

Rubber Bellow Compensator

Movement, vibration and joint-sealing support for industrial piping applications.

Movement Compensation

Vibration Absorption

Flange Joint Sealing

Product overview

A practical rubber bellow compensator option for absorbing vibration, supporting joint sealing and accommodating movement in industrial pipework.

Key features

- Absorbs mechanical and acoustic vibration
- Supports alignment at end connections
- Provides electrical discontinuity
- Resistant to heat, water, weather and severe atmospheric conditions

Typical applications

- Air-conditioning systems, pumps, compressors and blowers
- Industrial piping systems
- Marine piping systems
- Sanitary systems
- Systems requiring thermal movement or vibration compensation

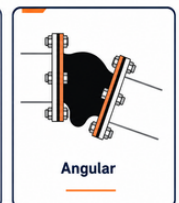
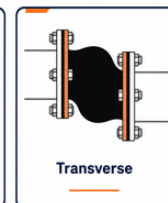
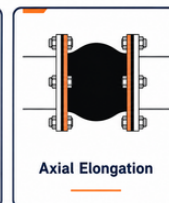
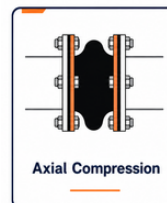
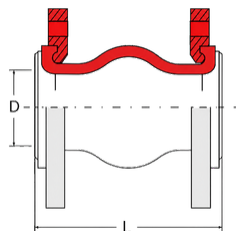
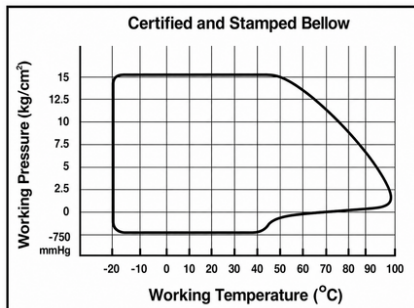


Dimensional and movement data

Movement values shown in mm unless indicated as degrees

Nominal Dia (D)		Length Options (L)			Pressure Rating	Allowable Movement			
Inch	mm	mm	mm	mm/inch	Kgfl/cm ²	Axial Compression	Axial Elongation	Transverse Movement	Angular Deflection
1	25	95	—	150/6	16	8	4	8	15°
1 1/4	32	95	—	—	16	8	4	8	15°
1.5	40	95	130	150/6	16	8	4	8	15°
2	50	105	130	150/6	16	8	5	8	15°
2.5	65	115	130	150/6	16	12	6	10	15°
3	80	—	130	150/6	16	12	6	10	15°
4	100	135	—	150/6	16	18	10	12	15°
5	125	170	130	150/6	16	18	10	12	15°
6	150	180	130	150/6	16	18	10	12	15°
8	200	205	130	150/6	16	25	14	22	15°
10	250	240	130	205/8	16	25	14	22	15°
12	300	260	130	205/8	10	25	14	22	15°
14	350	—	265	205/8	10	25	16	22	15°
16	400	—	265	205/8	10	25	16	22	15°
18	450	—	265	205/8	10	25	16	22	15°
20	500	—	265	—	10	25	16	22	15°
24	600	254	—	—	10	19	13	19	15°

Selection note: verify pressure, temperature, media, movement and flange requirements before specifying or quoting a replacement bellow.



Intermech (Pty) Ltd.

76A Pearse Road, Nuffield, Springs, Gauteng, South Africa

Tel: +27 11 818 2372

Reg. No.: 1997/02751/07

www.intermech.net // info@fluidseal.co.za

Rubber		Identification Circular Coloured Labels
Internal	External	
Chloroprene	Chloroprene	Black
EPDM	EPDM	Red
Nitrile (BunaN)	Chloroprene	Yellow
Hypalon	Chloroprene	Green
Natural	Chloroprene	Grey

