

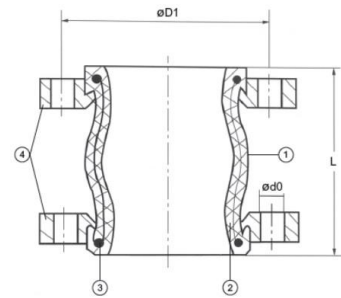
Technical Specifications

Specification	Description
Nominal Pressure	16Bar
Bursting Pressure	48bar
Vacuum Pressure	86.7kPa
Working Temperature	-10°C ≤ T ≤ 120°C
Working Medium	Water
Flange Standard	EN 1092-2 PN16



Materials

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



Dimensions (mm)

DN	L	No. of Bolt	Ød0	D1	Axial Displacement		Lateral Displacement	Deflection Angle (α1 + α2)
					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*	265	24	30	840	16	25	22	15°
800*	265	24	33	950	16	25	22	15°
900*	265	28	33	1050	16	25	22	10°

* the standard working pressure of DN500-600 is 10bar, bursting pressure 30bar; DN700-900 is 6bar, bursting pressure 18bar. Unless otherwise specified.