

2831 - Rubber Expansion Joint DN 10 - 500

Description

Rubber expansion joint 2831 with EPDM bellows and steel flange.

Product features

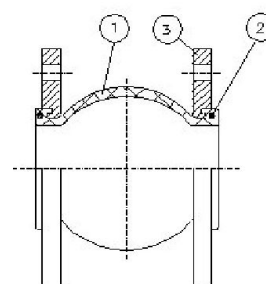
- Max. working pressure 16 bar
- Flange connection Flange DIN PN10
- Temperature range -20°C ÷ 135°C



2831

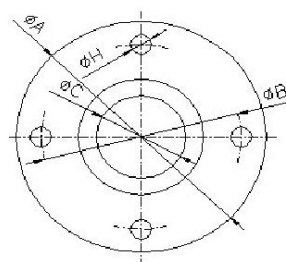
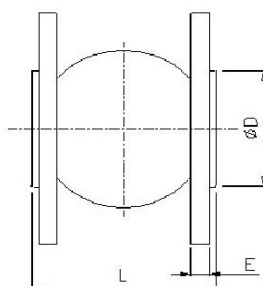
Construction

1	Bellows	EPDM	-
2	Ring	Carbon steel	Galvanized
3	Flange	Carbon steel	Galvanized

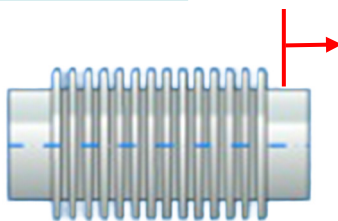


Dimensions

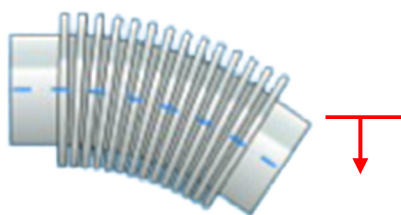
Code	DN	Rp"	PN	ØA	ØB	ØC	ØD	n x ØH	L	E	kg
2831.032	32	1 ¼	10	140	100	32	69	4 x 18	95	16	2.86
2831.040	40	1 ½	10	150	110	40	69	4 x 18	95	16	3.24
2831.050	50	2	10	165	125	52	86	4 x 18	105	18	4.10
2831.065	65	2 ½	10	185	145	68	106	4 x 18	115	18	4.87
2831.080	80	3	10	200	160	76	126	8 x 18	130	20	6.20
2831.100	100	4	10	220	180	103	150	8 x 18	135	20	6.80
2831.125	125	5	10	250	210	128	180	8 x 18	170	22	9.50
2831.150	150	6	10	285	240	152	209	8 x 23	180	22	12.40
2831.200	200	8	10	340	295	194	260	8 x 23	195	24	16.86
2831.250	250	10	10	395	350	250	320	12 x 23	240	26	21.20
2831.300	300	12	10	445	400	300	367	12 x 23	260	26	28.10
2831.350	350	14	10	505	460	320	408	16 x 23	265	28	36.70
2831.400	400	16	10	565	515	372	472	16 x 28	265	32	44.40
2831.450	450	18	10	615	565	415	522	20 x 28	265	36	46.80
2831.500	500	20	10	670	620	454	570	20 x 28	265	38	59.00



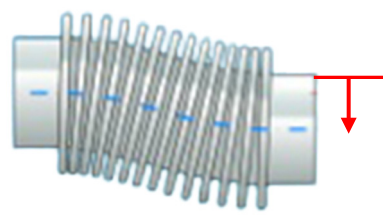
Movement



Axial movement



Angular movement



Lateral movement

Code	DN	Rp"	Axial (compression)	Axial (expansion)	Angular	Lateral
			mm	mm	$\alpha_1 + \alpha_2$	mm
2831.032	32	1 ¼	20	12	15°	14
2831.040	40	1 ½	20	12	15°	14
2831.050	50	2	20	12	15°	14
2831.065	65	2 ½	20	12	15°	14
2831.080	80	3	20	12	15°	14
2831.100	100	4	20	12	15°	14
2831.125	125	5	20	12	15°	14
2831.150	150	6	20	12	15°	14
2831.200	200	8	20	12	15°	14
2831.250	250	10	20	12	15°	14
2831.300	300	12	25	16	15°	22
2831.350	350	14	25	16	15°	22
2831.400	400	16	25	16	15°	22
2831.450	450	18	25	16	15°	22
2831.500	500	20	25	16	15°	22