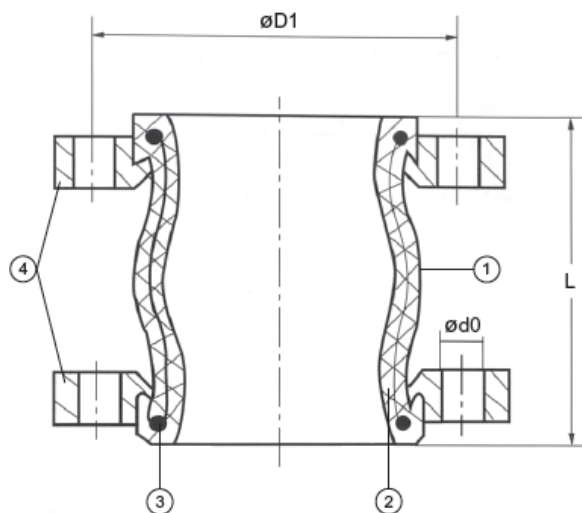


FJ-F-SS-PN16

Single Sphere Flanged Rubber Flexible Joint (PN16)



Technical References

Connection Type	Flanged
Pressure Rating	16 bar / 232 PSI
Bursting Pressure	48 bar / 696 PSI
Vacuum Pressure	86.7 kPa
Working Temperature	-10°C ≤ T ≤ 120°C
Working Medium	Air, compressed air, water, sea water, weak acid etc

* It's recommended to add tie rods for DN300 and above.

* Flange standard ANSI CLASS 125/150 is available upon request.

Materials

No.	Part	Standard Material
1	Main Body	EPDM
2	Lining	Nylon Cord Fabric
3	Frame	Hard Steel Wire
4	Flange	Forged Steel

Dimensions (mm)

Size (DN)	Length, L	No. of Bolt, n	Diameter of bolt hole $\phi d0$	Diameter of bolt hole center circle D1	Axial Displacement#		Lateral# Displacement	Angle of# Deflection ($\alpha1 + \alpha2$)
					Stretch	Compression		
40	150	4	18	110	6	9	9	15
50	150	4	18	125	7	10	10	15
65	150	4	18	145	7	10	12	15
80	150	8	18	160	8	15	12	15
100	150	8	18	180	10	19	13	15
125	150	8	18	210	12	19	13	15
150	150	8	23	240	16	20	14	15
200	150	8	23	295	16	25	22	15
250	200	12	23	350	16	25	22	15
300	200	12	23	400	16	25	22	15
350	200	16	23	460	16	25	22	15
400	200	16	27	515	16	25	22	15
450	200	20	27	565	16	25	22	15
500	200	20	27	620	16	25	22	15
600	265	20	30	725	16	25	22	15
700	260	24	30	840	16	25	22	10
800	260	24	33	950	16	25	22	10
900	260	28	33	1050	16	25	22	10
1000	260	28	36	1160	16	25	22	10

Refer diagrams in FJ-S-DS-PN16 catalogue