

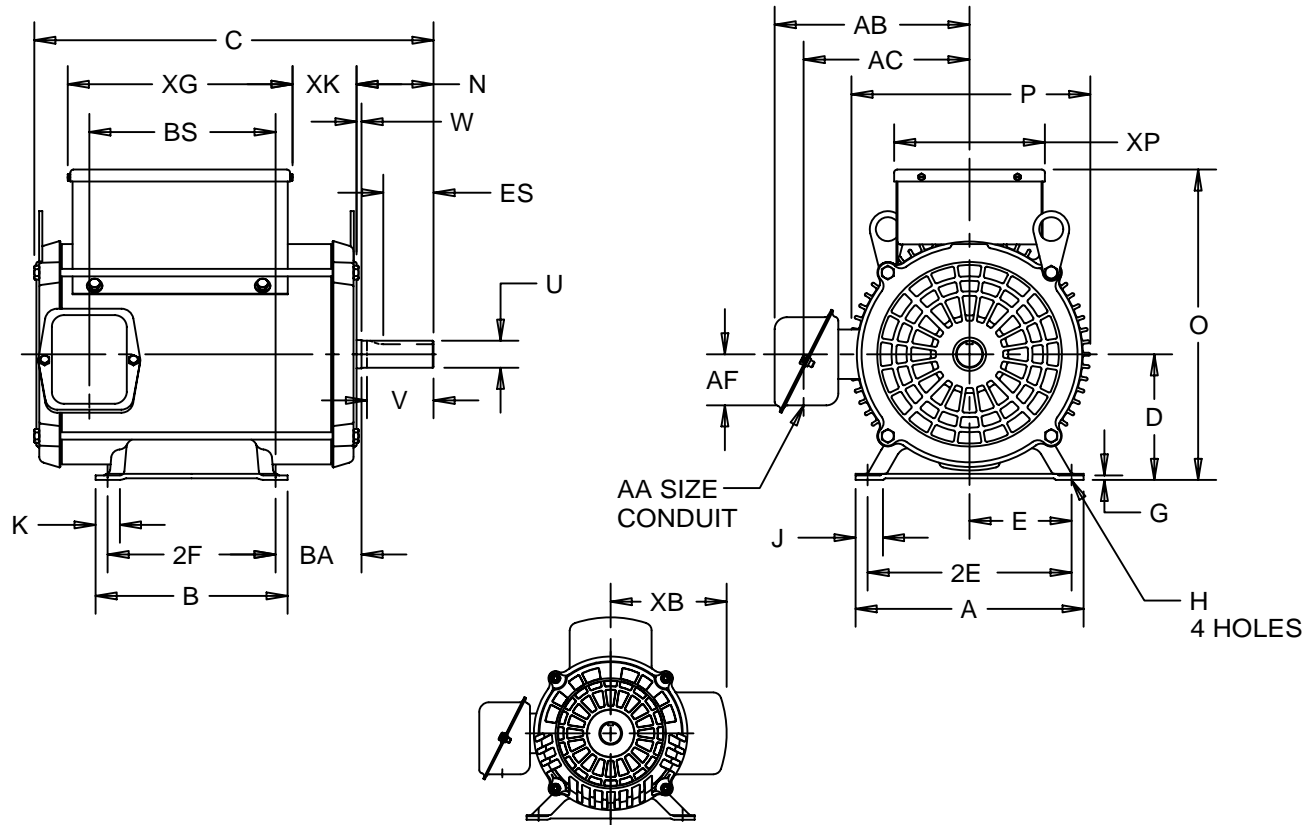
EFFECTIVE:
01-JUL-11

SUPERSEDES:
01-JAN-93

HORIZONTAL MOTORS
OPEN DRIPPROOF SINGLE PHASE
FRAME: 182T THRU 215T
BASIC TYPE: DM

PRINT:
07-1440

SHEET:
1 OF 1



184T, 5 HP
ONLY

ALL DIMENSIONS ARE IN INCHES AND MILLIMETERS

| FRAME | UNITS | A | B | D -.06 | E | 2E | G | H | J | K | N | P ² |
|-----------|-------|------|------|-----------|------|------|-----|-----|------|------|------|----------------|
| 182T,184T | IN | 8.75 | 6.50 | 4.50 | 3.75 | 7.50 | .19 | .44 | 1.13 | 2.00 | 2.88 | 8.00 |
| | MM | 222 | 165 | 114 | 95 | 191 | 5 | 11 | 29 | 51 | 73 | 203 |
| 215T | IN | 9.50 | 8.00 | 5.25 | 4.25 | 8.50 | .19 | .44 | 1.06 | 1.06 | 3.50 | 9.44 |
| | MM | 241 | 203 | 133 | 108 | 216 | 5 | 11 | 27 | 25 | 89 | 240 |

| FRAME | UNITS | U -.0005 | V MIN | W | AA | AB | AC | AF | BA | ES MIN | SQ KEY |
|-----------|-------|-------------|----------|-----|------|------|------|------|------|-----------|-----------|
| 182T,184T | IN | 1.1250 | 2.69 | .13 | .75 | 6.84 | 5.63 | 2.13 | 2.75 | 1.81 | .250 |
| | MM | 28.575 | 68 | 3 | 19 | 174 | 143 | 54 | 70 | 46 | 6.35 |
| 215T | IN | 1.3750 | 3.22 | .13 | 1.00 | 7.56 | 6.38 | 2.13 | 3.50 | 2.44 | .313 |
| | MM | 34.925 | 88 | 3 | 25 | 192 | 162 | 54 | 89 | 62 | 7.95 |

| FRAME | UNITS | HP | C | 2F | O | BS | XB | XG | XK | XP |
|-------|-------|-------|-------|------|-------|-------|------|------|------|------|
| 182T | IN | 2 | 14.75 | 4.50 | 10.41 | 5.72 | - | 4.94 | 4.00 | 2.19 |
| | MM | | 375 | 114 | 264 | 145 | - | 125 | 102 | 56 |
| 184T | IN | 3 | 15.75 | 5.50 | 10.41 | 6.72 | - | 4.94 | 5.00 | 2.19 |
| | MM | | 400 | 140 | 264 | 171 | - | 125 | 127 | 56 |
| 184T | IN | 5 | 16.25 | 5.50 | 10.53 | 7.22 | 6.03 | 6.03 | 4.81 | 4.25 |
| | MM | | 413 | 140 | 267 | 183 | 153 | 153 | 123 | 108 |
| 215T | IN | 7 1/2 | 19.88 | 7.00 | 13.06 | 10.25 | - | 9.38 | 5.56 | 6.28 |
| | MM | | 505 | 178 | 332 | 260 | - | 238 | 141 | 160 |
| 215T | IN | 10 | 19.88 | 7.00 | 14.31 | 10.25 | - | 9.38 | 5.56 | 6.28 |
| | MM | | 505 | 178 | 363 | 260 | - | 238 | 141 | 160 |

1: ALL ROUGH CASTING 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° STANDARD AS SHOWN WITH CONDUIT OPENING DOWN.

07-1440/A

Nidec Motor Corporation
St. Louis, Missouri

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IHP_DP_NMCA (MAR-2011) SOLIDEDGE