

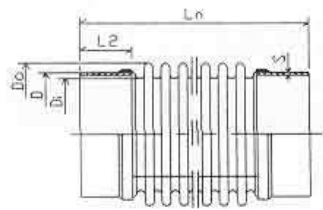


Kompensatory stalowe do spalin

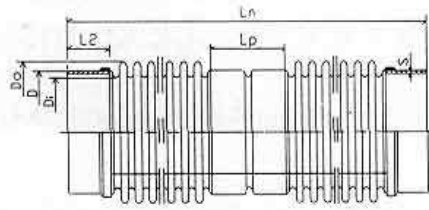
PN 2,5

Kompensatory spalinowe PN2,5 z przyłączami do spawania

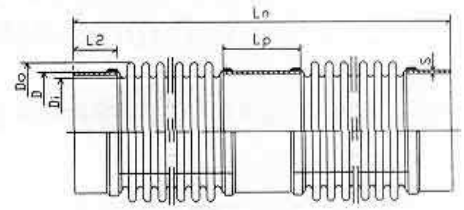
- typ 200 z przyłączami do spawania
 typ 201 z przyłączami do spawania i rurą wewnętrzną



wykonanie I



wykonanie II



wykonanie III

Parametry ciśnienie obliczeniowe: 0,25 MPa
 temperatura obliczeniowa: 550°C

Materiały mieszek: 1.4541, wielowarstwowy
 przyłącza: RSt 37-2,
 rura wewnętrzna: 1.4541
 rura pośrednia: wykonanie II – materiał mieszka
 wykonanie III – RSt 37-2

Przykład kompensator spalinowy z przyłączami do spawania i rurą wewnętrzną DN40 ax.: +/-21 mm
 oznaczenie: 201-02-21-40

DN	wyk.	kod	odkształcenia		BL	sprężystość		przyłącza			Di	Do	Pow. czynna	Lp	waga
			+/-AX	+/-LA		AX	LA	D	L2	S					
			[mm]	[mm]											
40	I	02-15-040	15	9	175	69	27	48.3	40	2.6	40.5	57.7	1893	-	0.4
40	I	02-21-040	21	20	215	48	10	48.3	40	2.6	40.5	57.7	1893	-	0.4
40	II	02-30-040	30	73	375	29	1	48.3	40	2.6	40.5	57.7	1893	58	0.6
40	III	02-43-040	41	95	480	43	1	48.3	40	2.6	40.5	57.7	1893	61	1.1
50	I	02-16-050	16	8	175	77	46	60.3	40	2.9	52.5	69.7	2932	-	0.5
50	I	02-23-050	23	17	215	53	17	60.3	40	2.9	52.5	69.7	2932	-	0.6
50	II	02-32-050	32	65	375	36	2	60.3	40	2.9	52.5	69.7	2932	76	0.6
50	III	02-46-050	38	85	480	32	1	60.3	40	2.9	52.5	69.7	2932	115	1.4
65	I	02-16-065	16	5	155	81	127	76.1	40	3.2	68.3	87.5	4766	-	0.7
65	I	02-29-065	29	16	215	43	22	76.1	40	3.2	68.3	87.5	4766	-	0.8
65	II	02-54-065	54	54	345	32	4	76.1	40	3.2	68.3	87.5	4766	67	1.0
65	III	02-58-065	44	85	475	29	1	76.1	40	3.2	68.3	87.5	4766	130	1.9
80	I	02-19-080	19	6	170	76	76	88.9	40	3.2	79.1	100.3	6319	-	0.9
80	I	02-30-080	30	15	220	48	31	88.9	40	3.2	79.1	100.3	6319	-	1.1
80	II	02-38-080	38	63	380	39	4	88.9	40	3.2	79.1	100.3	6319	115	2.0
80	III	02-59-080	48	95	485	30	1	88.9	40	3.2	79.1	100.3	6319	160	2.4
100	I	02-18-100	18	3	145	73	330	114.3	40	3.6	104.6	129.8	10788	-	1.2
100	I	02-33-100	33	10	190	41	67	114.3	40	3.6	104.6	129.8	10788	-	1.4
100	II	02-36-100	36	46	330	57	16	114.3	40	3.6	104.6	129.8	10788	63	2.2
100	III	02-66-100	50	75	435	29	2	114.3	40	3.6	104.6	129.8	10788	135	3.1
125	I	02-16-125	16	2.5	150	148	966	139.7	40	3.6	130.2	157.8	16286	-	1.8
125	I	02-35-125	35	11	220	67	112	139.7	40	3.6	130.2	157.8	16286	-	2.3
125	II	02-32-125	32	33	320	78	30	139.7	40	3.6	130.2	157.8	16286	89	2.7
125	III	02-70-125	55	85	490	27	5	139.7	40	3.6	130.2	157.8	16286	190	5.0
150	I	02-23-150	23	4	195	127	624	168.3	50	4.0	155.0	186.6	22979	-	2.8
150	I	02-40-150	40	12	255	70	126	168.3	50	4.0	155.0	186.6	22979	-	3.3

