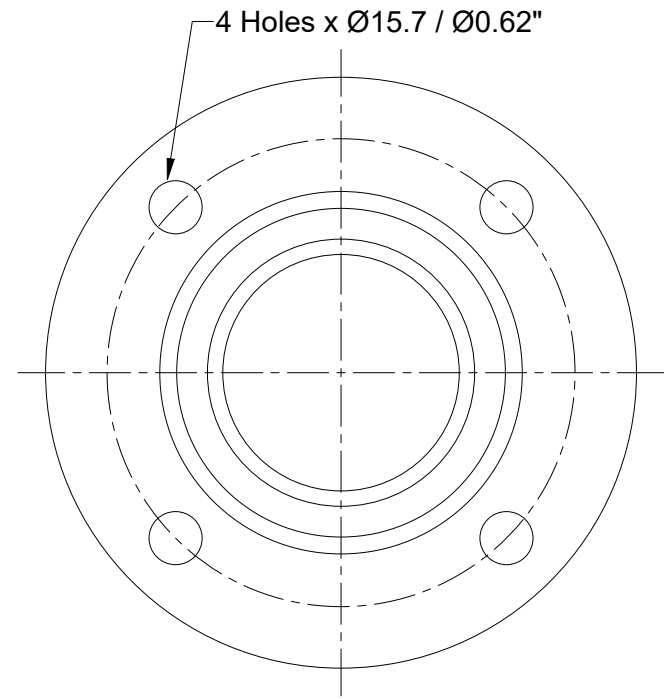
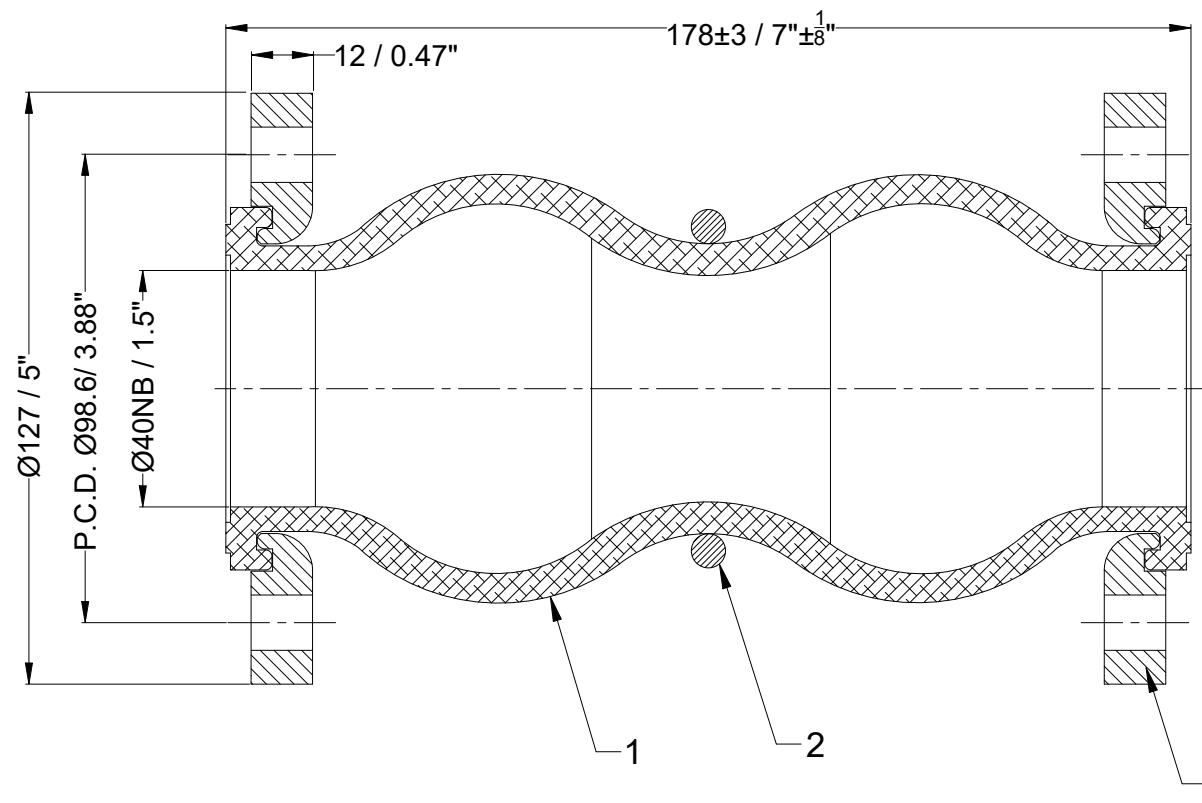
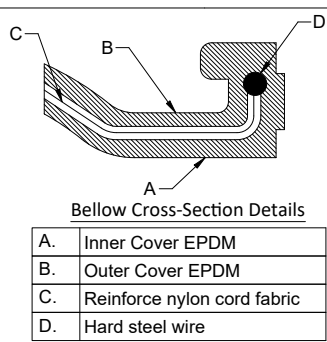


