

INDUSTRIAL HOSES - compensators

Steel compensators

Steel compensators are designed to absorb a particular amount of displacement of the pipeline according to specified working conditions and size. In order to obtain the maximum service life in the conditions of working pressure follow the recommendations listed below:

Before installation

Check if the compensator delivered to the installation spot has not been damaged during shipment. Any damage caused to the steel bellow may severely shorten service life of the compensator. Only if the assembly of installation is completed, the compensator can be fitted into position. It applies to pipe supports or moving props of the piping system in particular.

The compensator must not be used as a pipeline support neither carry its load. No torsion or rotation - an outcome of stress occurring in the pipeline during installation or service must be imposed on the compensator.

During installation

No mechanical impact e.g. heavy blow should be imposed on a compensator. It is unacceptable to drop the compensator on hard surface. Do not use rope or chain directly on the bellow to lift the compensator during installation. The compensators with internal sleeves should be installed pointing the flow direction. It is essential to maintain the alignment of the compensator with the pipeline during installation.

Nuts of compensators with flanges should be tightened up one after another diagonally in several attempts. The space left for the compensator in the pipeline must be exactly the same as the length required to install the compensator.

After installation

Remove all shipping bars and other devices employed to keep the initial stress of the compensator (if there were any). Check if the compensator has not been damaged during shipment. No foreign material can be trapped between the corrugations of the bellow. Check if all pipe guides and supports are adequate before pressure test of the installation. Never exceed the maximum working pressure. If the pipeline is covered with insulating coating, do not allow the material of the coating to enter the corrugation of the bellow.

During service

Working pressure and displacement of the compensator shall never exceed the permissible values. It is crucial to avoid pressure jumps caused either by faulty equipment or its malfunction. If the working conditions of installations such as pressure or temperature change it is recommended to re-examine the adequacy of the compensator for these modified working conditions.

Maintenance

Steel compensators are virtually maintenance-free. They only require periodic visual inspection during service. In case of any malfunction - leakage, cracks, signs of corrosion or damage of steel bellows in particular, the compensator must be replaced with a new one. Steel compensators are unrecoverable.

Temperature correction factor for steel compensators

The working parameters of steel compensators given in the tables are for the maximum working pressure of each particular type: 2.5 - 10 - 16 bar and for the temperature of +120°C.

In order to calculate the maximum working pressure for working temperature other than the one specified in the parameters, use the correction factors given in the table below.

working temperature [°C]	20	50	100	120	150	200	250	300	350	400	450	500	550
correction factor	1.183	1.095	1.026	1.000	0.962	0.912	0.863	0.823	0.794	0.769	0.750	0.735	0.725

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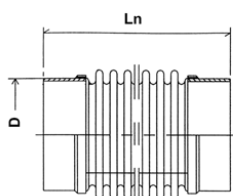
Steel compensators



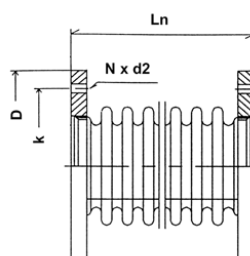
AX1T - PN 16

AX1SU-16: Welding ends
AX1FU-16: EN 1092-1 fixed flanges
AX1BU-16: EN 1092-1 swivel flanges
Material: AISI 321
Flanges: Carbon steel
Welding ends: Carbon steel
Working temp.: Up to +550°C
Working press.: Up to 16 bar
 (apply the temperature correction factor for temperatures above +120°C)

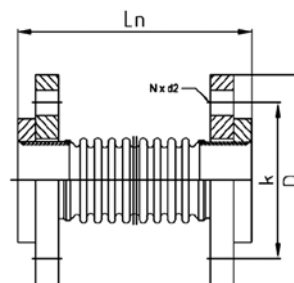
Axial compensators designed for application in pipelines to compensate axial and lateral movements. Stainless steel ends and compensators longer than standard are available on request.



