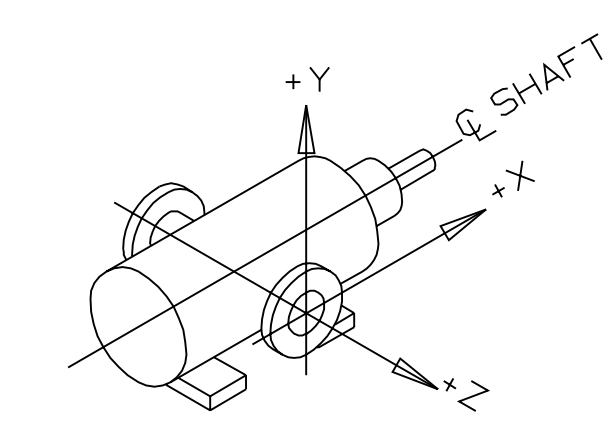
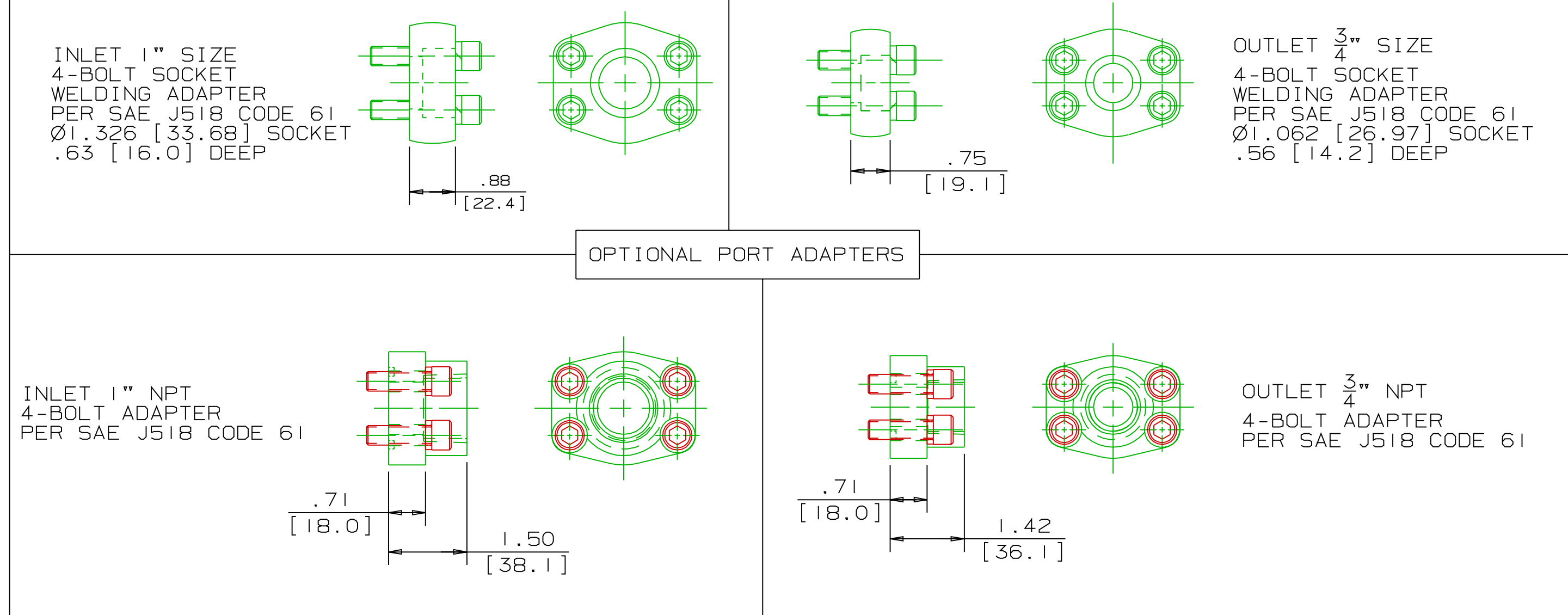