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|                    |                  |        |            |        |
|--------------------|------------------|--------|------------|--------|
| Design Code:       | FSA USA Standard |        |            |        |
| Size:(DN)          | 40               |        | 1.5 "      |        |
| Pressure Rating :  | 16 bar(g)        |        | 232 PSI(g) |        |
| Max. Temperature : | 115°C            |        | 239°F      |        |
| Test Pressure:     | 24 bar(g)        |        | 348 PSI(g) |        |
|                    |                  |        |            |        |
| Movement Capacity: | (+)              |        | (-)        |        |
|                    | (mm)             | (Inch) | (mm)       | (Inch) |
| Axial Movement:    | 28.6             | 1.125" | 50.8       | 2"     |
| Lateral Movement:  | 44.4             | 1.75"  | 44.4       | 1.75"  |
| Angular Movement:  | 35°              | 35°    | 35°        | 35°    |



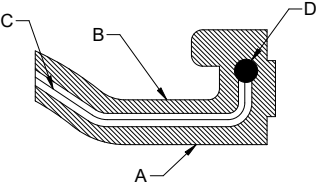
|    |                             |
|----|-----------------------------|
| A. | Inner Cover EPDM            |
| B. | Outer Cover EPDM            |
| C. | Reinforce nylon cord fabric |
| D. | Hard steel wire             |

**Notes :**

- Bellow Tolerance will be as per FSA USA Standard.
- Flange drill dimension will be as per ANSI B16.5#150.
- Matching flange should be of flat face .

**Testing :**

- Raw material check test for chemical composition and mechanical properties.
- Dimension and visual check.

|                                                                                     |                             |  |
|-------------------------------------------------------------------------------------|-----------------------------|--|
|  |                             |  |
| <p align="center"><u>Bellow Cross-Section Details</u></p>                           |                             |  |
| A.                                                                                  | Inner Cover EPDM            |  |
| B.                                                                                  | Outer Cover EPDM            |  |
| C.                                                                                  | Reinforce nylon cord fabric |  |
| D.                                                                                  | Hard steel wire             |  |

|                                                   |                      |      |
|---------------------------------------------------|----------------------|------|
| <p align="center"><u>Seal &amp; Signature</u></p> |                      |      |
|                                                   |                      |      |
|                                                   |                      |      |
| No                                                | Revision Description | Date |

|        |             |          |     |
|--------|-------------|----------|-----|
|        |             |          |     |
|        |             |          |     |
|        |             |          |     |
|        |             |          |     |
|        |             |          |     |
| 3      | Flange      | SS 304   | 2   |
| 2      | Ring        | SS 304   | 1   |
| 1      | Bellow      | EPDM     | 1   |
| Sl.No. | Description | Material | Pcs |

**Bill of Material**

|                                                                                            |  |                                    |  |
|--------------------------------------------------------------------------------------------|--|------------------------------------|--|
| Title:-EPDM Twin Sphere Floating Flange Rubber Expansion Joint with SS304 Floating Flanges |  |                                    |  |
| Client Name:-                                                                              |  |                                    |  |
| DRAWN BY                                                                                   |  | OWNER :<br>Easyflex / VibraSystems |  |
| CHECKED BY                                                                                 |  |                                    |  |
| APPROVED BY                                                                                |  |                                    |  |
| SCALE: NTS                                                                                 |  |                                    |  |
| DRAWING No.                                                                                |  |                                    |  |
| DATE                                                                                       |  | REV:- 00                           |  |