DN	wyk.	kod	odkształcenia		BL	sprężystość		przyłącza			Di	Do	Pow. czynna	Lp	waga
			+/-AX	+/-LA		AX	LA	D	L2	S					
			[mm]	[mm]											
150	II	02-45-150	45	46	395	31	11	168.3	50	4.0	155.0	186.6	22979	104	3.2
150	III	02-80-150	75	95	545	36	6	168.3	50	4.0	155.0	186.6	22979	145	7.2
175	I	02-22-175	22	3.5	195	139	907	193.7	50	4.5	180.6	212.2	30295	-	3.7
175	I	02-40-175	40	10	255	78	183	193.7	50	4.5	180.6	212.2	30295	-	4.3
175	II	02-44-175	44	40	395	34	16	193.7	50	4.5	180.6	212.2	30295	104	4.2
175	III	02-80-175	75	90	545	27	9	193.7	50	4.5	180.6	212.2	30295	145	9.6
200	I	02-25-200	25	3.5	195	128	1054	219.1	50	4.5	206.1	239.7	39022	-	4.3
200	I	02-44-200	44	10	255	71	219	219.1	50	4.5	206.1	239.7	39022	-	5.0
200	II	02-49-200	49	42	405	64	37	219.1	50	4.5	206.1	239.7	39022	116	6.0
200	III	02-88-200	75	80	545	41	11	219.1	50	4.5	206.1	239.7	39022	145	11.8
250	I	02-24-250	24	2.7	195	155	1970	273.3	50	5.0	260.0	293.6	60175	-	5.8
250	I	02-42-250	42	8	255	86	410	273.3	50	5.0	260.0	293.6	60175	-	6.7
250	II	02-47-250	47	33	405	65	70	273.3	50	5.0	260.0	293.6	60175	90	7.9
250	III	02-84-250	75	85	545	49	20	273.3	50	5.0	260.0	293.6	60175	145	14.8
300	I	02-25-300	25	2.5	235	155	2793	323.9	70	6.0	310.9	346.5	84857	-	9.8
300	I	02-45-300	45	7	290	86	607	323.9	70	6.0	310.9	346.5	84857	-	10.9
300	II	02-50-300	50	26	415	78	137	323.9	70	6.0	310.9	346.5	84857	96	12.2
300	III	02-90-300	90	65	585	43	30	323.9	70	6.0	310.9	346.5	84857	115	18.1
350	I	02-25-350	25	2	235	169	3659	355.6	70	6.0	342.6	378.2	102014	-	11.9
350	I	02-44-350	44	6	290	94	795	355.6	70	6.0	342.6	378.2	102014	-	13.1
350	II	02-50-350	50	24	415	72	154	355.6	70	6.0	342.6	378.2	102014	92	12.2
350	III	02-88-350	88	60	585	47	39	355.6	70	6.0	342.6	378.2	102014	115	20.0
400	I	02-38-400	38	3.5	255	93	1734	406.4	70	6.0	389.4	435.0	133446	-	14.2
400	I	02-65-400	65	10	330	52	364	406.4	70	6.0	389.4	435.0	133446	-	15.9
400	II	02-73-400	73	42	485	44	93	406.4	70	6.0	389.4	435.0	133446	68	15.0
400	III	02-99-400	110	70	660	57	57	406.4	70	6.0	389.4	435.0	133446	60	24.1
450	I	02-38-450	38	3	255	92	2183	457.2	70	6.0	440.2	487.8	169093	-	16.1
450	I	02-50-450	50	5	290	66	920	457.2	70	6.0	440.2	487.8	169093	-	17.1
450	II	02-71-450	71	37	490	49	125	457.2	70	6.0	440.2	487.8	169093	64	17.3
450	III	02-99-450	110	60	590	64	89	457.2	70	6.0	440.2	487.8	169093	45	26.4
500	I	02-32-500	32	2	240	153	5667	508.0	70	6.0	485.8	534.6	193766	-	17.0
500	I	02-73-500	73	9	340	66	631	508.0	70	6.0	485.8	534.6	193766	-	19.5
500	II	02-62-500	62	26	460	65	240	508.0	70	6.0	485.8	534.6	193766	62	22.2
500	III	02-99-500	150	90	685	33	38	508.0	70	6.0	485.8	534.6	193766	130	32.0
550	I	02-32-550	32	1.5	240	164	7321	559.0	70	6.0	536.0	585.6	247005	-	15.5
550	I	02-73-550	73	8	340	70	816	559.0	70	6.0	536.0	585.6	247005	-	18.3
550	II	02-62-550	62	24	460	69	310	559.0	70	6.0	536.0	585.6	247005	62	20.0
550	III	02-99-550	130	60	685	64	110	559.0	70	6.0	536.0	585.6	247005	60	32.7
600	I	02-36-600	36	2.5	270	225	7770	609.6	70	6.0	584.6	652.6	295706	-	24.3
600	I	02-68-600	68	7	330	76	1204	609.6	70	6.0	584.6	652.6	295706	-	24.9
600	II	02-72-600	140	70	655	47	87	609.6	70	6.0	584.6	652.6	295706	120	25.6
600	III	02-99-600	72	31	540	78	205	609.6	70	6.0	584.6	652.6	295706	161	41.6
700	I	02-41-700	41	2	270	174	8191	711.0	70	8.0	686.0	752.0	406020	-	28.8
700	I	02-63-700	63	5	330	105	2332	711.0	70	8.0	686.0	752.0	406020	-	31.8
700	II	02-79-700	79	33	565	88	260	711.0	70	8.0	686.0	752.0	406020	161	35.0
700	III	02-99-700	135	60	655	53	133	711.0	70	8.0	686.0	752.0	406020	120	57.6
800	I	02-41-800	41	2	270	196	11996	813.0	70	8.0	788.0	854.0	529391	-	36.4
800	I	02-66-800	66	5	330	118	3314	813.0	70	8.0	788.0	854.0	529392	-	39.9
800	II	02-79-800	79	29	565	98	381	813.0	70	8.0	788.0	854.0	529391	161	40.0
800	III	02-99-800	135	55	655	54	180	813.0	70	8.0	788.0	854.0	529391	120	66.2
900	I	02-41-900	41	1.5	270	217	16765	914.0	70	8.0	889.0	955.0	667654	-	41.1

