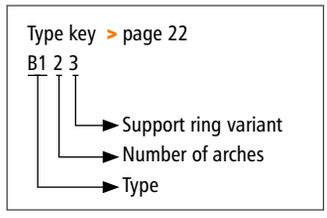
B120 ⌀ 50 - 5,000 mm
⧄ 6,000 x 3,000 mm

- **Type B120**
  without vacuum rings
- **Type B121**
  with internal vacuum rings
- **Type B122**
  with embedded vacuum rings
- **Type B123**
  without vacuum rings,
  with external support ring
- **Type B124**
  with internal vacuum rings,
  with external support ring
- **Type B125**
  with embedded vacuum rings,
  with external support ring

Type key > page 22



Universal expansion joint with two arches

Design: Streamlined, double wide arch slip-on sleeve type rubber bellows, designed to compensate all directional movements, have a cycle life in the tens of millions, constructed with a high-grade leak-proof tube, multiple layers of high-strength cord, a seamless cover, and fixing clamps. Optional with vacuum rings and/or external support ring. In compliance with PED 2014/68/EU, FSA Technical Handbook and ASTM F1123 - 87. Available in split-wrap or custom offset arrangements.

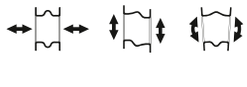
Diameters: ⌀ 50 to 5,000 mm, custom diameters possible

Length: = Installation gap + 2 x fixing width
L_0 = 250 to 500 mm (standard installation gaps) (> page 185–187)
Custom length on request

Fixing width: At least 40 mm
Depends on pressure, diameter and clamp type

Pressure: Up to 6 bar depending on diameter and length
Vacuum not allowed without vacuum rings, with vacuum rings up to 0.05 bar absolute

Movement: For axial, lateral and angular movements
For axial extension or vacuum, the expansion joint can slip of the pipeline (groove as needed at the pipeline end)

 (> page 185–187)

Application:
Power plants, plant construction, food processing, wastewater treatment plants, industrial facilities, e. g. to disconnect pipelines, on oscillating conveyor systems, on sieving machines

Request assembly instructions at:
www.ditec-adam.de/en/contact

Bellows elastomers and reinforcements

Elastomer	Fabric	Marking	°C	Application
EPDM	Polyamid		-40 | +100	Cooling water, hot water, seawater, acids, dilute chlorine compounds
EPDM	Aramid		-40 | +100	Cooling water, hot water, seawater, acids, dilute chlorine compounds
EPDMht	Aramid		-40 | +120	Cooling water, hot water, seawater, acids, dilute chlorine compounds
EPDMwras	Polyamid		-40 | +100	Drinking water, foodstuffs
EPDMwras	Aramid		-40 | +100	Drinking water, foodstuffs
EPDMbeige	Polyamid		-40 | +100	Foodstuffs
EPDMbeige	Aramid		-40 | +100	Foodstuffs
IIR	Polyamid		-20 | +100	Hot water, acids, bases, gases
IIR	Aramid		-20 | +100	Hot water, acids, bases, gases
CSM	Polyamid		-20 | +100	Strong acids, bases, chemicals
CSM	Aramid		-20 | +100	Strong acids, bases, chemicals
NBR	Polyamid		-30 | +100	Oils, petrol, solvents, compressed air
NBR	Aramid		-30 | +100	Oils, petrol, solvents, compressed air
NBRbeige	Polyamid		-30 | +100	Oil, fatty foods
NBRbeige	Aramid		-30 | +100	Oil, fatty foods
CR	Polyamid		-20 | +90	Cooling water, slightly oily water, seawater
CR	Aramid		-20 | +90	Cooling water, slightly oily water, seawater
FPM	Aramid		-20 | +180	Corrosive chemicals, petroleum distillates
FPMbeige	Aramid		-20 | +180	Oil, fatty foods
NR	Polyamid		-20 | +70	Abrasive materials
Silicon	Aramid Glass		-60 | +200	Air, saltwater atmosphere, foodstuffs, medical technology

