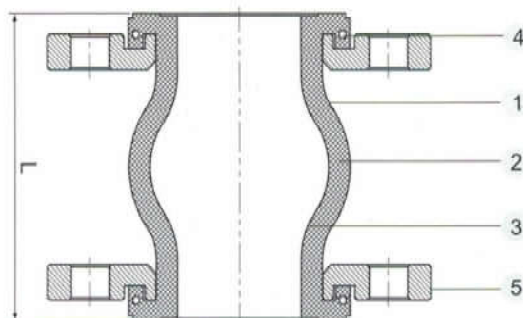


SINGLE SPHERE RUBBER EXPANSION JOINT

Model: IFR-01P



Burst Pressure

- 55Bar for Size DN25-DN300
- 40Bar for Size DN350

Features

- Allow for 4 way movements.
- Precision molded of synthetic rubber & nylon.
- Excellent ability to absorb vibration and sound.
- Perfect corrosion resistant.
- Using floating flange, easy to install.

Dimensions(mm/in)

Nominal Diameter mm	inch	Length (L)	Allowable Movement (mm)				Max. Pressure Bar	Vacuum mm Hg
			Axial Comp.	Axial Ext.	Lateral.	Angular.(°)		
25	1	95	6	8	8	15°	16	660
32	1 1/4	95	8	4	8	15°	16	660
40	1 1/2	95	8	4	8	15°	16	660
50	2	105	8	5	8	15°	16	660
65	2 1/2	115	12	6	10	15°	16	660
80	3	135	12	6	10	15°	16	660
100	4	150	18	10	12	15°	16	660
125	5	165	18	10	12	15°	16	660
150	6	180	18	10	12	15°	16	660
200	8	210	25	14	22	15°	16	660
250	10	230	25	14	22	15°	10	660
300	12	245	25	14	22	15°	10	660
350	14	255	25	16	22	15°	10	660
400	16	255	25	16	22	15°	7	660
450	18	265	25	16	22	15°	7	660
500	20	265	25	16	22	15°	7	660
600	24	265	25	16	22	15°	7	660
700	28	265	25	16	22	15°	7	660
800	32	265	25	16	22	12°	7	660
900	36	265	25	16	22	10°	7	660
1000	40	265	25	16	22	10°	7	660
1200	48	265	25	16	22	8°	7	660

*Available Flange Drilling: DIN PN10,PN16, others flange drilling as BS EN1092 PN10,PN16; AS2129Table D,E;ANSI150,JIS10K also available on request. see page 16.

Note:

- Movements shown in above tables are non-concurrent.
- Control Rods must be installed when pressure exceeds the above rating pressure.
- Temperature change affect joint movement and pressure, the pressure rating is reduced along with the temperature rising.
- Pressures shows are recommended "operating" pressure, test pressure

is 1.5 times "operating".

- Vacuum rating is based on neutral installed length, without external load. Products should not be installed in extension for vacuum applications. Flattening of the arch in extended mode will cause the arch to collapse.
- For higher vacuum than indicated in the sheet above, a vacuum spiral or ring must be used.