



Description:

The basic series of rubber compensators consist of rubber bellows reinforced internally with synthetic cord and steel flanges being a connection element to the pipeline.

Compensator manufactured by the company Metal-Gum Sp. z o.o. it is characterized by high durability and good noise and vibration damping. It has the ability to very large compensation, especially in angular directions.

CERTIFICATES



Motion compensation



axial (elongines)
(+ ◀▶)



axial (compression)
(- ▶◀)



angular
(± α°)



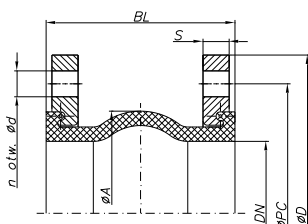
radial
(± ▲▼)

Technical datas:

- range of diameters: DN50-DN1200
- working pressure:
0,6 MPa, 1,0 MPa, 16 MPa
- flange openings:
PN6, PN10, PN16

Construction:

- bellow:
 - EPDM, EPDM-HT, NBR, SBR, CR, NR possible another kinds of rubber according to the requirements. (Hypalon, Viton, Butyl)
- flange:
 - Steel with anticorrosion coat: Zn (hot dip) or epoxy painting.
 - Stainless steel (acidresistant), 1.4301, 1.4401, 1.4404, 1.4571, or others acc. to the query



- BL – bellows length
- ØA – bellows diameter
- ØD – external flange diameter
- ØPC – pitch diameter
- Ød – openings diameter
- n – number of the holes in a flange
- s – flange thickness

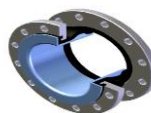
1. Dmension Table

DN	BL [mm]	Flanges acc. PN														
		ØD [mm]			PC [mm]			Ød [mm]			n			s [mm]		
		0,6	1,0	1,6	0,6	1,0	1,6	0,6	1,0	1,6	0,6	1,0	1,6	0,6	1,0	1,6
25	130	100	115	115	75	85	85	11	14	14	4	4	4	16	16	16
32	130	120	140	140	90	100	100	14	18	18	4	4	4	16	16	16
40	130	130	150	150	100	110	110	14	18	18	4	4	4	16	16	16
50	130	140	165	165	110	125	125	14	18	18	4	4	4	16	16	16
65	130	160	185	185	130	145	145	14	18	18	4	4	8	16	16	16
80	130	190	200	200	150	160	160	18	18	18	4	8	8	18	18	18
100	130	210	220	220	170	180	180	18	18	18	4	8	8	18	18	18
125	130	240	250	250	200	210	210	18	18	18	8	8	8	18	18	18
150	130	265	285	285	225	240	240	18	23	22	8	8	8	18	20	20
200	130	320	340	340	280	295	295	18	23	22	8	8	12	18	20	20
250	130	375	395	405	335	350	355	18	23	26	12	12	12	18	20	22
300	130	440	445	460	395	400	410	22	23	26	12	12	12	20	20	25
350	200	490	505	520	445	460	470	22	22	26	12	16	16	20	20	25
400	200	540	565	580	495	515	525	22	26	30	16	16	16	26	30	30
500	200	645	670	715	600	620	650	22	26	33	20	20	20	26	30	34
600	200	755	780	840	705	725	770	26	30	36	20	20	20	26	30	36
700	250	860	895	910	810	840	840	26	30	36	24	24	24	30	30	38
800	250	975	1015	1025	920	950	950	30	33	39	24	24	24	35	40	40
1000	300	1175	1230	1255	1120	1160	1170	30	36	42	28	28	28	35	40	40
1200	350	1405	1455	1485	1340	1380	1390	33	39	48	32	32	32	35	40	40
1500	350	1730	1795	1810	1660	1705	1705	36	48	56	36	36	36	35	40	45
1600	350	1830	1915	1930	1760	1820	1820	36	48	56	40	40	40	40	45	50

Auxiliary equipment:



Anti – fouling cover



Deflector



Vacuum bellow