PTFE-lining: Firmly embedded against chemical attacks on the interior at the rubber bellows, available starting at ∅ 300 mm. Take the restriction of the listed movement into account (> page 185–187)

Clamps

Design: Depending on pressure and the diameter, endless clamp belt, screw thread belt, small clamps or hinge bolt clamps. At higher pressures, 2 parallel clamps per side

Width:

Endless clamp belt:	¾"
Screw thread belt:	½"
Small clamp:	depending on Ø: 9–12 mm
Hinge bolt clamp:	depending on Ø: 18–30 mm

Materials:

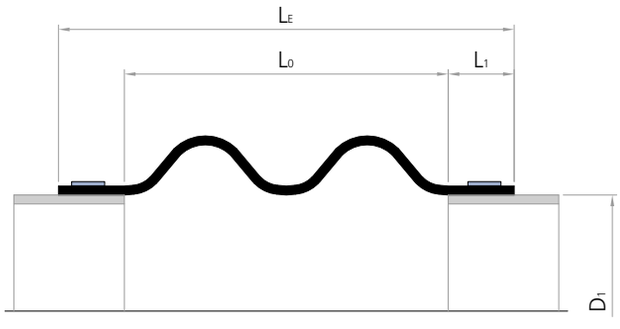
Endless clamp belt with screw lugs (tongs):	1.7300
Screw thread belt with threaded screw lugs:	1.4310
Small clamp, belt and housing:	1.4016 (Screw steel galvanised)
Hinge bolt clamp, belt and housing:	1.4016 (Screw steel galvanised)

Support rings

TYPE	Support rings	Vacuum ring	Support ring	Pressure	Movement
B120		None	None	Low pressure, vacuum stability on request	> page 185
B121		Medium contact, inside the arch	None	Low pressure, for vacuum up to 0.05 bar absolute	> page 186
B122		No medium contact, embedded in the arches	None	Low pressure, for vacuum up to 0.05 bar absolute	> page 187
B123		None	External between the arches	Depending on the diameter up to 6 bar, slight vacuum	> page 185
B124		Medium contact, inside the arch	External between the arches	Depending on the diameter up to 6 bar, for vacuum up to 0.05 bar absolute	> page 186
B125		No medium contact, embedded in the arches	External between the arches	Depending on the diameter up to 6 bar, for vacuum up to 0.05 bar absolute	> page 187

