

Rubber expansion joint

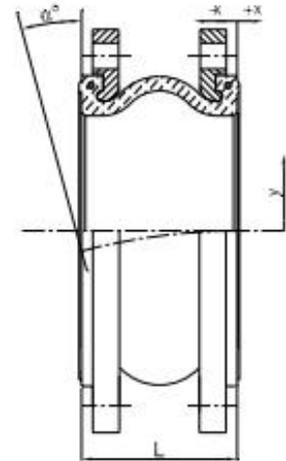
Burst pressure:

60 barg (Size 32 to 200 mm)

The maximum allowable pressure and movements must be adjusted by one of the factors below at operating temperatures over 80°C.

85°C	90°C	95°C	100°C	>100°C
0,92	0,83	0,75	0,67	0,6

For all sizes the overall length is 130 mm. The shape of the bellows gives the expansion joint a higher flexibility and allows larger movements. Reinforcement of the bellows by Nylon tire cords and at both ends by hardened steel wire rings. The floating galvanised flanges are drilled according to DIN, ANSI, BS, JIS and other standards. The sealing surfaces provide a fluid and gas-tight seal and make the use of gaskets unnecessary. For high vacuum a vacuum spiral or ring must be used. The maximum allowable temperature is 105°C.



Size mm (in.)	L mm	Axial (-x) mm	Axial (+x) mm	Lateral (γ) mm	Angular (α°)	Max. Pressure barg (PSIG) up to 80°C.	Vacuum mm Hg (in.Hg)
32 (1¼")	130	30	20	20	35°	16(225)	660(26)
40 (1½")	130	30	20	20	35°	16(225)	660(26)
50 (2")	130	30	20	20	35°	16(225)	660(26)
65 (2½")	130	30	20	20	30°	16(225)	660(26)
80 (3")	130	30	20	20	30°	16(225)	660(26)
100 (4")	130	30	20	20	25°	16(225)	660(26)
125 (5")	130	30	20	20	25°	16(225)	660(26)
150 (6")	130	30	20	20	15°	16(225)	660(26)
200 (8")	130	30	20	20	15°	16(225)	660(26)
250 (10")	130	30	20	20	10°	16(225)	660(26)
300 (12")	130	30	20	20	10°	16(225)	660(26)