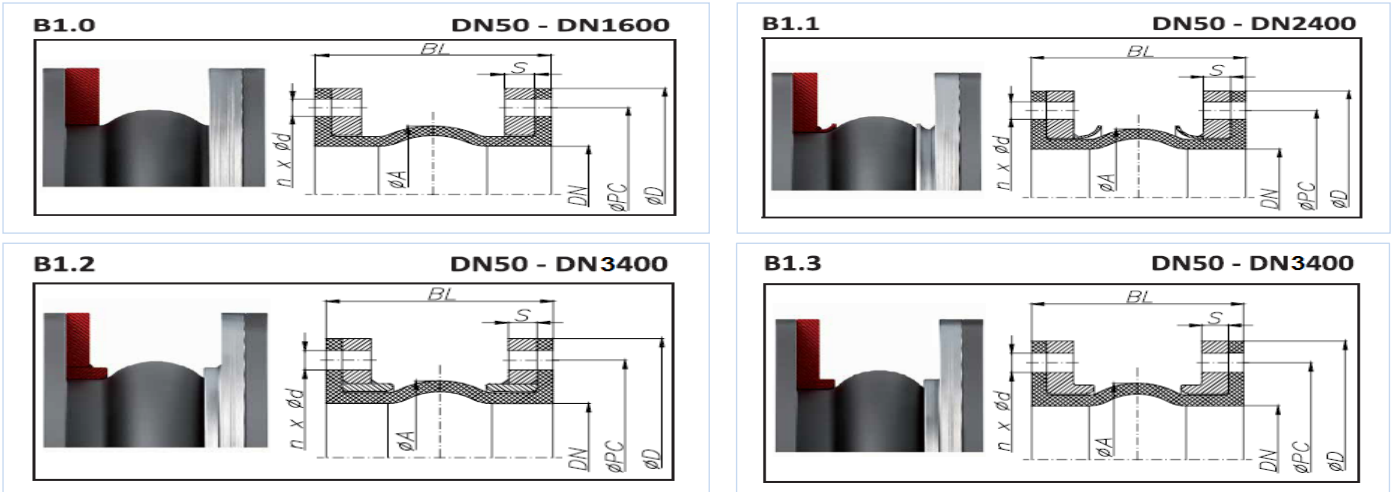


Rubber joint expansions with no-rotary flanges DN50-DN3400

METAL-GUM Zielona Góra ul. Naftowa 2, tel. (68) 451-97-03, bok@metal-gum.com.pl

Expansion joints with an increased contact surface to the pipeline flange, which increases the sealing properties of the compensator itself. Thanks to its design, it can work at higher pressures and larger diameters. The tightening torque for the screws is smaller than for expansion joints with swivel flanges.

Range of diameter : DN50 - DN3400



1. motion compensation

2. bellows surface

3. pressure

DN	Kompensacja ruchu				DN	Bellows		Pressure	A1.0	A1.1	A1.2	A1.3
	(± ↔)	(± ↔)	(± α°)	(± ▲▼)		ØA [mm]	Active surface [cm ²]					
	axial	angular	radial									
50	30	30	±35	±30	50	96	32	MPa 1,6	DN50-DN200	DN50-DN1200	DN50-DN1200	DN50-DN1200
65	30	30	±30	±30	65	111	53					
80	30	30	±30	±30	80	122	85					
100	30	30	±25	±30	100	142	128	MPa 1,0	DN50-DN1200	DN50-DN1200	DN50-DN1200	DN50-DN1200
125	30	30	±25	±30	125	168	187					
150	30	30	±20	±30	150	192	259					
200	30	30	±15	±30	200	252	410	MPa 0,6	DN50-DN1600	DN50-DN2400	DN50-DN3400	DN50-DN3400
250	30	30	±10	±30	250	302	596					
300	30	50	±10	±30	300	354	822					
350	50	50	±6	±30	350	430	907					
400	50	50	±8	±30	400	480	1018					
500	50	50	±6	±30	500	580	1692					
600	50	50	±6	±30	600	680	3078					
700	50	50	±6	±30	700	800	4019					
800	50	50	±5	±30	800	880	5436					
1000	20	20	±5	±30	1000	1080	8231					
1200	25	25	±5	±30	1200	1380	10102					
1500	25	25	±5	±30	1500	1655	20800					
1600	25	25	±5	±30	1600	1745	23770					
1800	20	20	±4	±25	1800	1935	29340					
2000	20	20	±4	±25	2000	2135	36420					
2200	20	20	±3	±20	2200	2335	45010					
2400	20	20	±3	±20	2400	2535	52990					
3400	20	30	±1,5	±20	3400	3578	95936					