Materials		
Stainless steel	Carbon steel, rubberised	Carbon steel, embedded

Cross section B120



B120

> without vacuum rings

B123

> without vacuum rings, with external support ring

Installation gap

	L_0 = 250 mm					L_0 = 300 mm					L_0 = 350 mm				
	Movement				A	Movement				A	Movement				A
∅															
mm	mm	mm	±mm	±°	cm²	mm	mm	±mm	±°	cm²	mm	mm	±mm	±°	cm²
50	62	20	41	38.7	96	80	40	60	58.0	155	88	41	65	58.6	159
65	62	20	40	31.6	125	80	40	59	50.9	191	88	41	63	51.6	196
80	62	20	39	26.6	152	80	40	58	45.0	224	88	41	62	45.7	229
100	62	20	38	21.8	212	80	40	56	38.7	297	88	41	61	39.4	303
125	62	20	38	17.7	283	80	40	55	32.6	379	88	41	60	33.3	386
150	62	20	37	14.9	374	80	40	54	28.1	484	88	41	59	28.7	492
175	62	20	36	12.9	466	80	40	54	24.6	588	88	41	58	25.1	597
200	62	20	36	11.3	569	80	40	53	21.8	703	88	41	57	22.3	712
250	62	20	35	9.1	819	80	40	52	17.7	979	88	41	56	18.2	990
300	62	20	35	7.6	1,098	80	40	51	14.9	1,281	88	41	55	15.3	1,294
350	62	20	34	6.5	1,292	80	40	50	12.9	1,490	88	41	54	13.2	1,504
400	62	20	34	5.7	1,636	80	40	50	11.3	1,858	88	41	54	11.6	1,873
450	62	20	33	5.1	2,020	80	40	49	10.1	2,267	88	41	53	10.3	2,283
500	62	20	33	4.6	2,445	80	40	49	9.1	2,715	88	41	52	9.3	2,734
550	62	20	33	4.2	2,911	80	40	48	8.3	3,205	88	41	52	8.5	3,225
600	62	20	33	3.8	3,417	80	40	48	7.6	3,735	88	41	52	7.8	3,757
650	62	20	32	3.5	3,964	80	40	48	7.0	4,305	88	41	51	7.2	4,329
700	62	20	32	3.3	4,551	80	40	47	6.5	4,917	88	41	51	6.7	4,941
750	62	20	32	3.1	5,178	80	40	47	6.1	5,568	88	41	51	6.2	5,595
800	62	20	32	2.9	5,847	80	40	47	5.7	6,260	88	41	50	5.9	6,288
850	62	20	32	2.7	6,555	80	40	46	5.4	6,993	88	41	50	5.5	7,023
900	62	20	31	2.5	7,305	80	40	46	5.1	7,766	88	41	50	5.2	7,798
1000	62	20	31	2.3	8,925	80	40	46	4.6	9,434	88	41	49	4.7	9,469
1100	62	20	31	2.1	10,496	80	40	45	4.2	11,047	88	41	49	4.3	11,085
1200	62	20	31	1.9	12,370	80	40	45	3.8	12,969	88	41	48	3.9	13,009
1300	62	20	30	1.8	14,420	80	40	45	3.5	15,066	88	41	48	3.6	15,109
1400	62	20	30	1.6	16,627	80	40	44	3.3	17,320	88	41	48	3.4	17,366
1500	62	20	30	1.5	18,991	80	40	44	3.1	19,731	88	41	47	3.1	19,781

Installation gap

	L_0 = 400 mm					L_0 = 450 mm					L_0 = 500 mm				
	Movement				A	Movement				A	Movement				A
∅															
mm	mm	mm	±mm	±°	cm²	mm	mm	±mm	±°	cm²	mm	mm	±mm	±°	cm²
50	106	61	84	67.7	233	121	65	93	69	255	138	85	112	73.6	347
65	106	61	82	62	278	121	65	91	63.4	302	138	85	109	69.1	402
80	106	61	80	56.7	317	121	65	89	58.4	343	138	85	107	64.8	448
100	106	61	79	50.7	402	121	65	87	52.4	431	138	85	105	59.5	549
125	106	61	77	44.3	498	121	65	85	46.1	530	138	85	103	53.7	659
150	106	61	76	39.1	617	121	65	84	40.9	653	138	85	101	48.6	796
175	106	61	75	34.9	734	121	65	83	36.6	773	138	85	100	44.2	928
200	106	61	74	31.4	861	121	65	82	33	903	138	85	99	40.4	1,070
250	106	61	72	26	1,164	121	65	80	27.5	1,213	138	85	97	34.2	1,405
300	106	61	71	22.1	1,492	121	65	79	23.4	1,548	138	85	95	29.5	1,764
350	106	61	70	19.2	1,717	121	65	78	20.4	1,777	138	85	94	25.9	2,008
400	106	61	69	17	2,111	121	65	77	18	2,176	138	85	93	23	2,431
450	106	61	69	15.2	2,545	121	65	76	16.1	2,617	138	85	92	20.7	2,896
500	106	61	68	13.7	3,019	121	65	75	14.6	3,097	138	85	91	18.8	3,400
550	106	61	67	12.5	3,534	121	65	75	13.3	3,619	138	85	90	17.2	3,946
600	106	61	67	11.5	4,090	121	65	74	12.2	4,181	138	85	89	15.8	4,532
650	106	61	66	10.6	4,686	121	65	73	11.3	4,783	138	85	89	14.7	5,158
700	106	61	66	9.9	5,322	121	65	73	10.5	5,426	138	85	88	13.7	5,825
750	106	61	66	9.2	5,999	121	65	72	9.8	6,110	138	85	87	12.8	6,533
800	106	61	65	8.7	6,717	121	65	72	9.2	6,834	138	85	87	12	7,281
850	106	61	65	8.2	7,475	121	65	72	8.7	7,598	138	85	86	11.3	8,069
900	106	61	64	7.7	8,274	121	65	71	8.2	8,404	138	85	86	10.7	8,898
1000	106	61	64	7	9,993	121	65	71	7.4	10,136	138	85	85	9.6	10,678
1100	106	61	63	6.3	11,652	121	65	70	6.7	11,805	138	85	84	8.8	12,390
1200	106	61	63	5.8	13,623	121	65	69	6.2	13,789	138	85	84	8.1	14,420
1300	106	61	62	5.4	15,770	121	65	69	5.7	15,948	138	85	83	7.5	16,627
1400	106	61	62	5	18,074	121	65	68	5.3	18,265	138	85	83	6.9	18,991
1500	106	61	62	4.6	20,536	121	65	68	5	20,739	138	85	82	6.5	21,512