DN	wyk.	kod	odkształcenia		BL	sprężystość		przyłącza			Di	Do	Pow. czynna	Lp	waga
			+/-AX	+/-LA		AX	LA	D	L2	S					
			[mm]	[mm]											
900	I	02-66-900	66	4	330	130	4631	914.0	70	8.0	889.0	955.0	667654	-	44.8
900	II	02-79-900	79	25	565	109	533	914.0	70	8.0	889.0	955.0	667654	161	45.0
900	III	02-99-900	135	48	655	60	253	914.0	70	8.0	889.0	955.0	667654	120	74.6
1000	I	02-41-910	41	1.5	270	239	22707	1016.0	70	8.0	991.0	1057.0	823550	-	45.6
1000	I	02-66-910	66	4	330	144	6273	1016.0	70	8.0	991.0	1057.0	823550	-	49.8
1000	II	02-79-910	79	23	565	110	668	1016.0	70	8.0	991.0	1057.0	823550	161	51.0
1000	III	02-99-910	135	55	755	66	198	1016.0	70	8.0	991.0	1057.0	823550	228	103.4
1100	I	02-41-911	40	1.5	270	260	30052	1120.0	70	8.0	1095.0	1161.0	999328	-	60.0
1100	I	02-66-911	66	3	330	156	8301	1120.0	70	8.0	1095.0	1161.0	999328	-	64.6
1100	II	02-79-911	79	21	565	120	986	1120.0	70	8.0	1095.0	1161.0	999328	168	56.0
1100	III	02-99-911	135	50	755	72	263	1120.0	70	8.0	1095.0	1161.0	999328	220	114.1
1200	I	02-40-912	40	1	270	281	38451	1220.0	70	8.0	1195.0	1261.0	1184368	-	65.5
1200	I	02-66-912	66	3	330	169	10622	1220.0	70	8.0	1195.0	1261.0	1184368	-	70.4
1200	II	02-79-912	79	19	565	130	1135	1220.0	70	8.0	1195.0	1261.0	1184368	168	61.0
1200	III	02-99-912	135	45	755	78	336	1220.0	70	8.0	1195.0	1261.0	1184368	220	124.2
1300	I	02-40-913	40	1	270	302	48343	1320.0	70	8.0	1295.0	1361.0	1385115	-	78.6
1300	I	02-66-913	66	3	330	181	13355	1320.0	70	8.0	1295.0	1361.0	1385115	-	83.9
1300	II	02-79-913	79	17	565	139	1427	1320.0	70	8.0	1295.0	1361.0	1385115	168	66.0
1300	III	02-99-913	130	41	755	116	683	1320.0	70	8.0	1295.0	1361.0	1385115	210	152.7
1400	I	02-40-914	40	1	270	323	59838	1420.0	70	8.0	1395.0	1461.0	1601571	-	84.6
1400	I	02-66-914	66	2	330	194	16530	1420.0	70	8.0	1395.0	1461.0	1601571	-	90.3
1400	II	02-79-914	79	16	565	222	2793	1420.0	70	8.0	1395.0	1461.0	1601571	160	86.0
1400	III	02-99-914	130	38	755	124	746	1420.0	70	8.0	1395.0	1461.0	1601571	210	164.3
1500	I	02-41-915	41	1	270	513	102164	1520.0	70	8.0	1495.0	1561.0	1833735	-	107.8
1500	I	02-66-915	66	2	330	207	20169	1520.0	70	8.0	1495.0	1561.0	1833735	-	106.2
