ALL DIMENSIONS ARE IN INCHES AND MILLIMETERS

### UNITS | A | B | C | D | E | 2E | G | H | J | O | P
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | ---
IN | 10.50 | 8.50 | 21.00 | 5.25 | 4.25 | 8.50 | .50 | .41 | 1.75 | 10.81 | 10.94
MM | 267 | 216 | 533 | 133 | 108 | 216 | 13 | 10 | 44 | 275 | 278

### UNITS | T | U | AA | AB | AC | AF | AH | AJ | AK | BA | BB
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | ---
IN | 2.03 | .8745 | 1 NPT | 9.06 | 6.81 | 2.63 | 4.250 | 7.250 | 8.500 | 4.19 | .25
MM | 52 | 22.225 | | | | | | | | |

### UNITS | BD | MAX | BF | BS | BV | EL | EM | EN | EP | EQ
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- | ---
IN | 9.00 | 12-13 X .75 | 3.50 | 8.00 | 1.250 | 1.0000 | 3/8-16 X .75 | 1.75 | .625
MM | 229 | 275 | 89 | 203 | 31.75 | 25.400 | 44 | 15.88

### UNITS | ER | MIN | ES | MIN | ET | EV | SQ | KEY
--- | --- | --- | --- | --- | --- | --- | --- | ---
IN | 4.53 | 1.65 | 2.875 | .75 | .188
MM | 115 | 42 | 73.03 | 19 | 4.78

**FRAME** | **UNITS** | **2F** | **.03** |
--- | --- | --- | ---
213JM | IN | 5.50 |
MM | 140 |
215JM | IN | 7.00 |
MM | 178 |

### TOLERANCES
- **FACE RUNOUT** .004 TIR
- **PERMISSIBLE ECCENTRICITY OF MOUNTING RABBIT** .004 TIR
- **PERMISSIBLE SHAFT RUNOUT** .002 TIR

1. ALL ROUGH CASTING DIMENSIONS MAY VARY BY .25" DUE TO CASTING AND/OR FABRICATION VARIATIONS.
2. LARGEST MOTOR WIDTH DUE TO CASTING AND/OR FABRICATION VARIATIONS.
3. TOLERANCES SHOWN ARE IN INCHES ONLY.
4. STANDARD ASSEMBLY POSITION F-1 IS SHOWN F-2 IS PROVIDED WHEN SPECIFIED. CONDUIT OPENINGS MAY BE LOCATED IN STEPS OF 90 DEGREES REGARDLESS OF LOCATION.
5. ALL TAPPED HOLES ARE UNIFIED NATIONAL COARSE, RIGHT HAND THREAD.
6. TAP SIZE AND BOLT PENETRATION ALLOWANCE.