Recommended sizes
Further possible sizes

Reduction of movement for expansion joints with PTFE lining: axial compression: -33 %; axial extension: -66 %; lateral displacement: -50 %; angular movement: -66 %. In the event of axial extension and simultaneous lateral displacement the above movements are reduced (> page 29). Angular movement only possible with guided external support ring. For larger movements see type B130 or B133.

Customised products available

B121

> with internal vacuum rings

B124

> with internal vacuum rings, with external support ring

Installation gap

	L_0 = 125 mm					L_0 = 150 mm					L_0 = 175 mm				
	Movement				A	Movement				A	Movement				A
∅ mm	mm	mm	±mm	±°	cm²	mm	mm	±mm	±°	cm²	mm	mm	±mm	±°	cm²
50	62	7	41	38.7	96	80	13	60	58.0	155	88	13	65	58.6	159
65	62	7	40	31.6	125	80	13	59	50.9	191	88	13	63	51.6	196
80	62	7	39	26.6	152	80	13	58	45.0	224	88	13	62	45.7	229
100	62	7	38	21.8	212	80	13	56	38.7	297	88	13	61	39.4	303
125	62	7	38	17.7	283	80	13	55	32.6	379	88	13	60	33.3	386
150	62	7	37	14.9	374	80	13	54	28.1	484	88	13	59	28.7	492
175	62	7	36	12.9	466	80	13	54	24.6	588	88	13	58	25.1	597
200	62	7	36	11.3	569	80	13	53	21.8	703	88	13	57	22.3	712
250	62	7	35	9.1	819	80	13	52	17.7	979	88	13	56	18.2	990
300	62	7	35	7.6	1,098	80	13	51	14.9	1,281	88	13	55	15.3	1,294
350	62	7	34	6.5	1,292	80	13	50	12.9	1,490	88	13	54	13.2	1,504
400	62	7	34	5.7	1,636	80	13	50	11.3	1,858	88	13	54	11.6	1,873
450	62	7	33	5.1	2,020	80	13	49	10.1	2,267	88	13	53	10.3	2,283
500	62	7	33	4.6	2,445	80	13	49	9.1	2,715	88	13	52	9.3	2,734
550	62	7	33	4.2	2,911	80	13	48	8.3	3,205	88	13	52	8.5	3,225
600	62	7	33	3.8	3,417	80	13	48	7.6	3,735	88	13	52	7.8	3,757
650	62	7	32	3.5	3,964	80	13	48	7.0	4,305	88	13	51	7.2	4,329
700	62	7	32	3.3	4,551	80	13	47	6.5	4,917	88	13	51	6.7	4,941
750	62	7	32	3.1	5,178	80	13	47	6.1	5,568	88	13	51	6.2	5,595
800	62	7	32	2.9	5,847	80	13	47	5.7	6,260	88	13	50	5.9	6,288
850	62	7	32	2.7	6,555	80	13	46	5.4	6,993	88	13	50	5.5	7,023
900	62	7	31	2.5	7,305	80	13	46	5.1	7,766	88	13	50	5.2	7,798
1000	62	7	31	2.3	8,925	80	13	46	4.6	9,434	88	13	49	4.7	9,469
1100	62	7	31	2.1	10,496	80	13	45	4.2	11,047	88	13	49	4.3	11,085
1200	62	7	31	1.9	12,370	80	13	45	3.8	12,969	88	13	48	3.9	13,009
1300	62	7	30	1.8	14,420	80	13	45	3.5	15,066	88	13	48	3.6	15,109
1400	62	7	30	1.6	16,627	80	13	44	3.3	17,320	88	13	48	3.4	17,366
1500	62	7	30	1.5	18,991	80	13	44	3.1	19,731	88	13	47	3.1	19,781