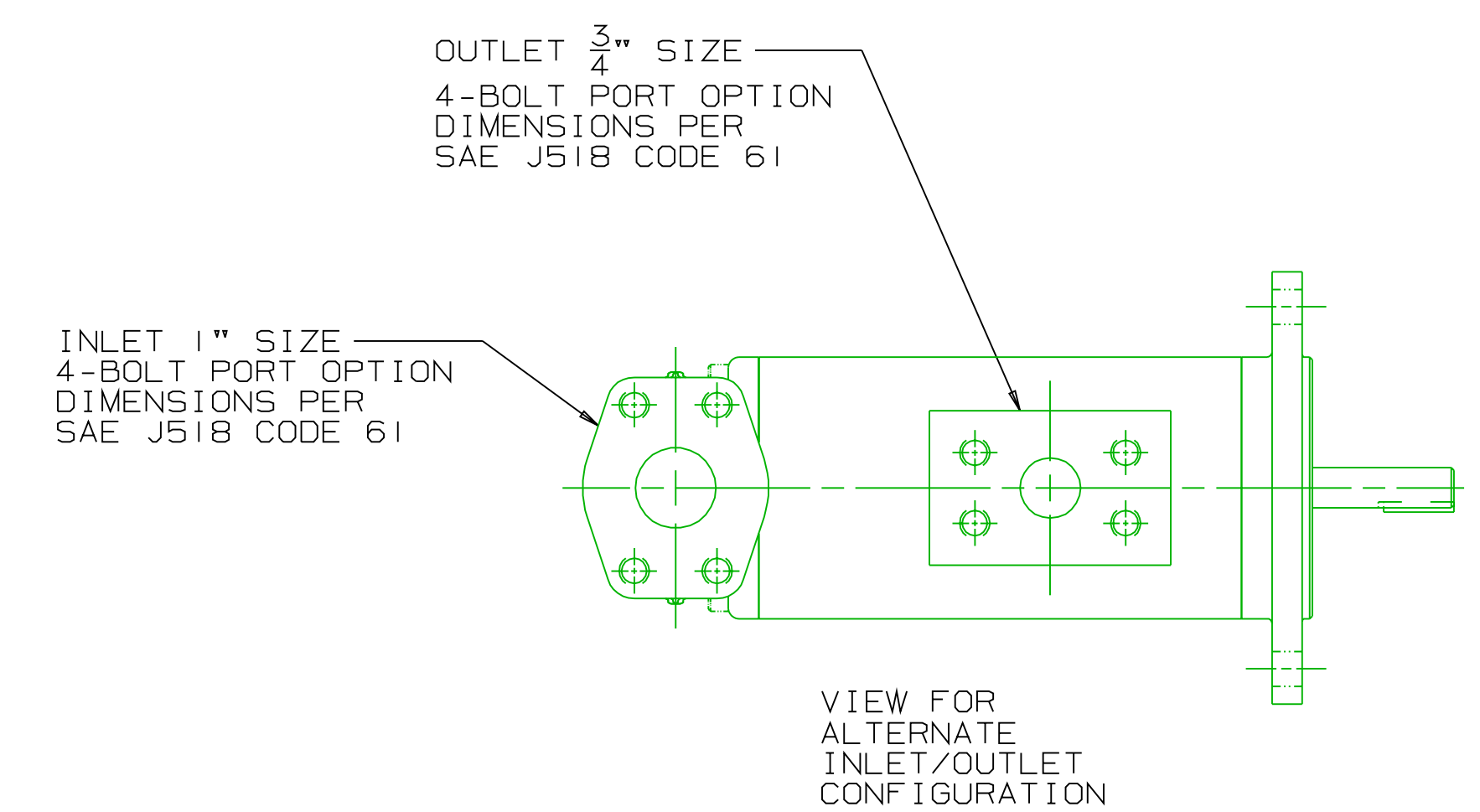