1500	II	02-79-915	79	15	565	237	3302	1520.0	70	8.0	1495.0	1561.0	1833735	173	92.0
1500	III	02-99-915	130	36	755	132	906	1520.0	70	8.0	1495.0	1561.0	1833735	210	175.8
1600	I	02-41-916	41	1	270	545	123098	1620.0	70	8.0	1595.0	1661.0	2081606	-	114.8
1600	I	02-65-916	65	2	330	220	23596	1620.0	70	8.0	1595.0	1661.0	2081606	-	113.2
1600	II	02-78-916	78	14	565	251	3979	1620.0	70	8.0	1595.0	1661.0	2081606	170	92.0
1600	III	02-99-916	130	33	755	140	1096	1620.0	70	8.0	1595.0	1661.0	2081606	210	187.4
1700	I	02-41-917	41	1	270	456	117693	1720.0	70	8.0	1695.5	1768.5	2356056	-	132.2
1700	I	02-68-917	68	2	340	274	31561	1720.0	70	8.0	1695.5	1768.5	2356056	-	144.0
1700	II	02-78-917	78	14	590	266	4017	1720.0	70	8.0	1695.5	1768.5	2356056	173	105.0
1700	III	02-99-917	135	34	765	148	1244	1720.0	70	8.0	1695.5	1768.5	2356056	220	202.4
1800	I	02-41-918	41	0.9	270	481	138831	1820.0	70	8.0	1795.5	1868.5	2635972	-	140.0
1800	I	02-68-918	68	2	340	288	37261	1820.0	70	8.0	1795.5	1868.5	2635972	-	152.5
1800	II	02-78-918	78	13	595	291	4591	1820.0	70	8.0	1795.5	1868.5	2635972	173	110.0
1800	III	02-99-918	135	32	765	156	1467	1820.0	70	8.0	1795.5	1868.5	2635972	220	214.2
1900	I	02-41-919	41	0.9	270	506	162344	1920.0	70	8.0	1895.5	1968.5	2931596	-	164.3
1900	I	02-68-919	68	2	340	304	43572	1920.0	70	8.0	1895.5	1968.5	2931596	-	177.4
1900	II	02-78-919	78	13	595	295	5375	1920.0	70	8.0	1895.5	1968.5	2931596	173	117.0
1900	III	02-99-919	135	30	765	164	1716	1920.0	70	8.0	1895.5	1968.5	2931596	220	225.9
2000	I	02-41-920	41	0.5	270	531	188356	2020.0	70	8.0	1995.5	2068.5	3242928	-	172.9
2000	I	02-68-920	38	2	340	319	50553	2020.0	70	8.0	1995.5	2068.5	3242928	-	186.7
2000	II	02-78-920	78	12	590	309	6439	2020.0	70	8.0	1995.5	2068.5	3242928	173	123.0
2000	III	02-99-920	135	29	765	148	1712	2020.0	70	8.0	1995.5	2068.5	3242928	220	240.9
2100	I	02-41-921	41	0.5	270	555	216992	2120.0	70	8.0	2095.5	2168.5	3569968	-	197.7
2100	I	02-68-921	68	2	340	333	58239	2120.0	70	8.0	2095.5	2168.5	3569968	-	212.2
2100	II	02-78-921	78	11	590	277	6369	2120.0	70	8.0	2095.5	2168.5	3569968	185	132.0
2100	III	02-99-921	135	27	765	134	1709	2120.0	70	8.0	2095.5	2168.5	3569968	220	256.1