Installation gap

	L_0 = 200 mm					L_0 = 225 mm					L_0 = 250 mm				
	Movement				A	Movement				A	Movement				A
∅ mm	mm	mm	±mm	±°	cm²	mm	mm	±mm	±°	cm²	mm	mm	±mm	±°	cm²
50	106	20	84	68	233	121	21	93	69	255	138	28	112	74	347
65	106	20	82	62	278	121	21	91	63.4	302	138	28	109	69.1	402
80	106	20	80	56.7	317	121	21	89	58.4	343	138	28	107	64.8	448
100	106	20	79	50.7	402	121	21	87	52.4	431	138	28	105	59.5	549
125	106	20	77	44.3	498	121	21	85	46.1	530	138	28	103	53.7	659
150	106	20	76	39.1	617	121	21	84	40.9	653	138	28	101	48.6	796
175	106	20	75	34.9	734	121	21	83	36.6	773	138	28	100	44.2	928
200	106	20	74	31.4	861	121	21	82	33	903	138	28	99	40.4	1,070
250	106	20	72	26	1,164	121	21	80	27.5	1,213	138	28	97	34.2	1,405
300	106	20	71	22.1	1,492	121	21	79	23.4	1,548	138	28	95	29.5	1,764
350	106	20	70	19.2	1,717	121	21	78	20.4	1,777	138	28	94	25.9	2,008
400	106	20	69	17	2,111	121	21	77	18	2,176	138	28	93	23	2,431
450	106	20	69	15.2	2,545	121	21	76	16.1	2,617	138	28	92	20.7	2,896
500	106	20	68	13.7	3,019	121	21	75	14.6	3,097	138	28	91	18.8	3,400
550	106	20	67	12.5	3,534	121	21	75	13.3	3,619	138	28	90	17.2	3,946
600	106	20	67	11.5	4,090	121	21	74	12.2	4,181	138	28	89	15.8	4,532
650	106	20	66	10.6	4,686	121	21	73	11.3	4,783	138	28	89	14.7	5,158
700	106	20	66	9.9	5,322	121	21	73	10.5	5,426	138	28	88	13.7	5,825
750	106	20	66	9.2	5,999	121	21	72	9.8	6,110	138	28	87	12.8	6,533
800	106	20	65	8.7	6,717	121	21	72	9.2	6,834	138	28	87	12	7,281
850	106	20	65	8.2	7,475	121	21	72	8.7	7,598	138	28	86	11.3	8,069
900	106	20	64	7.7	8,274	121	21	71	8.2	8,404	138	28	86	10.7	8,898
1000	106	20	64	7	9,993	121	21	71	7.4	10,136	138	28	85	9.6	10,678
1100	106	20	63	6.3	11,652	121	21	70	6.7	11,805	138	28	84	8.8	12,390
1200	106	20	63	5.8	13,623	121	21	69	6.2	13,789	138	28	84	8.1	14,420
1300	106	20	62	5.4	15,770	121	21	69	5.7	15,948	138	28	83	7.5	16,627
1400	106	20	62	5	18,074	121	21	68	5.3	18,265	138	28	83	6.9	18,991
1500	106	20	62	4.6	20,536	121	21	68	5	20,739	138	28	82	6.5	21,512

