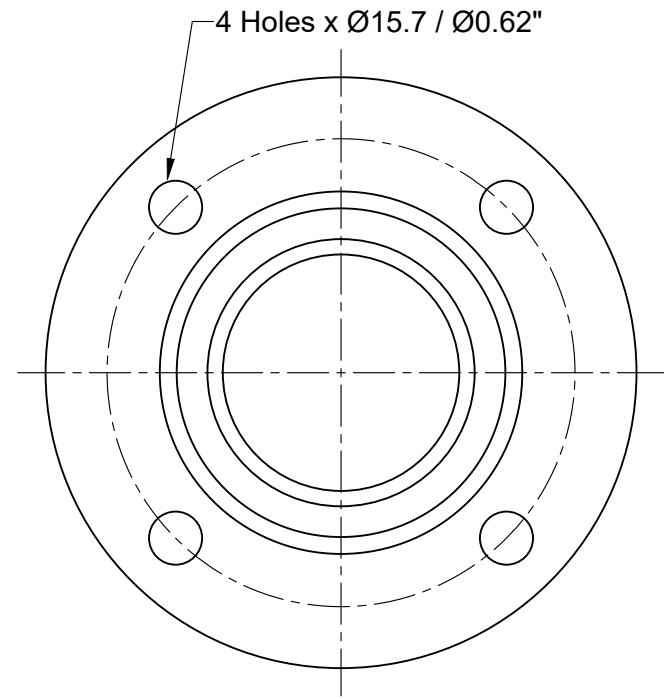
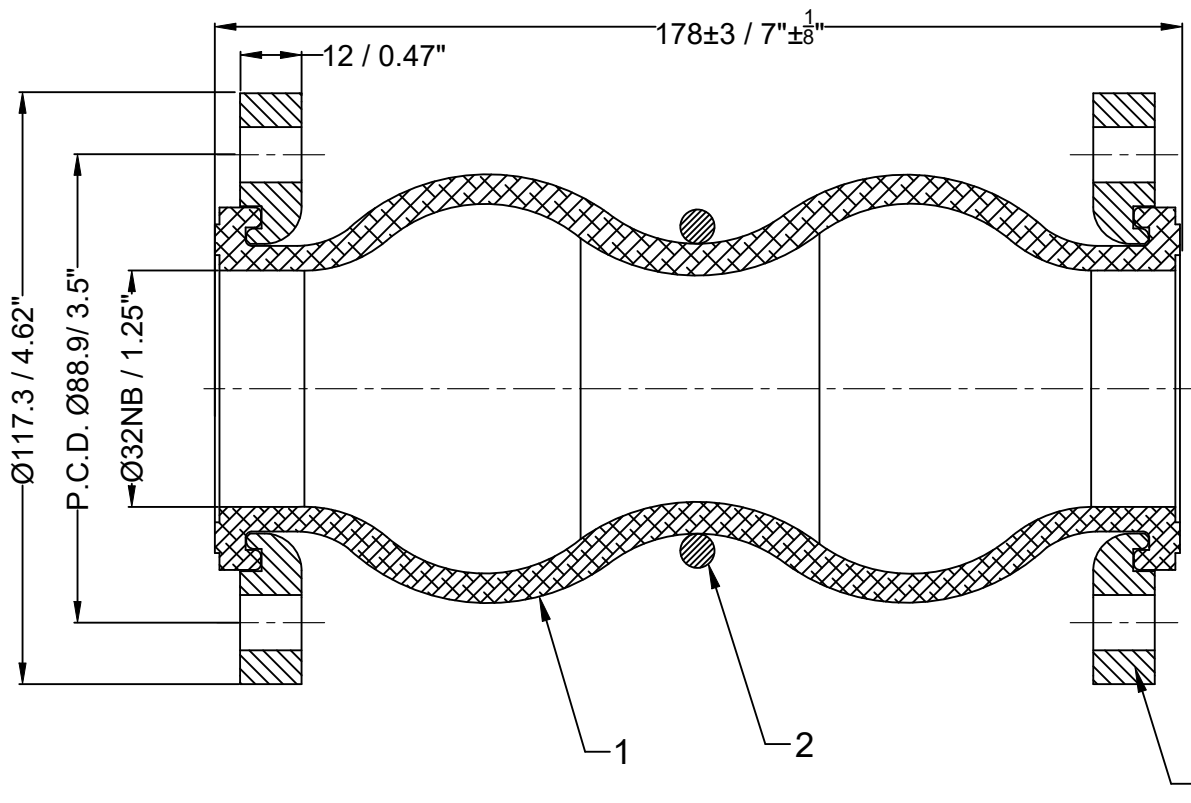
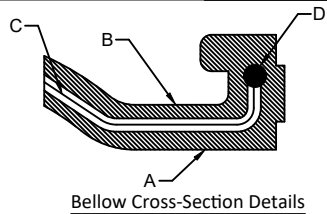


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|                    |                  |            |      |        |
|--------------------|------------------|------------|------|--------|
| Design Code:       | FSA USA Standard |            |      |        |
| Size:(DN)          | 32               | 1.25 "     |      |        |
| 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°    |



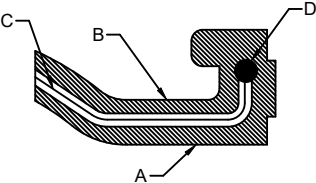
|    |                             |
|----|-----------------------------|
| A. | Inner Cover EPDM            |
| B. | Outer Cover EPDM            |
| C. | Reinforce nylon cord fabric |
| D. | Hard steel wire             |

**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                             | IS 2062 Gr.B (Hot Dip Galvanized) | 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 Floating Flanges |                                    |                                   |     |
| Client Name:-                                                                        |                                    |                                   |     |
| DRAWN BY                                                                             | OWNER :<br>Easyflex / VibraSystems |                                   |     |
| CHECKED BY                                                                           |                                    |                                   |     |
| APPROVED BY                                                                          |                                    |                                   |     |
| SCALE: NTS                                                                           |                                    |                                   |     |
| DRAWING No.                                                                          |                                    |                                   |     |
| DATE                                                                                 |                                    | REV:- 00                          |     |