

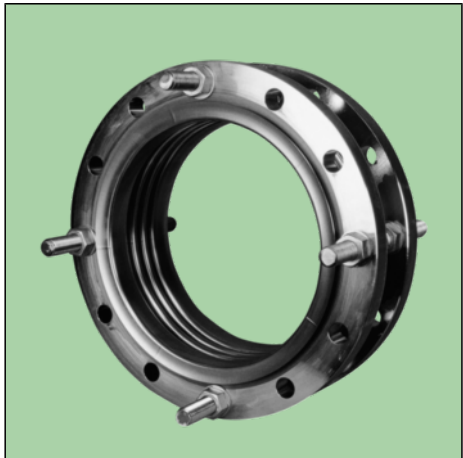
VAG FLEXINOX® Dismantling Joint, rigid with threaded anchor bolts through both ends, flanges made of stainless steel



Water

PN 10/16 - DN 80...1200

KAT-A 5014-b-E



Note

We recommend the use of the internal guide sleeves, if

- the medium can be expected to generate high-frequency vibrations and/or turbulence
- DN > 150 when the following flow velocities are exceeded: gaseous: 8 m/s
- liquid: 3.5 m/s

For proper installation and safe operation please follow the installation and operation instructions:
 “Installation and Operating Instructions for Valves”

Product characteristics and benefits

- With flange ends on both sides acc. to EN 1092-2
- Suitable for transmission of pipe forces
- Axially adjustable
- For easy installation and dismantling of valves
- One piece stainless steel multilayer bellow
- Easy assembly/disassembly due to the elasticity of the pre-stress bellow
- Maintenance free

Materials

- Bellow: Stainless steel 1.4571
- Flanges: Stainless steel 1.4541
- Threaded anchor bolts: Stainless steel 1.4541

Versions

- Standard version as described
- For buried installation with protective jacket of stainless steel 1.4541
- Bigger sizes available on request
- Special designs available on request
- Other pressure ratings available on request
- Internal conduit of stainless steel 1.4541 to reduce friction loss and vibration

Field of Application

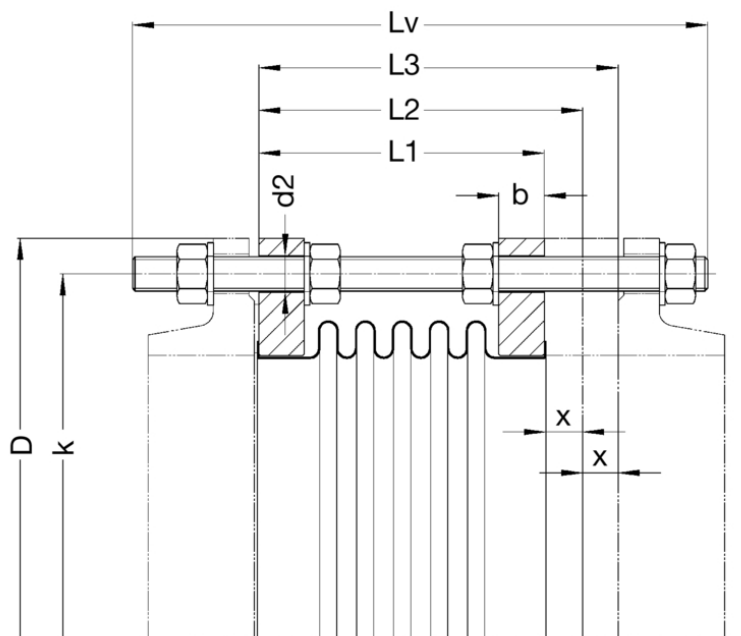
- Underground installation
- Chamber installation
- Installation in plants

Field of application

DN	PN	Maximum operating pressure [bar]	Maximum operating temperature for neutral liquids [°C]
80...1200	16	16	200
80...1200	10	10	200



Drawing



L1: Delivery length
L2: Length of installation
L3: Max. face-to-face length
Lv: Length of clamping
D: Outer diameter of flange
k: Bolt-circle diameter of flange