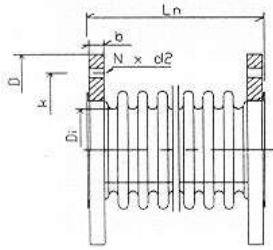
DN	wyk.	kod	odkształcenia		BL	sprężystość		przyłącza			Di	Do	Pow. czynna	Lp	waga
			+/-AX	+/-LA		AX	LA	D	L2	S					
			[mm]	[mm]		[N/mm]	[N/mm]	[mm]	[mm]	[mm]					
2200	I	02-41-922	41	0,5	275	769	310348	2220.0	70	8.0	2195.5	2268.5	3912715	-	218.9
2200	I	02-68-922	68	2	340	348	66618	2220.0	70	8.0	2195.5	2268.5	3912715	-	222.2
2200	II	02-78-922	78	11	590	232	5863	2220.0	70	8.0	2195.5	2268.5	3912715	186	140.0
2200	III	02-99-922	135	26	765	130	1826	2200.0	70	8.0	2195.5	2268.5	3912715	220	269.8

Uwagi:

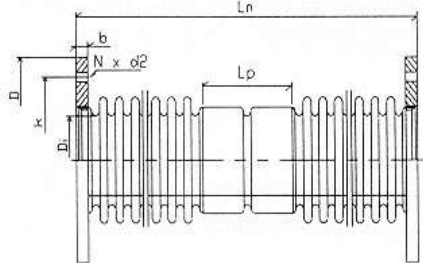
- Odształcenia zawarte w tabeli dotyczą kompensatorów bez rury wewnętrznej
- Wykonania specjalne na zapytanie

Kompensatory spalinowe PN2,5 z przyłączami kołnierzowymi

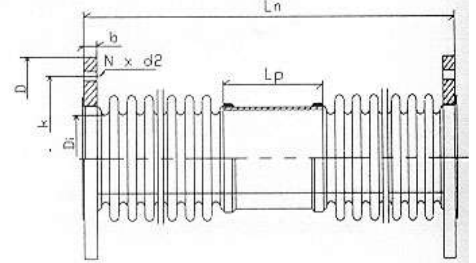
- typ 202** z kołnierzami luźnymi
typ 203 z kołnierzami luźnymi i rurą wewnętrzną
typ 204 z kołnierzami stałymi
typ 205 z kołnierzami stałymi i rurą wewnętrzną



wykonanie I



wykonanie II



wykonanie III

Parametry ciśnienie obliczeniowe: 0,25 MPa
 temperatura obliczeniowa: 550°C

Materiały mieszek: 1.4541, wielowarstwowy
 kołnierze: RSt 37-2, wg DIN 86044
 rura wewnętrzna: 1.4541
 rura pośrednia: wykonanie II – materiał mieszka
 wykonanie III – RSt 37-2

Przykład kompensator spalinowy z kołnierzami luźnymi i rurą wewnętrzną DN40 ax.: +/-21 mm
 oznaczenie: 202-02-21-40

DN	wyk.	kod	odkształcenia		BL	sprężystość		kołnierze wg DIN 86044					Di	Pow. czynna	Lp	waga
			+/-AX	+/-LA		AX	LA	D	b	k	N	d2				
			[mm]	[mm]												
40	I	02-15-040	15	9	125	69	27	150	16	110	4	18	39.6	1893	-	3.9
40	I	02-21-040	21	20	165	48	10	150	16	110	4	18	39.6	1893	-	3.9
40	II	02-30-040	21	45	275	47	3	150	16	110	4	18	39.6	1893	90	6.2
40	III	02-43-040	30	85	430	33	1	150	16	110	4	18	40.5	1893	190	4.6
50	I	02-16-050	16	8	130	77	46	165	18	125	4	18	51.7	2932	-	5.1
50	I	02-23-050	23	17	170	50	17	165	18	125	4	18	51.7	2932	-	5.2
50	II	02-32-050	23	42	275	32	4	165	18	125	4	18	51.7	2932	100	5.6
50	III	02-46-050	35	85	435	27	1	165	18	125	4	18	52.5	2932	170	6.4
65	I	02-16-065	16	5	110	81	127	185	18	145	4	18	67.7	4766	-	6.3
65	I	02-29-065	29	16	170	43	22	185	18	145	4	18	67.7	4766	-	6.4
65	II	02-54-065	20	42	275	41	6	185	18	145	4	18	67.7	4766	90	6.8
65	III	02-58-065	40	90	430	29	1	185	18	145	4	18	68.3	4766	185	7.8
80	I	02-19-080	19	6	130	76	76	200	20	160	8	18	78.9	6319	-	7.9
80	I	02-30-080	30	15	180	48	31	200	20	160	8	18	78.9	6319	-	8.1
80	II	02-38-080	38	60	340	34	4	200	20	160	8	18	78.9	6319	90	8.2
80	III	02-59-080	45	90	445	30	1	200	20	160	8	18	79.1	6319	180	9.6
100	I	02-18-100	18	3	105	73	330	220	20	180	8	18	104.4	10788	-	8.5
100	I	02-33-100	33	10	150	41	67	220	20	180	8	18	104.4	10788	-	8.7
100	II	02-36-100	36	42	290	37	9	220	20	180	8	18	104.4	10788	130	9.2
100	III	02-66-100	50	70	395	29	4	220	20	180	8	18	104.6	10788	155	11.2
125	I	02-16-125	16	2.5	115	148	966	250	22	210	8	18	129.5	16286	-	11.6
125	I	02-35-125	35	11	185	67	112	250	22	210	8	18	129.5	16286	-	12.1
125	II	02-32-125	32	30	285	77	39	250	22	210	8	18	129.5	16286	90	13.0
125	III	02-70-125	55	80	455	27	4	250	22	210	8	18	130.2	16286	210	14.8