| CHG NO  | ZONE  | REV | DESCRIPTION   | DATE     | BY  | APPROVED |
|---------|-------|-----|---|----------|-----|----------|
| 01-0287 | ALL   | 2   | ALL ADAPTERS UPDATED TO REFLECT 9/99 ANCHOR CATALOG       | 6-15-01  | DMM | DMM      |
| 01-0435 | ALL   | 3   | UPDATED DRAWING TO BE CONSISTENT WITH STANDARD 3G OUTLINE | 10-26-01 | ERH | DMM      |
| 03-0197 | E,3,4 | 4   | UPDATED NPT ADAPTERS TO CURRENT ANCHOR DWG DATED 2-12-03  | 5-20-03  | DMM | DMM      |

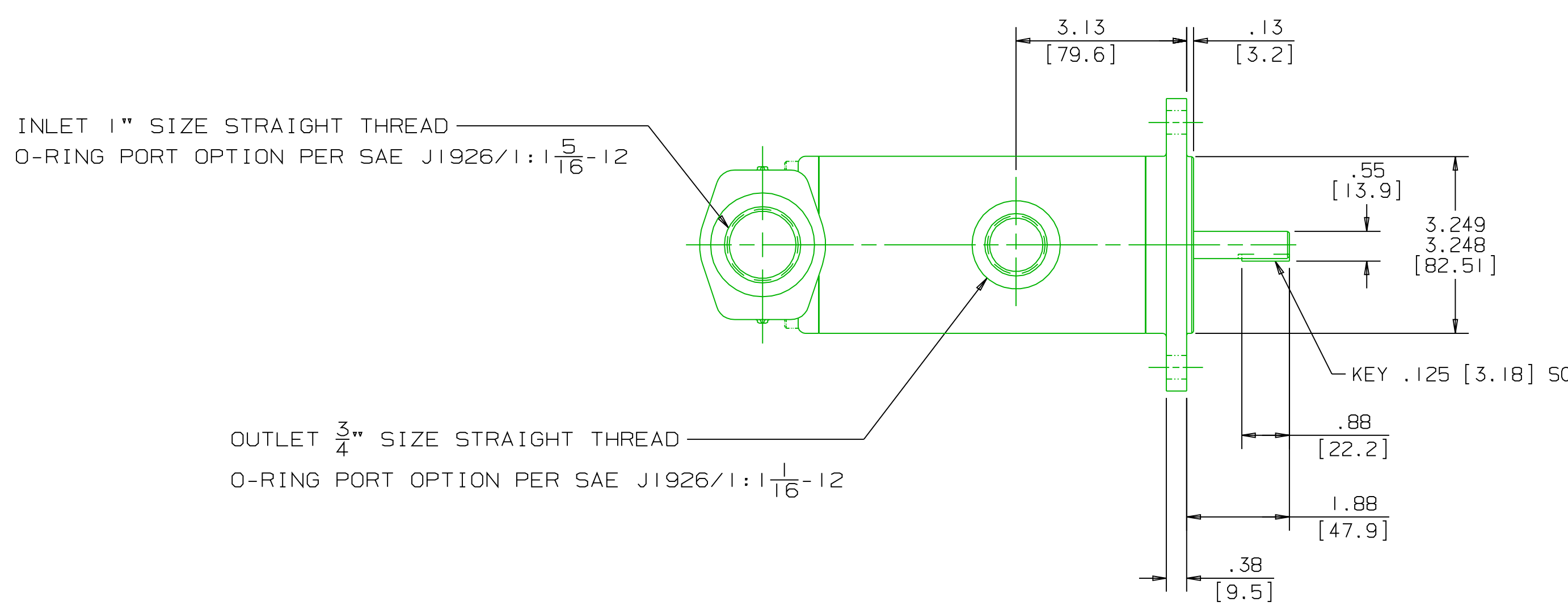


COORDINATE SYSTEM FOR MAXIMUM PUMP FORCES (F) AND MOMENTS (M)

