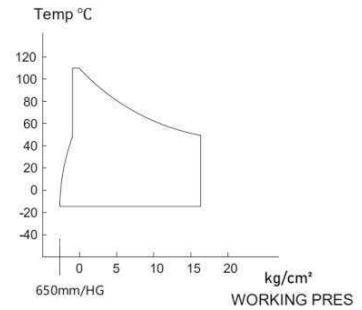
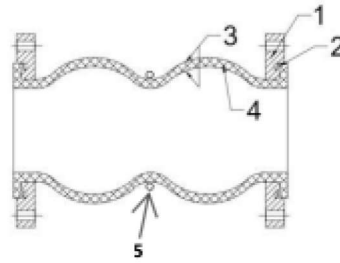


# DOUBLE ARCH WITH FLANGE TYPE :16RDF-RJ-CS



### TECHNICAL CONDITION

|                  |        |
|------------------|--------|
| SIZE             | 1"-12" |
| Working Pressure | 16 bar |
| Burst Pressure   | 48 bar |

| No. | PART               | MATERIAL                  |
|-----|--------------------|---------------------------|
| 1   | Flange             | Carbon steel (BS EN1092)  |
| 2   | Pressurized ring   | Carbon steel wires strand |
| 3   | Outer/inner rubber | EPDM (BS6920)             |
| 4   | Reinforcing fabric | Nylon cord fabric         |
| 5   | O-ring             | Carbon steel (BS EN1092)  |

### TABLE OF MAIN PARAMETERS OF NORMAL CORE DIAMETER, LENGTH, DISPLACEMENT VALUE

| Normal core diameter |      | Length (L) (mm) |     | Axial displacement |                | Lateral (mm) | Angular (deg) | Vacuum (without vacuum ring) mm H.g. | Vacuum (with vacuum ring) mm H.g. |
|----------------------|------|-----------------|-----|--------------------|----------------|--------------|---------------|--------------------------------------|-----------------------------------|
| mm                   | inch | T-A             | T-B | Compression (mm)   | Extension (mm) |              |               |                                      |                                   |
| 32                   | 1¼   | 165             | 175 | 50                 | 30             | 38           | 38°           | 600                                  | 600                               |
| 40                   | 1½   | 165             | 175 | 50                 | 30             | 38           | 38°           | 600                                  | 600                               |
| 50                   | 2    | 165             | 175 | 50                 | 30             | 38           | 38°           | 600                                  | 600                               |
| 65                   | 2½   | 170             | 175 | 50                 | 30             | 38           | 36°           | 600                                  | 600                               |
| 80                   | 3    | 175             |     | 50                 | 30             | 38           | 36°           | 600                                  | 600                               |
| 100                  | 4    | 225             | 230 | 50                 | 35             | 32           | 30°           | 600                                  | 600                               |
| 125                  | 5    | 225             | 230 | 50                 | 35             | 32           | 25°           | 225                                  | 600                               |
| 150                  | 6    | 225             | 230 | 50                 | 35             | 32           | 21°           | 225                                  | 600                               |
| 200                  | 8    | 325             | 330 | 50                 | 35             | 28           | 17°           | 225                                  | 600                               |
| 250                  | 10   | 325             | 330 | 50                 | 35             | 28           | 13°           | 150                                  | 250                               |
| 300                  | 12   | 325             | 330 | 50                 | 35             | 28           | 9°            | 150                                  | 250                               |

### NOTE:

- Other size or lengths can be contacted for consultation.
- Standard material is EPDM . The products are not applicable to oil . Other kinds of rubber material are optional. (Neoprene ,Butyl,Nitrile , EPDM , SBR, Natural rubber)
- Applicable fluids : Air , Compressed air, water , sea water , hot water , weak acid , alkalis , etc .
- Flange drilling : JIS , DIN ,ANSI , BS and other standard drilling for your specification .
- Tolerances for installation should not over 30% of Allowable movements.
- Control rods must be installed when pressure (test surge , operating , starting a pump , etc.) exceeds the rating below .

|        |         |         |        |
|--------|---------|---------|--------|
| Size   | 1"-4"   | 5"-10"  | 12"    |
| Rating | 150 psi | 135 psi | 90 psi |