DN	wyk.	kod	odkształcenia		BL	sprężystość		kolnierze wg DIN 86044					Di	Pow. czynna	Lp	waga
			+/-AX	+/-LA		AX	LA	D	b	k	N	d2				
			[mm]	[mm]												
150	I	02-23-150	23	4	140	127	624	285	22	240	8	22	154.1	22979	-	14.0
150	I	02-40-150	40	12	200	70	126	285	22	240	8	22	154.1	22979	-	14.5
150	II	02-45-150	45	46	340	53	25	285	22	240	8	22	154.1	22979	100	16.0
150	III	02-80-150	60	80	490	46	7	285	22	240	8	22	155.1	22979	210	19.0
175	I	02-22-175	22	3.2	145	139	907	315	24	270	8	22	179.5	30295	-	18.0
175	I	02-40-175	40	10	205	78	183	315	24	270	8	22	179.5	30295	-	18.6
175	II	02-44-175	44	40	345	100	48	315	24	270	8	22	179.5	30295	107	19.4
175	III	02-80-175	80	95	495	50	10	315	24	270	8	22	180.6	30295	210	24.2
200	I	02-25-200	25	3.54	125	128	1054	320	16	280	8	18	205.4	39022	-	11.3
200	I	02-44-200	44	10	185	71	219	320	16	280	8	18	205.4	39022	-	12.0
200	II	02-49-200	49	40	335	64	46	320	16	280	8	18	205.4	39022	100	13.3
200	III	02-88-200	70	80	475	40	12	320	16	280	8	18	206.1	39022	170	18.6
250	I	02-24-250	24	2.7	125	155	1970	375	16	335	12	18	259.4	60175	-	13.6
250	I	02-42-250	42	8	185	86	410	375	16	335	12	18	259.4	60175	-	14.5
250	II	02-47-250	47	30	335	77	85	375	16	335	12	18	259.4	60175	100	16.2
250	III	02-84-250	70	65	475	49	22	375	16	335	12	18	260.0	60175	170	24.6
300	I	02-25-300	25	2.5	125	155	2793	440	16	395	12	22	310.4	84857	-	13.9
300	I	02-45-300	45	7	180	86	607	440	16	395	12	22	310.4	84857	-	15.0
300	II	02-50-300	50	26	310	64	134	440	16	395	12	22	310.4	84857	80	21.2
300	III	02-90-300	80	65	475	43	32	440	16	395	12	22	310.9	84857	135	31.8
350	I	02-25-350	25	2	125	169	3659	490	16	445	12	22	342.4	102014	-	22.9
350	I	02-44-350	44	6	180	94	795	490	16	445	12	22	342.4	102014	-	24.1
350	II	02-50-350	50	24	310	71	176	490	16	445	12	22	342.4	102014	80	26.4
350	III	02-88-350	80	65	475	47	41	490	16	445	12	22	342.6	102014	135	38.7
400	I	02-38-400	38	3.5	145	93	1734	540	16	495	16	22	389.4	133446	-	25.8
400	I	02-65-400	65	10	220	52	364	540	16	495	16	22	389.4	133446	-	27.5
400	II	02-73-400	73	35	375	53	113	540	16	495	16	22	389.4	133446	105	30.8
400	III	02-99-400	100	70	550	43	33	540	16	495	16	22	389.4	133446	200	42.6
450	I	02-38-450	38	3	145	92	2183	595	16	550	16	22	440.4	169093	-	29.9
450	I	02-50-450	50	5	180	66	920	595	16	550	16	22	440.4	169093	-	30.9
450	II	02-71-450	71	30	380	59	153	595	16	550	16	22	440.4	169093	105	34.4
450	III	02-99-450	90	50	480	48	74	595	16	550	16	22	440.2	169093	130	48.8
500	I	02-32-500	32	2	130	153	5667	645	16	600	20	22	485.4	193766	-	31.3
500	I	02-73-500	73	9	230	66	631	645	16	600	20	22	485.4	193766	-	33.8
500	II	02-62-500	62	24	350	69	224	645	16	600	20	22	485.4	193766	115	36.2
500	III	02-99-500	110	70	575	43	47	645	16	600	20	22	485.8	193766	190	53.6
550	I	02-32-550	32	1.5	140	164	7321	703	20	650	20	22	536.4	247005	-	44.6
550	I	02-73-550	73	8	240	70	816	703	20	650	20	22	536.4	247005	-	47.4
550	II	02-62-550	62	22	360	74	284	703	20	650	20	22	536.4	247005	115	50.0
550	III	02-99-550	110	65	585	46	60	703	20	650	20	22	536.0	247005	190	69.2
600	I	02-36-600	36	2.5	170	225	7770	754	20	700	20	22	585.0	295706	-	50.5
600	I	02-68-600	68	7	230	76	1204	754	20	700	20	22	585.0	295706	-	51.1
600	II	02-72-600	72	31	440	78	228	754	20	700	20	22	585.0	295706	160	59.4
600	III	02-99-600	140	65	555	47	96	754	20	700	20	22	584.6	295706	135	81.6
700	I	02-41-700	41	2	170	174	8191	856	20	800	24	22	687.0	406020	-	58.5
700	I	02-63-700	63	5	230	105	2332	856	20	800	24	22	687.0	406020	-	61.5
700	II	02-79-700	79	31	465	88	296	856	20	800	24	22	687.0	406020	160	68.4
700	III	02-99-700	140	55	555	53	146	856	20	800	24	22	686.0	406020	135	84.5
800	I	02-41-800	41	2	170	196	11996	958	20	900	24	22	789.0	529391	-	66.5
800	I	02-66-800	66	5	230	118	3314	958	20	900	24	22	789.0	529392	-	70.0
800	II	02-79-800	79	27	465	98	434	958	20	900	24	22	789.0	529391	160	77.8