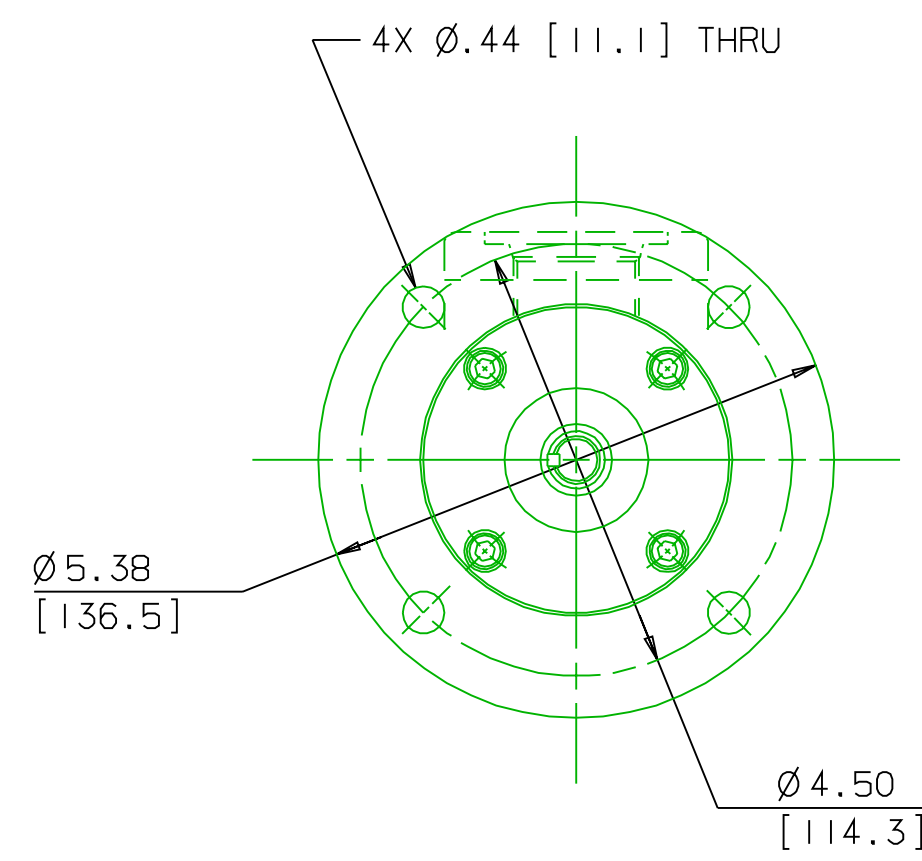
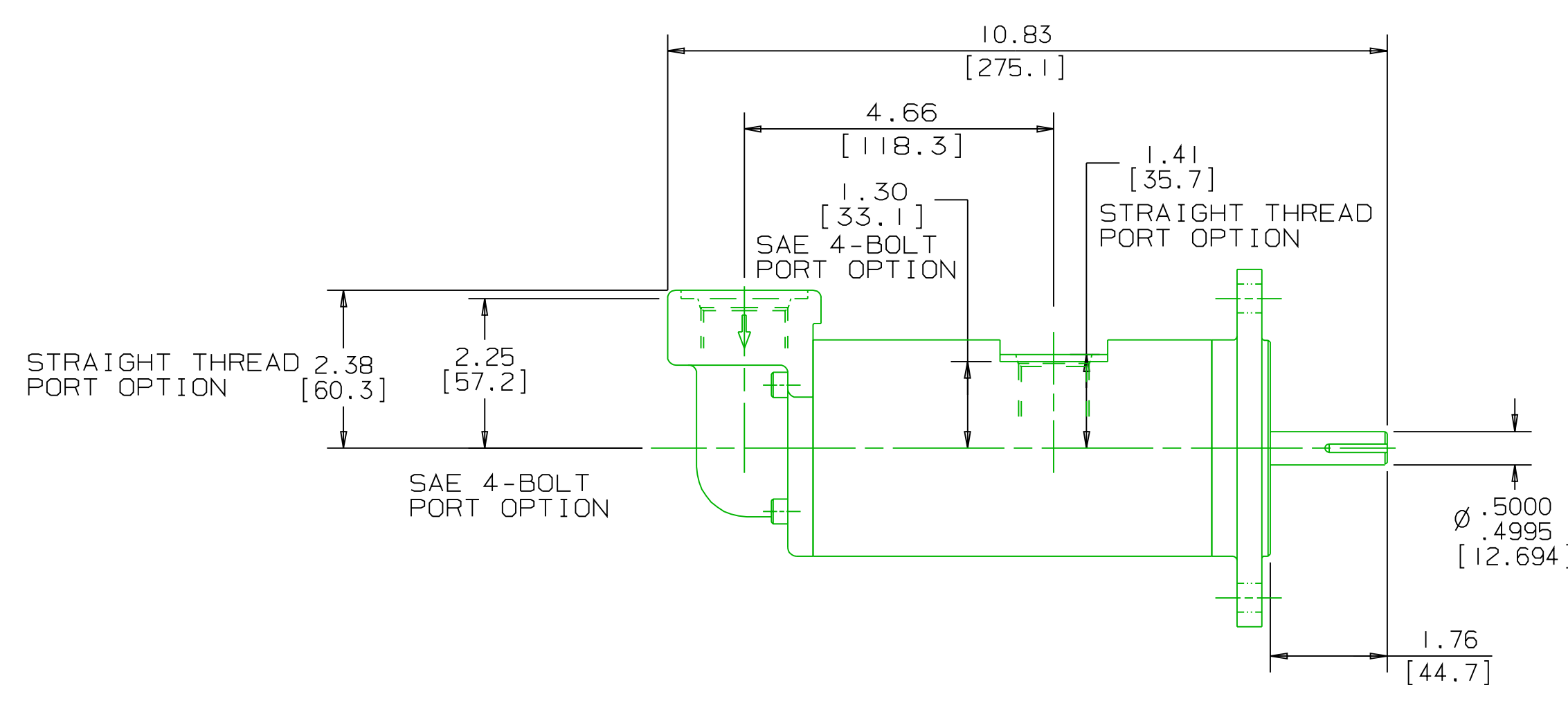
INLET:  
 FX=37.5 LBF [167 N]    MX=62.5 LB FT [84.7 N·m]  
 FY=37.5 LBF [167 N]    MY=62.5 LB FT [84.7 N·m]  
 FZ=37.5 LBF [167 N]    MZ=62.5 LB FT [84.7 N·m]