Recommended sizes
Further possible sizes

Reduction of movement for expansion joints with PTFE lining: axial compression: -33 %; axial extension: -0 %; lateral displacement: -50 %; angular movement: -0 %. In the event of axial extension and simultaneous lateral displacement the above movements are reduced (> page 29). Angular movement only possible with guided external support ring. For larger movements see type B131 or B134.

Customised products available

B122

> with embedded vacuum rings

B125

> with embedded vacuum rings, with external support ring

Installation gap

	L_0 = 125 mm					L_0 = 150 mm					L_0 = 175 mm				
	Movement				A	Movement				A	Movement				A
∅															
mm	mm	mm	±mm	±°	cm²	mm	mm	±mm	±°	cm²	mm	mm	±mm	±°	cm²
50	41	5	38	29.2	76	52	12	57	54.5	129	58	12	63	56.0	137
65	41	5	37	23.3	102	52	12	56	47.1	163	58	12	61	48.7	172
80	41	5	37	19.3	126	52	12	55	41.2	193	58	12	60	42.8	203
100	41	5	36	15.6	182	52	12	54	35.0	261	58	12	59	36.5	273
125	41	5	35	12.6	248	52	12	53	29.2	339	58	12	58	30.6	352
150	41	5	35	10.6	334	52	12	52	25.0	439	58	12	57	26.3	454
175	41	5	34	9.1	422	52	12	51	21.8	538	58	12	56	22.9	554
200	41	5	34	8.0	519	52	12	51	19.3	647	58	12	55	20.3	666
250	41	5	33	6.4	760	52	12	50	15.6	913	58	12	54	16.5	935
300	41	5	32	5.3	1,029	52	12	49	13.1	1,206	58	12	53	13.9	1,231
350	41	5	32	4.6	1,217	52	12	48	11.3	1,409	58	12	52	11.9	1,436
400	41	5	32	4.0	1,551	52	12	48	9.9	1,768	58	12	52	10.5	1,798
450	41	5	31	3.6	1,926	52	12	47	8.8	2,166	58	12	51	9.3	2,200
500	41	5	31	3.2	2,341	52	12	47	8.0	2,606	58	12	51	8.4	2,642
550	41	5	31	2.9	2,797	52	12	46	7.3	3,086	58	12	50	7.7	3,125
600	41	5	30	2.7	3,294	52	12	46	6.7	3,606	58	12	50	7.0	3,649
650	41	5	30	2.5	3,831	52	12	45	6.1	4,167	58	12	50	6.5	4,213
700	41	5	30	2.3	4,408	52	12	45	5.7	4,769	58	12	49	6.0	4,818
750	41	5	30	2.1	5,027	52	12	45	5.3	5,411	58	12	49	5.6	5,463
800	41	5	30	2.0	5,685	52	12	45	5.0	6,093	58	12	49	5.3	6,149
850	41	5	30	1.9	6,384	52	12	44	4.7	6,816	58	12	48	5.0	6,875
900	41	5	29	1.8	7,124	52	12	44	4.4	7,580	58	12	48	4.7	7,642
1000	41	5	29	1.6	8,725	52	12	44	4.0	9,229	58	12	48	4.2	9,297
1100	41	5	29	1.5	10,279	52	12	43	3.6	10,825	58	12	47	3.8	10,899
1200	41	5	29	1.3	12,135	52	12	43	3.3	12,728	58	12	47	3.5	12,808
1300	41	5	28	1.2	14,166	52	12	43	3.1	14,806	58	12	47	3.3	14,892
1400	41	5	28	1.1	16,354	52	12	42	2.9	17,041	58	12	46	3.0	17,134
1500	41	5	28	1.1	18,699	52	12	42	2.7	19,433	58	12	46	2.8	19,532