DN	wyk.	kod	odkształcenia		BL	sprężystość		kolnierze wg DIN 86044					Di	Pow. czynna	Lp	waga
			+/-AX	+/-LA		AX	LA	D	b	k	N	d2				
			[mm]	[mm]												
800	III	02-99-800	135	50	555	59	214	958	20	900	24	22	788.0	529391	135	107.0
900	I	02-41-900	41	1.5	170	217	16765	1010	20	1010	28	22	891.0	667654	-	74.3
900	I	02-66-900	66	4	230	130	4631	1010	20	1010	28	22	891.0	667654	-	78.0
900	II	02-79-900	79	25	465	109	622	1010	20	1010	28	22	891.0	667654	160	86.8
900	III	02-99-900	135	40	555	65	299	1010	20	1010	28	22	889.0	667654	135	120.6
1000	I	02-41-910	41	1.5	170	239	22707	1162	20	1110	32	22	993.0	823550	-	81.9
1000	I	02-66-910	66	4	230	144	6273	1162	20	1110	32	22	993.0	823550	-	86.0
1000	II	02-79-910	79	21	465	119	847	1162	20	1110	32	22	993.0	823550	160	95.8
1000	III	02-99-910	135	45	655	71	229	1162	20	1110	32	22	993.0	823550	235	133.2
1100	I	02-41-911	41	1.5	170	260	30052	1266	20	1210	32	22	1097.0	999328	-	90.1
1100	I	02-66-911	66	3	230	156	8301	1266	20	1210	32	22	1097.0	999328	-	94.7
1100	II	02-79-911	79	19	465	130	1117	1266	20	1210	32	22	1097.0	999328	160	105.6
1100	III	02-99-911	135	45	655	72	281	1266	20	1210	32	22	1095.0	999328	235	147.2
1200	I	02-40-912	40	1	170	281	38451	1366	20	1310	36	22	1197.0	1184368	-	97.6
1200	I	02-66-912	66	3	230	169	10622	1366	20	1310	36	22	1197.0	1184368	-	102.5
1200	II	02-79-912	79	17	465	140	1429	1366	20	1310	36	22	1197.0	1184368	160	114.4
1200	III	02-99-912	135	45	655	78	360	1366	20	1310	36	22	1195.0	1184368	235	159.8
1300	I	02-40-913	40	1	170	302	48343	1466	20	1410	40	22	1297.0	1385115	-	105.0
1300	I	02-66-913	66	3	230	181	13355	1466	20	1410	40	22	1297.0	1385115	-	110.3
1300	II	02-79-913	79	16	465	151	1798	1466	20	1410	40	22	1297.0	1385115	160	123.2
1300	III	02-99-913	130	41	655	116	641	1466	20	1410	40	22	1295.0	1385115	225	195.4
1400	I	02-40-914	40	1	170	323	59838	1566	20	1510	40	22	1397.0	1601571	-	113.0
1400	I	02-66-914	66	2	230	194	16530	1566	20	1510	40	22	1397.0	1601571	-	118.7
1400	II	02-79-914	79	15	465	162	2226	1566	20	1510	40	22	1397.0	1601571	160	137.6
1400	III	02-99-914	130	38	655	123	792	1566	20	1510	40	22	1395.0	1601571	225	210.6
1500	I	02-41-915	41	1	170	513	102164	1666	20	1610	44	22	1497.0	1833735	-	128.1
1500	I	02-66-915	66	2	230	207	20169	1666	20	1610	44	22	1497.0	1833735	-	126.5
1500	II	02-79-915	79	14	465	172	2626	1666	20	1610	44	22	1497.0	1833735	160	141.4
1500	III	02-99-915	130	36	655	132	966	1666	20	1610	44	22	1495.0	1833735	225	224.2
1600	I	02-41-916	41	1	170	545	123098	1766	20	1710	48	22	1597.0	2081606	-	136.0
