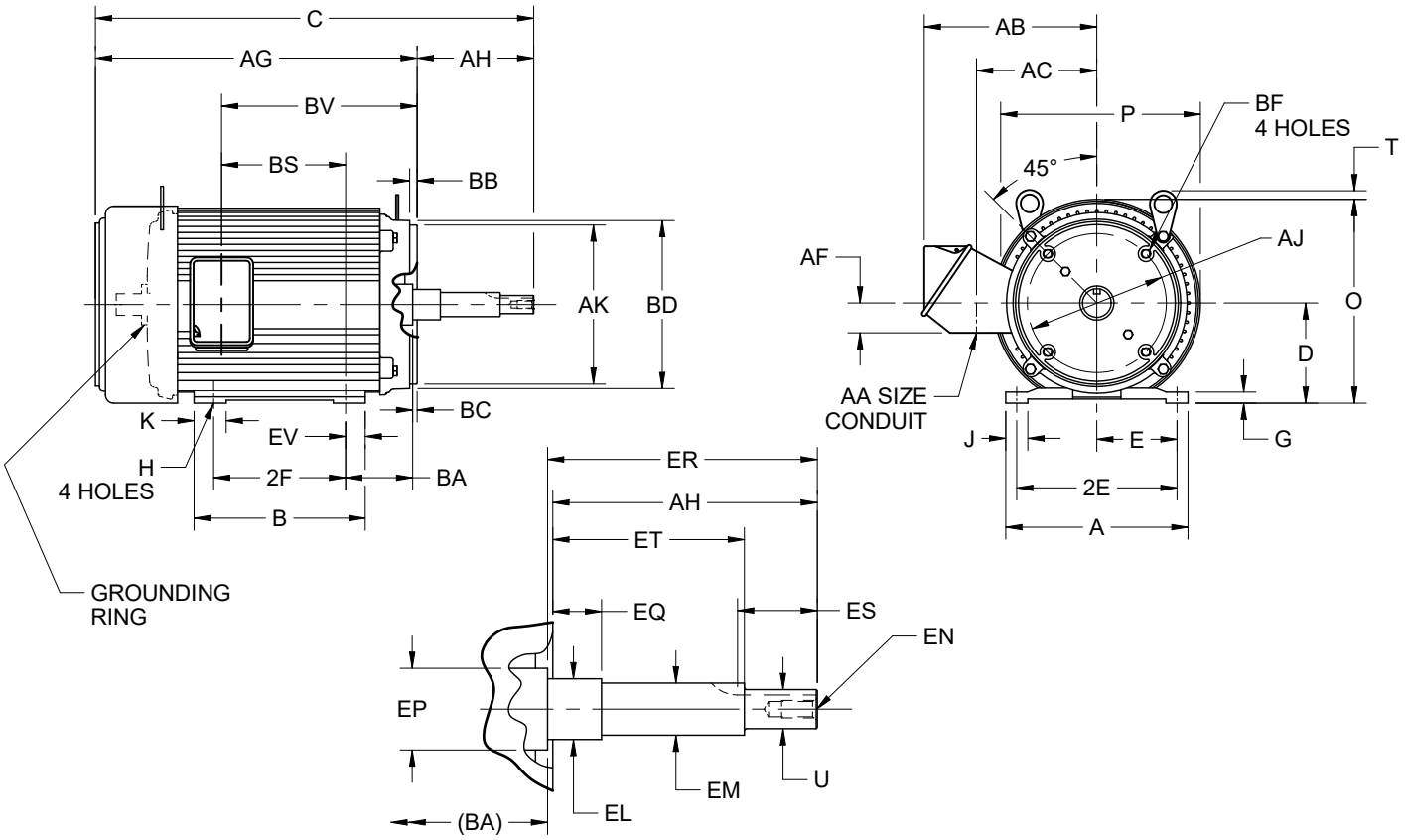
| EFFECTIVE: 29-APR-25 | DIMENSION PRINT<br>UNIMOUNT CLOSE-COUPLED PUMP, AGR ON ODE<br>FRAME: 280JM<br>BASIC TYPE: UTI-4 | PRINT: 07-3690 |
|---|---|---|
| SUPERSEDES: NEW | | SHEET: 1 OF 1 |




ALL DIMENSIONS ARE IN INCHES AND MILLIMETERS

| | UNITS | A | C | D -.06 | E | 2E ±.03 | G | H +.05 | J | K | O | P [2] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | IN | 12.88 | 29.13 | 7.00 | 5.50 | 11.00 | .70 | .53 | 1.88 | 2.63 | 13.69 | 13.38 |
| | MM | 327 | 740 | 178 | 140 | 279 | 18 | 13 | 48 | 67 | 348 | 340 |

| | UNITS | T | U -.0005 | AA | AB | AC | AF | AG | AH ±.031 | AJ | AK +.005 | BA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | IN | 0 | 1.2495 | 1.50 | 10.81 | 8.25 | 2.13 | 23.88 | 5.250 | 11.000 | 12.500 | 4.75 |
| | MM | 0 | 31.737 | | 275 | 210 | 54 | 607 | 133.35 | 279.40 | 317.50 | 121 |

| | UNITS | BB -.062 | BC | BD MAX | BF [7] | BS | BV | EL -.002 | EM -.0005 | EN [7] | EP MIN | EQ ±.015 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | IN | .313 | .25 | 14.00 | 5/8 -11 X .94 | 10.63 | 15.63 | 1.750 | 1.3750 | 1/2-13 X 1.00 | 2.13 | .625 |
| | MM | 7.95 | 6 | 356 | | 270 | 397 | 44.45 | 34.925 | | 54 | 15.88 |

| | UNITS | ER MIN | ES MIN | ET ±.015 | EV | SQ KEY |
|---|---|---|---|---|---|---|
| | IN | 5.25 | 2.53 | 3.000 | 1.38 | .250 |
| | MM | 133 | 64 | 76.20 | 35 | 6.35 |

| | FRAME | UNITS | B | 2F ±.03 |
|---|---|---|---|---|
| | 284JM | IN | 12.25 | 9.50 |
| | | MM | 311 | 241 |
| | 286JM | IN | 13.75 | 11.00 |
| | | MM | 349 | 279 |

1. ALL ROUGH CASTING DIMENSIONS MAY VARY BY .25" DUE TO CASTING AND/OR FABRICATION VARIATIONS.
2. LARGEST MOTOR WIDTH.
3. FRAME REFERENCE: 16.250"/284/286
4. CONDUIT BOX MAY BE LOCATED ON EITHER SIDE OF MOTOR. CONDUIT OPENINGS MAY BE LOCATED IN STEPS OF 180 DEGREES REGARDLESS OF LOCATION. STANDARD AS SHOWN WITH CONDUIT OPENING DOWN.
5. TOLERANCES SHOWN ARE IN INCHES ONLY.
6. ALL TAPPED HOLES ARE UNIFIED NATIONAL COARSE, RIGHT HAND THREAD.
7. TAP SIZE AND BOLT PENETRATION ALLOWANCE.

| TOLERANCES | |
|---|---|
| FACE RUNOUT | .006 T.I.R. |
| PERMISSIBLE ECCENTRICITY OF MOUNTING RABBET | .006 T.I.R. |
| PERMISSIBLE SHAFT RUNOUT | .003 T.I.R. |

07-3690/-

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

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APPROVED BY: L. GARCIA

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