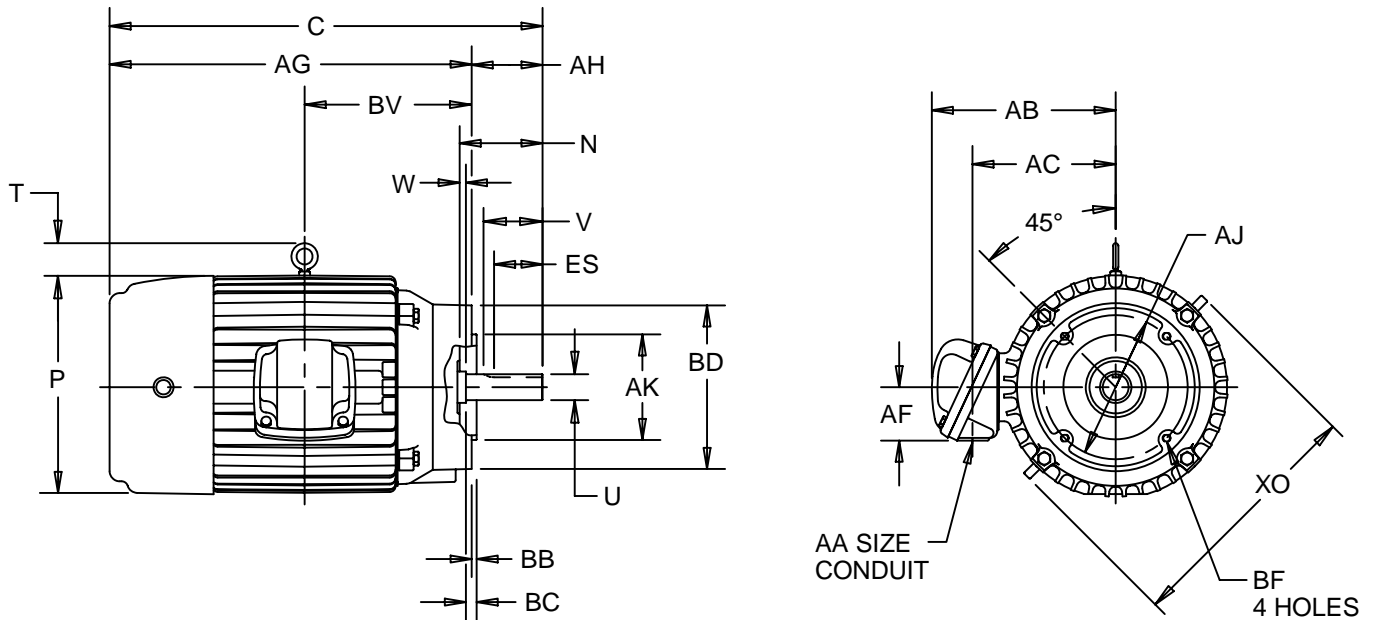
W/ NEMA "C" BRACKET AND CAST IRON CONDUIT BOX

PRINT:
07-2547

SUPERSEDES:
15-JAN-03

FRAME: 182, 184TCH
BASIC TYPE: CE, CT, TC

SHEET:
1 OF 1



ALL DIMENSIONS ARE IN INCHES AND MILLIMETERS

| UNITS | C | N | P ⁶ | T ⁷ | U -.0005 | V MIN | W | AA | AB | AC | AF | AG |
|-------|-------|------|----------------|----------------|-------------|----------|-----|---------|------|------|------|-------|
| IN | 17.44 | 2.94 | 9.50 | 2.06 | 1.1250 | 2.63 | .19 | 3/4 NPT | 7.88 | 5.75 | 2.13 | 14.81 |
| MM | 443 | 75 | 241 | 52 | 58.575 | 67 | 5 | | 200 | 146 | 54 | 376 |

| UNITS | AH | AJ | AK -.003 | BB -.06 | BC | BD | BF ² | BV | ES MIN | XO | SQ KEY |
|-------|------|--------|-------------|------------|-----|------|-----------------|------|-----------|-------|-----------|
| IN | 2.63 | 5.875 | 4.500 | .16 | .13 | 6.50 | 3/8-16 X .56 | 6.25 | 1.78 | 12.38 | .250 |
| MM | 67 | 149.23 | 114.30 | 4 | 3 | 165 | | 159 | 45 | 314 | 6.35 |

| TOLERANCES | |
|---|-------------|
| FACE RUNOUT | .004 T.I.R. |
| PERMISSIBLE ECCENTRICITY OF MOUNTING RABBET | .004 T.I.R. |
| PERMISSIBLE SHAFT RUNOUT | .002 T.I.R. |
| FOR SPECIAL SHAFT RUNOUT | .001 T.I.R. |

- 1: ALL ROUGH DIMENSIONS MAY VARY BY .25" DUE TO CASTING AND/OR FABRICATION VARIATIONS.
- 2: TAP SIZE AND BOLT PENETRATION ALLOWANCE.
- 3: ALL TAPPED HOLES ARE UNIFIED NATIONAL COARSE, RIGHT HAND THREAD.
- 4: TOLERANCE SHOWN ARE IN INCHES ONLY.

- 5: CONDUIT BOX MAY BE LOCATED ON EITHER SIDE OF MOTOR. CONDUIT OPENINGS MAY BE LOCATED IN STEPS OF 90 DEGREES REGARDLESS OF LOCATION. STANDARD AS SHOWN WITH CONDUIT OPENING DOWN.
- 6: LARGEST MOTOR WIDTH.
- 7: THIS UNIT MAY HAVE HORIZONTAL LIFTING, VERTICAL LIFTING OR BOTH.

07-2547/A

Nidec Motor Corporation
St. Louis, Missouri

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