1600	I	02-65-916	65	2	230	2220	23596	1766	20	1710	48	22	1597.0	2081606	-	134.3
1600	II	02-78-916	78	14	465	183	3169	1766	20	1710	48	22	1597.0	2081606	160	150.3
1600	III	02-99-916	130	33	655	139	1163	1766	20	1710	48	22	1595.0	2081606	225	247.2
1700	I	02-41-917	41	1	170	456	117693	1866	20	1810	48	22	1697.0	2356056	-	145.6
1700	I	02-68-917	68	2	240	274	31561	1866	20	1810	48	22	1697.0	2356056	-	157.4
1700	II	02-78-917	78	14	490	287	5599	1866	20	1810	48	22	1697.0	2356056	160	180.6
1700	III	02-99-917	135	34	665	148	1387	1866	20	1810	48	22	1695.0	2356056	235	266.2
1800	I	02-41-918	41	0.9	170	481	138831	1966	20	1910	52	22	1797.0	2635972	-	153.6
1800	I	02-68-918	68	2	240	288	37261	1966	20	1910	52	22	1797.0	2635972	-	166.1
1800	II	02-78-918	78	12	465	303	6611	1966	20	1910	52	22	1797.0	2635972	160	190.8
1800	III	02-99-918	135	32	665	155	1558	1966	20	1910	52	22	1795.0	2635972	235	281.1
1900	I	02-41-919	41	0.9	170	506	162344	2066	20	2010	56	22	1897.0	2931596	-	161.8
1900	I	02-68-919	68	2	240	304	43572	2066	20	2010	56	22	1897.0	2931596	-	174.9
1900	II	02-78-919	78	12	465	399	7737	2066	20	2010	56	22	1897.0	2931596	160	200.8
1900	III	02-99-919	135	30	665	164	1822	2066	20	2010	56	22	1895.0	2931596	235	296.4
2000	I	02-41-920	41	0.5	170	531	188356	2166	20	2110	56	22	1997.0	3242928	-	170.2
2000	I	02-68-920	68	2	240	319	50553	2166	20	2110	56	22	1997.0	3242928	-	184.0
2000	II	02-78-920	78	11	465	286	7701	2166	20	2110	56	22	1997.0	3242928	175	213.0
2000	III	02-99-920	135	29	665	147	1817	2166	20	2110	56	22	1995.0	3242928	235	360.8
2100	I	02-41-921	41	0.5	170	555	216992	2266	20	2210	60	22	2097.0	3569968	-	178.2
2100	I	02-68-921	68	2	240	333	58239	2266	20	2210	60	22	2097.0	3569968	-	192.7

DN	wyk.	kod	odkształcenia		BL	sprężystość		kołnierze wg DIN 86044					Di	Pow. czynna	Lp	waga
			+/-AX	+/-LA		AX	LA	D	b	k	N	d2				
			[mm]	[mm]		[N/mm]	[N/mm]	[mm]	[mm]	[mm]	[szt]	[mm]				
2100	II	02-78-921	78	10	465	300	8875	2266	20	2210	60	22	2097.0	3569968	175	223.0
2100	III	02-99-921	135	27	665	144	1947	2266	20	2210	60	22	2095.5	3569968	235	378.2
2200	I	02-41-922	41	0.5	175	769	310348	2366	20	2310	64	22	2197.0	3912715	-	198.0
2200	I	02-68-922	68	2	240	348	66618	2366	20	2310	64	22	2197.0	3912715	-	201.3
2200	II	02-78-922	78	11	465	313	10162	2366	20	2310	64	22	2197.0	3912715	175	233.0
2200	III	02-99-922	135	26	665	164	2399	2366	20	2310	64	22	2195.0	3912715	235	396.0

Uwagi:

- Odształcenia zawarte w tabeli dotyczą kompensatorów bez rury wewnętrznej
- Wykonania specjalne na zapytanie