

EFFECTIVE:
22-MAR-11

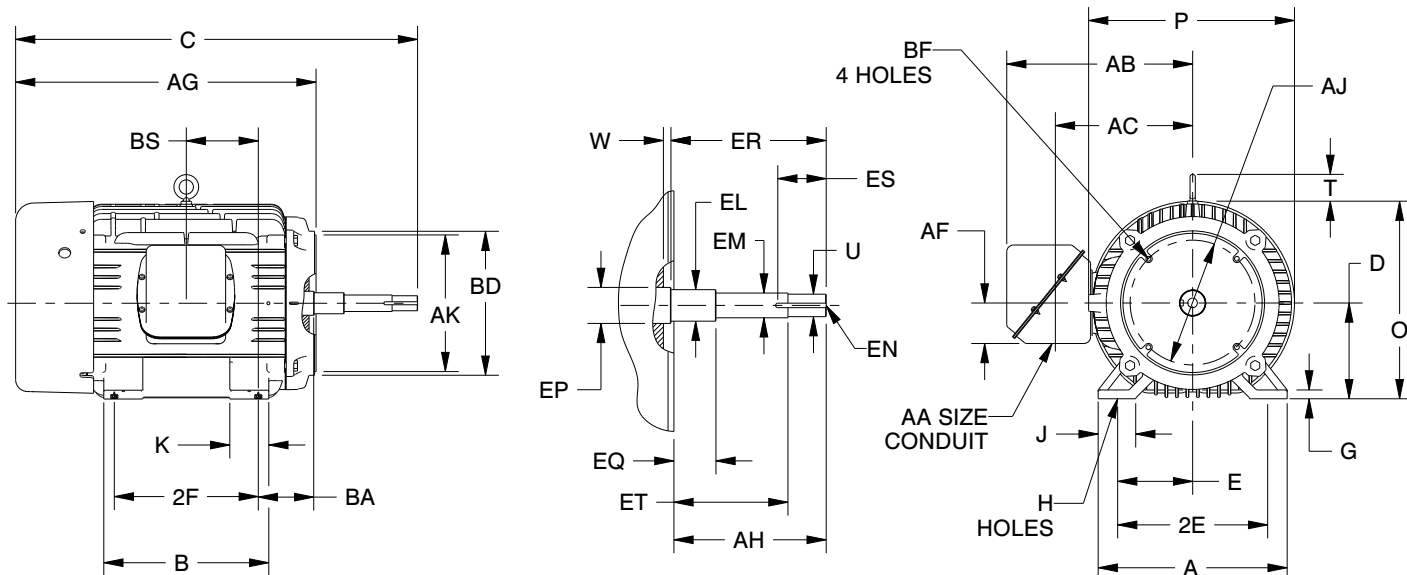
HORIZONTAL MOTORS

PRINT:
07-2234

SUPERSEDES:
20-MAR-01

FRAME: 324, 326JM
BASIC TYPE: CT

SHEET:
1 OF 1



| | | | | | | | | | | |
|----|-------|-------|-------|-----------|------|------------|-----|-----------|------|------|
| | A | B | C | D -.06 | E | 2E ±.03 | G | H +.05 | J | K |
| IN | 15.75 | 13.75 | 30.81 | 8.00 | 6.25 | 12.50 | .75 | .66 | 3.19 | 3.25 |
| MM | 400 | 349 | 783 | 203 | 159 | 318 | 19 | 17 | 81 | 83 |

| | | | | | | | | | | |
|----|-------|----------------|------|-------------|-----|------|-------|-------|------|-------|
| | O | P ² | T | U -.0005 | W | AA | AB | AC | AF | AG |
| IN | 16.25 | 16.88 | 2.50 | 1.2495 | .50 | 3.00 | 15.50 | 11.31 | 3.38 | 25.56 |
| MM | 413 | 429 | 64 | 31.737 | 13 | | 394 | 287 | 86 | 649 |

| | | | | | | | | | |
|----|-------------|--------|-------------|------------|-----------|-----------|-------------------------------------|-------|-------------|
| | AH ±.030 | AJ | AK -.005 | BA ±.09 | BB MIN | BD MAX | BF ⁵ 5/8-11 UNC X .94 | BS | EL -.002 |
| IN | 5.250 | 11.000 | 12.500 | 5.25 | .25 | 14.00 | | 6.00 | 1.750 |
| MM | 133.35 | 279.40 | 317.50 | 133 | 6 | 356 | 152 | 44.45 | |

| | | | | | | | | |
|----|--------------|--------------------------------------|-----------|-------------|------|-----------|-------------|------------|
| | EM -.0005 | EN ⁵ 1/2-13 UNC X 1.00 | EP MIN | EQ ±.020 | ER | ES MIN | ET ±.020 | SQ. KEY |
| IN | 1.3750 | | 2.13 | .625 | 5.50 | 2.53 | 3.000 | 0.250 |
| MM | 34.925 | 54 | 15.88 | 140 | 64 | 76.20 | 6.35 | |

| | | |
|----|-------|------------|
| | FRAME | 2F ±.03 |
| IN | 324JM | 10.50 |
| MM | | 267 |
| IN | 326JM | 12.00 |
| MM | | 305 |

| TOLERANCES | IN |
|---|----------|
| FACE RUNOUT | .007 TIR |
| PERMISSABLE ECCENTRICITY OF MOUNTING RABBET | .007 TIR |
| PERMISSABLE SHAFT RUNOUT | .003 TIR |

- DIMENSIONS MAY VARY .25" DUE TO CASTING AND/OR FABRICATION VARIATIONS.
- LARGEST MOTOR WIDTH
- TOLERANCES ARE SHOWN IN INCHES.
- 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.
- TAP SIZE AND BOLT PENETRATION ALLOWANCE.

07-2234/B

Nidec Motor Corporation
St. Louis, Missouri

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