Installation gap

	L_0 = 200 mm					L_0 = 225 mm					L_0 = 250 mm				
	Movement				A	Movement				A	Movement				A
∅															
mm	mm	mm	±mm	±°	cm²	mm	mm	±mm	±°	cm²	mm	mm	±mm	±°	cm²
50	70	19	82	66	207	80	19	89	66	207	91	26	108	72	290
65	70	19	80	60.3	249	80	19	87	60.3	249	91	26	106	67.4	340
80	70	19	78	54.9	286	80	19	85	54.9	286	91	26	104	62.9	383
100	70	19	77	48.7	367	80	19	84	48.7	367	91	26	102	57.3	476
125	70	19	75	42.4	459	80	19	82	42.4	459	91	26	100	51.3	580
150	70	19	74	37.2	574	80	19	81	37.2	574	91	26	98	46.1	708
175	70	19	73	33.1	687	80	19	79	33.1	687	91	26	97	41.7	833
200	70	19	72	29.7	810	80	19	79	29.7	810	91	26	95	38	968
250	70	19	71	24.5	1,104	80	19	77	24.5	1,104	91	26	94	32	1,288
300	70	19	69	20.8	1,425	80	19	76	20.8	1,425	91	26	92	27.5	1,632
350	70	19	69	18	1,645	80	19	75	18	1,645	91	26	91	24	1,867
400	70	19	68	15.9	2,030	80	19	74	15.9	2,030	91	26	90	21.3	2,277
450	70	19	67	14.2	2,456	80	19	73	14.2	2,456	91	26	89	19.1	2,727
500	70	19	66	12.8	2,922	80	19	72	12.8	2,922	91	26	88	17.3	3,217
550	70	19	66	11.7	3,429	80	19	72	11.7	3,429	91	26	87	15.8	3,748
600	70	19	65	10.8	3,977	80	19	71	10.8	3,977	91	26	86	14.6	4,319
650	70	19	65	9.9	4,565	80	19	71	9.9	4,565	91	26	86	13.5	4,931
700	70	19	64	9.2	5,194	80	19	70	9.2	5,194	91	26	85	12.6	5,584
750	70	19	64	8.6	5,863	80	19	70	8.6	5,863	91	26	85	11.7	6,277
800	70	19	64	8.1	6,573	80	19	69	8.1	6,573	91	26	84	11	7,011
850	70	19	63	7.6	7,323	80	19	69	7.6	7,323	91	26	84	10.4	7,785
900	70	19	63	7.2	8,114	80	19	68	7.2	8,114	91	26	83	9.8	8,600
1000	70	19	62	6.5	9,817	80	19	68	6.5	9,817	91	26	82	8.9	10,351
1100	70	19	62	5.9	11,461	80	19	67	5.9	11,461	91	26	82	8.1	12,037
1200	70	19	61	5.4	13,417	80	19	67	5.4	13,417	91	26	81	7.4	14,040
1300	70	19	61	5	15,548	80	19	66	5	15,548	91	26	81	6.8	16,218
1400	70	19	60	4.7	17,837	80	19	66	4.7	17,837	91	26	80	6.4	18,554
1500	70	19	60	4.3	20,283	80	19	65	4.3	20,283	91	26	79	5.9	21,047

Recommended sizes
Further possible sizes

Reduction of movement for expansion joints with PTFE lining: axial compression: -0 %; axial extension: -0 %; lateral displacement: -0 %; angular movement: -0 %. In the event of axial extension and simultaneous lateral displacement the above movements are reduced (> page 29). Angular movement only possible with guided external support ring. For larger movements see type B132 or B135.

Customised products available