

EFFECTIVE:
05-DEC-12

SUPERSEDES:
13-JUL-11

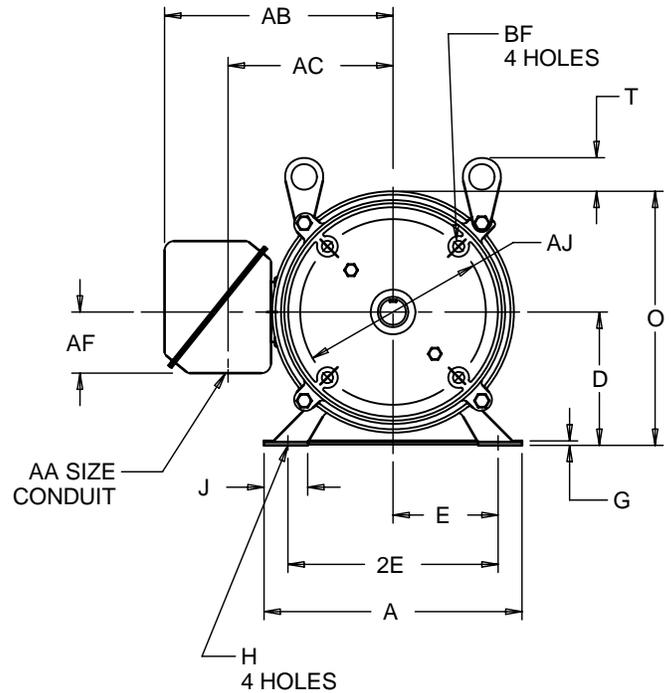
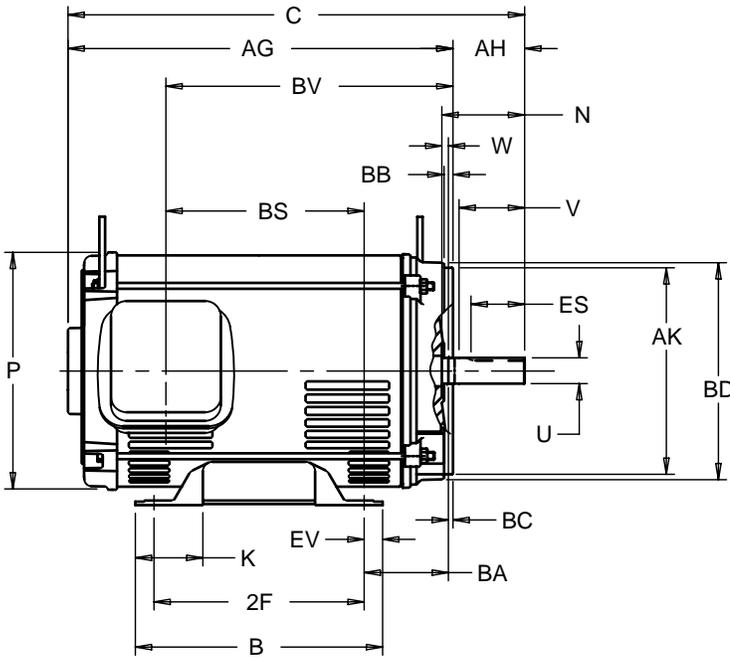
HORIZONTAL MOTORS

OPEN DRIP PROOF C-FACE

FRAME: 210TC
BASIC TYPE: D

PRINT:
07-2035

SHEET:
1 OF 1



ALL DIMENSIONS ARE IN INCHES AND MILLIMETERS

| UNITS | A | D -.06 | E | 2E ±.03 | G | H +.05 | J | K | N | O | P ² | T | U -.0005 | V MIN | W |
|-------|------|-----------|------|------------|-----|-----------|------|------|------|------|----------------|------|-------------|----------|-----|
| IN | 9.50 | 5.25 | 4.25 | 8.50 | .19 | .41 | 1.00 | 1.00 | 3.50 | 9.96 | 9.42 | 1.25 | 1.3750 | 3.25 | .13 |
| MM | 241 | 133 | 108 | 216 | 5 | 10 | 25 | 25 | 89 | 253 | 239 | 32 | 34.925 | 83 | 3 |

| UNITS | AA | AB | AC | AF | AH | AJ | AK -.003 | BA | BB MIN | BC | BD MAX | BF | ES MIN | EV | SQ KEY |
|-------|------|------|------|------|------|--------|-------------|------|-----------|-----|-----------|--------------|-----------|-----|-----------|
| IN | 1.00 | 7.60 | 6.40 | 2.13 | 3.13 | 7.250 | 8.500 | 4.25 | .25 | .25 | 9.00 | 1/2-13 X .75 | 2.41 | .50 | .313 |
| MM | | 193 | 163 | 54 | 80 | 184.15 | 215.90 | 108 | 6 | 6 | 229 | | 61 | 13 | 7.95 |

| FRAME | UNITS | B | C | AG | BS | BV | 2F ±.03 |
|-------|-------|------|-------|-------|------|-------|------------|
| 213TC | IN | 6.50 | 16.75 | 13.50 | 6.66 | 11.06 | 5.50 |
| | MM | 165 | 425 | 343 | 169 | 281 | 140 |
| 215TC | IN | 8.00 | 18.25 | 15.00 | 8.13 | 12.56 | 7.00 |
| | MM | 203 | 464 | 381 | 207 | 319 | 178 |

- 1: ALL ROUGH DIMENSIONS MAY VARY BY .25" DUE TO CASTING AND/OR FABRICATION VARIATIONS.
- 2: LARGEST MOTOR WIDTH.
- 3: TAP SIZE AND BOLT PENETRATION ALLOWANCE.
- 4: ALL TAPPED HOLES ARE UNIFIED NATIONAL COARSE, RIGHT HAND THREAD.
- 5: CONDUIT BOX MAY BE LOCATED ON EITHER SIDE AND CONDUIT OPENING MAY BE LOCATED IN STEPS OF 90 DEGREES REGARDLESS OF LOCATION. STANDARD AS SHOWN WITH CONDUIT OPENING DOWN.
- 6: TOLERANCES SHOWN ARE IN INCHES ONLY.
- 7: FRAME REFERENCE: 10.530/213//12.030/215

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

07-2035/E

Nidec Motor Corporation
St. Louis, Missouri

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IHP_DP_NMCA (MAR-2011) SOLIDEDGE