

EFFECTIVE:  
15-APR-11

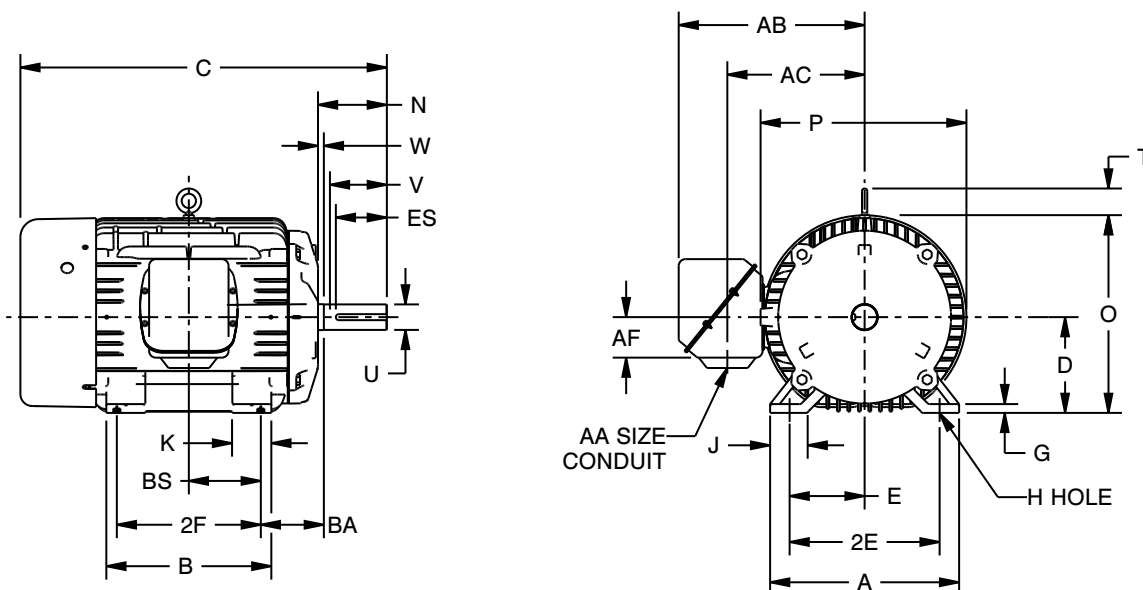
# HORIZONTAL MOTORS

PRINT:  
07-2055

SUPERSEDES:  
31-MAR-99

FRAME: 320US  
BASIC TYPE: JAD, JDE

SHEET:  
1 OF 1



ALL DIMENSIONS ARE IN INCHES AND MILLIMETERS

|    |         |        |       |           |       |                |      |       |
|----|---------|--------|-------|-----------|-------|----------------|------|-------|
|    | A       | B      | C     | D         | E     | 2E             | G    | H     |
| IN | 15.75   | 13.75  | 28.56 | -.06      | 6.25  | ±.03           | .75  | +.05  |
| MM | 400     | 349    | 725   | 8.00      | 159   | 12.50          | 19   | .66   |
|    | J       | K      | N     | N-W       | O     | P <sup>2</sup> | T    | U     |
| IN | 3.19    | 3.25   | 3.75  | 3.25      | 16.25 | 16.88          | 2.50 | -.001 |
| MM | 81      | 83     | 95    | 83        | 413   | 429            | 64   | 41.28 |
|    | SQ. KEY | V MIN  | W     | AA        | AB    | AC             | AF   | BA    |
| IN | .375    | 3.50   | .50   | 2-1/2 NPT | 15.50 | 11.38          | 4.19 | ±.09  |
| MM | 9.53    | 89     | 13    |           | 394   | 289            | 106  | 133   |
|    | BS      | ES MIN |       |           |       |                |      |       |
| IN | 6.00    | 2.03   |       |           |       |                |      |       |
| MM | 152     | 52     |       |           |       |                |      |       |

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

1: ALL ROUGH CASTING DIMENSIONS MAY VARY .25" DUE TO CASTING VARIATIONS.  
2: LARGEST MOTOR WIDTH  
3: TOLERANCES ARE SHOWN IN INCHES.

4: 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.

07-2055/B

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

INFORMATION DISCLOSED ON THIS DOCUMENT IS CONSIDERED PROPRIETARY AND SHALL NOT BE REPRODUCED OR DISCLOSED WITHOUT WRITTEN CONSENT OF NIDEC MOTOR CORPORATION



ISSUED BY  
**V. PAWAR**  
APPROVED BY  
**R. KING**

IHP\_DP\_NMCA (MAR-2011) PROENGINEER