OUTLET:  
 FX=28.1 LBF [125 N]    MX=46.9 LB FT [63.6 N·m]  
 FY=28.1 LBF [125 N]    MY=46.9 LB FT [63.6 N·m]  
 FZ=28.1 LBF [125 N]    MZ=46.9 LB FT [63.6 N·m]

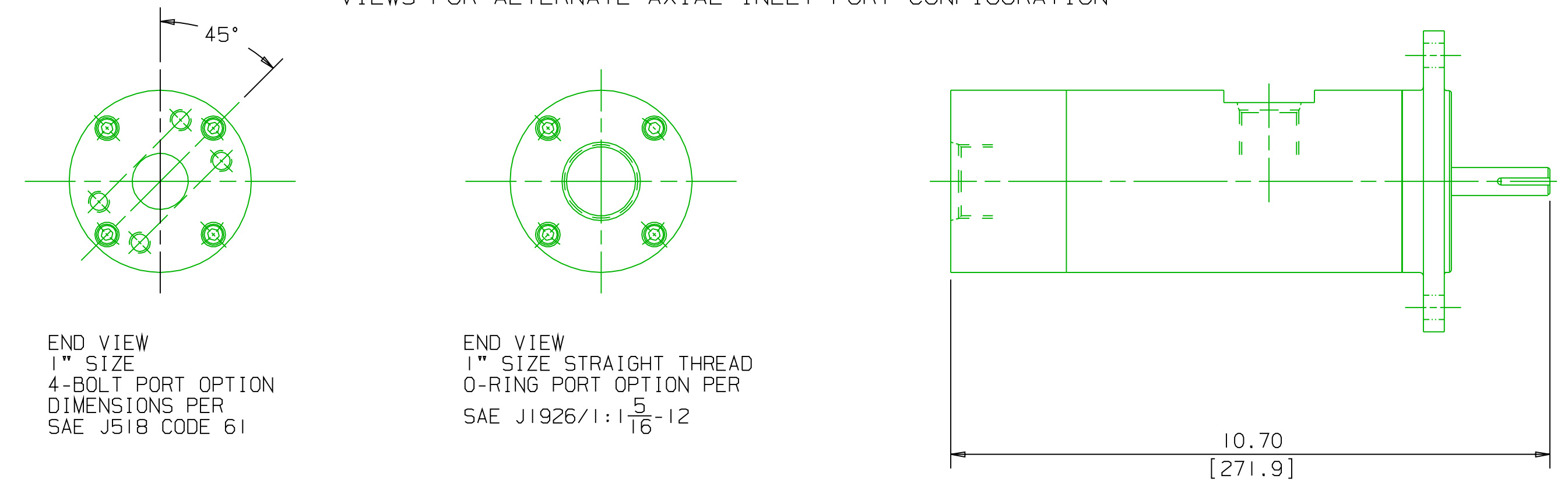
FORCE AND MOMENT VALUES ARE RELATIVE TO CENTER OF INLET AND OUTLET PORT FACES.