Technical data

PN 16

DN		80	100	125	150	175	200	250	300	350	400	450	500
D	[mm]	200	220	250	285	315	340	405	460	520	580	640	715
L1	[mm]	175	175	175	175	195	195	205	225	235	245	245	255
L2	[mm]	200	200	200	200	220	220	230	250	260	270	270	280
L3	[mm]	225	225	225	225	245	245	255	275	285	295	295	305
Lv	[mm]	325	330	335	340	365	365	395	415	435	455	470	490
b	[mm]	20	22	24	24	26	26	32	32	36	38	42	44
d2	[mm]	18	18	18	22	22	22	26	26	26	30	30	33
k	[mm]	160	180	210	240	270	295	355	410	470	525	585	650
Thread M		16	16	16	20	20	20	24	24	24	27	27	30
Number of holes flange connection		8	8	8	8	8	12	12	12	16	16	20	20
Number of holes of clamping		4	4	4	4	4	4	4	4	4	4	5	5
Adjustment dimensions +/-	[mm]	25	25	25	25	25	25	25	25	25	25	25	25
Weight approx.	[kg]	11.00	12.00	15.00	23.00	24.00	25.00	38.00	46.00	74.00	92.00	110.00	170.00

VAG FLEXINOX® Dismantling Joint, rigid with threaded anchor bolts through both ends, flanges made of stainless steel



Water

Technical data

PN 16

DN		600	700	800	900	1000	1100	1200
D	[mm]	840	910	1025	1125	1255	1355	1485
L1	[mm]	275	275	295	295	315	290	310
L2	[mm]	300	300	320	320	340	315	335
L3	[mm]	325	325	345	345	365	340	360
Lv	[mm]	525	500	530	535	565	550	590
b	[mm]	48	36	38	40	42	42	48
d2	[mm]	36	36	39	39	42	42	48
k	[mm]	770	840	950	1050	1170	1270	1390
Thread M		33	33	36	36	39	39	45
Number of holes flange connection		20	24	24	28	28	32	32
Number of holes of clamping		6	8	12	12	12	12	12
Adjustment dimensions +/-	[mm]	25	25	25	25	25	25	25
Weight approx.	[kg]	220.00	240.00	315.00	385.00	450.00	520.00	625.00

PN 10

DN		80	100	125	150	175	200	250	300	350	400	450	500
D	[mm]	200	220	250	285	315	340	395	445	505	565	615	670
L1	[mm]	175	175	175	175	195	195	195	195	205	205	225	235
L2	[mm]	200	200	200	200	220	220	220	220	230	230	250	260
L3	[mm]	225	225	225	225	245	245	245	245	255	255	275	285
Lv	[mm]	330	330	335	340	370	370	370	370	385	395	425	440
b	[mm]	20	22	24	24	26	26	28	28	30	32	32	34
d2	[mm]	18	18	18	22	22	22	22	22	22	26	26	26
k	[mm]	160	180	210	240	270	295	350	400	460	515	565	620
Thread M		16	16	16	20	20	20	20	20	20	24	24	24
Number of holes flange connection		8	8	8	8	8	8	12	12	16	16	20	20
Number of holes of clamping		4	4	4	4	4	4	4	4	4	4	5	5
Adjustment dimensions +/-	[mm]	25	25	25	25	25	25	25	25	25	25	25	25
Weight approx.	[kg]	10.00	11.00	14.00	22.00	23.00	24.00	32.00	42.00	63.00	68.00	86.00	110.00

PN 10

DN		600	700	800	900	1000	1100	1200
D	[mm]	780	895	1015	1115	1230	1340	1455
L1	[mm]	235	235	265	265	265	280	300
L2	[mm]	260	260	290	290	290	305	325
L3	[mm]	285	285	315	315	315	330	350
Lv	[mm]	450	440	475	480	490	510	540
b	[mm]	36	30	32	34	34	34	38
d2	[mm]	30	30	33	33	36	36	39
k	[mm]	725	840	950	1050	1160	1270	1380
Thread M		27	27	30	30	33	33	36
Number of holes flange connection		20	24	24	28	28	32	32
Number of holes of clamping		7	8	8	10	10	12	12
Adjustment dimensions +/-	[mm]	25	25	25	25	25	25	25
Weight approx.	[kg]	150.00	180.00	240.00	320.00	380.00	450.00	490.00