← ROTATION →



VIEWS FOR ALTERNATE AXIAL INLET PORT CONFIGURATION



- NOTES:
1. PORT ORIENTATIONS SUPPLIED AS SHOWN UNLESS OTHERWISE SPECIFIED.
  2. ALTERNATE RADIAL INLET PORT ORIENTATIONS PROVIDED IF SPECIFIED ON ORDER. AVAILABLE ALTERNATE ORIENTATIONS ARE 3, 6, 9, AND 12 O'CLOCK RELATIVE TO OUTLET PORT.
  3. BOLT PATTERN FOR SAE 4-BOLT AXIAL INLET IS ALWAYS ORIENTED AS SHOWN WITH RESPECT TO OUTLET PORT.
  4. APPROXIMATE PUMP WEIGHT (WITHOUT ADAPTERS): 18.9 LBS. [8.6 kgs]
  5. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES. DIMENSIONS IN [ ] ARE MILLIMETERS.

| DRAWING CERTIFICATION        |  |
|------------------------------|--|
|                              |  |
| CUSTOMER NAME -----          |  |
| CUSTOMER PO NUMBER -----     |  |
| CUSTOMER PART NUMBER -----   |  |
| BOM NUMBER -----             |  |
| PUMP TYPE -----              |  |
| SHAFT ROTATION -----         |  |
| INLET PORT ORIENTATION ----- |  |
| INLET PORT OPTION -----      |  |
| INLET ADAPTER OPTION -----   |  |
| OUTLET PORT OPTION -----     |  |
| OUTLET ADAPTER OPTION -----  |  |
| OTHER INFORMATION -----      |  |
| CERTIFIED BY -----           |  |
| CERTIFIED DATE -----         |  |
| IMO ORDER NUMBER -----       |  |
| DATA REVISION NUMBER -----   |  |

|                               |  |                                |  |
|-------------------------------|--|--------------------------------|--|
| WEB ADDRESS: WWW.IMO-PUMP.COM |  | EMAIL: IMO.PUMP@COLFAXCORP.COM |  |
| DRAWN                         | NRS 6-14-99  |                                | Imo Pump<br>1710 Airport Road<br>PO Box 5020<br>Monroe, NC USA<br>28111.5020 |
| CHECKED                       | NRS 6-14-99  |                                |  |
| APPD                          | NRS 6-14-99  |                                |  |
| PROCESS                       |  | TITLE                          | OUTLINE STANDARD (IRON)  |
| COMMENTS:                     | STANDARD ROTATION IS CLOCKWISE WHEN VIEWED FROM COUPLING END OF PUMP. SUCTION STRAINER AND DISCHARGE RELIEF VALVE MUST BE PROVIDED.                          | AA3G/NN-I A095                 |  |
|                               | UNITS ARE ACCURATELY ALIGNED AT THE FACTORY. ALIGNMENT SHOULD BE CHECKED BEFORE STARTING TO ENSURE THAT IT IS STILL WITHIN .005 [0.13] F.T.M.                | SIZE                           | 3G   |
|                               | FLUSH SUCTION PIPING BEFORE CONNECTING PUMP. PRIME AND VENT PUMP. DO NOT START PUMP WITH VALVES CLOSED. READ INSTRUCTION MANUAL FOR DETAILS BEFORE STARTING. | DWG NO                         | SDD19705   |
|                               |  | SCALE                          | 1/2  |
|                               |  | WEIGHT                         |  |
|                               |  | SHEET                          | 1 OF 1   |