AX1SU-16 type



AX1FU-16 type



AX1BU-16 type

code	nominal diameter [mm]	angular movement [± mm]	elasticity [N/mm]		Ln	D	k	N x d2
			axial	lateral				
BMT-AX1SU-16-0040-16	DN 40	8	132.1	107.3	180	48.3	-	-
BMT-AX1SU-16-0050-22	DN 50	11	88.1	84.3	190	60.3	-	-
BMT-AX1SU-16-0065-24	DN 65	12	99.9	154.8	190	76.1	-	-
BMT-AX1SU-16-0080-22	DN 80	11	188.6	313.6	200	88.9	-	-
BMT-AX1SU-16-0100-30	DN 100	15	134.5	374	205	114.3	-	-
BMT-AX1SU-16-0125-38	DN 125	19	174.5	888.4	195	139.7	-	-
BMT-AX1SU-16-0150-38	DN 150	19	293.9	1163.6	230	168.3	-	-
BMT-AX1SU-16-0200-56	DN 200	28	249.2	1199.5	255	219.1	-	-
BMT-AX1SU-16-0250-56	DN 250	28	298.2	2186.6	255	273	-	-
BMT-AX1SU-16-0300-58	DN 300	29	398.2	3751.7	255	323.9	-	-
BMT-AX1FU-16-0040-16	DN 40	8	132.1	107.3	110	150	110	4 x 18
BMT-AX1FU-16-0050-22	DN 50	11	88.1	84.3	120	165	125	4 x 18
BMT-AX1FU-16-0065-24	DN 65	12	99.9	154.8	120	185	145	8 x 18
BMT-AX1FU-16-0080-22	DN 80	11	188.6	313.6	140	200	160	8 x 18
BMT-AX1FU-16-0100-30	DN 100	15	134.5	374	145	220	180	8 x 18
BMT-AX1FU-16-0125-38	DN 125	19	174.5	888.4	135	250	188	8 x 18
BMT-AX1FU-16-0150-38	DN 150	19	293.9	1163.6	170	285	212	8 x 22
BMT-AX1FU-16-0200-56	DN 200	28	249.2	1199.5	190	340	268	12 x 22
BMT-AX1FU-16-0250-56	DN 250	28	298.2	2186.6	200	405	355	12 x 26
BMT-AX1FU-16-0300-58	DN 300	29	398.2	3751.7	205	460	410	12 x 26
BMT-AX1BU-16-0040-16	DN 40	8	132.1	107.3	180	150	110	4 x 18
BMT-AX1BU-16-0050-22	DN 50	11	88.1	84.3	190	165	125	4 x 18
BMT-AX1BU-16-0065-24	DN 65	12	99.9	154.8	190	185	145	8 x 18
BMT-AX1BU-16-0080-22	DN 80	11	188.6	313.6	200	200	160	8 x 18
BMT-AX1BU-16-0100-30	DN 100	15	134.5	374	210	220	180	8 x 18
BMT-AX1BU-16-0125-38	DN 125	19	174.5	888.4	200	250	188	8 x 18
BMT-AX1BU-16-0150-38	DN 150	19	293.9	1163.6	245	285	212	8 x 22
BMT-AX1BU-16-0200-56	DN 200	28	249.2	1199.5	290	340	268	12 x 22
BMT-AX1BU-16-0250-56	DN 250	28	298.2	2186.6	300	405	355	12 x 26
BMT-AX1BU-16-0300-58	DN 300	29	398.2	3751.7	310	460	410	12 x 26

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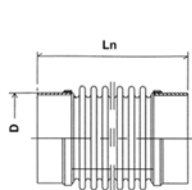
Steel compensators



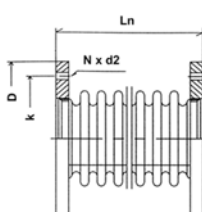
UN1 - PN 2.5

UN1SU-03: Welding ends
UN1FU-03: Fixed flanges according to DIN 86044
UN1BU-03: Swivel flanges according to DIN 86044
Material: AISI 321
Flanges: Carbon steel
Welding ends: Carbon steel
Working temp.: Up to +550°C
Working press.: Up to 2.5 bar
 (apply the temperature correction factor for temperatures above +120°C)

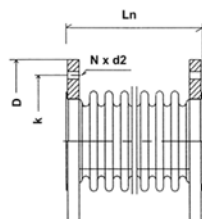
General purpose compensators designed for application in pipelines to compensate axial and lateral movements.



UN1SU-03 type



UN1FU-03 type



UN1BU-03 type

code	nominal diameter [mm]	movement [± mm]		elasticity [N/mm]		Ln	D	k	N x d2
		axial	lateral	axial	lateral				
BM-UN1SU-03-0040-015-0	DN 40	15	9	69	27	175	48.3	-	-
BM-UN1SU-03-0050-016-0	DN 50	16	8	77	46	175	60.3	-	-
BM-UN1SU-03-0065-016-0	DN 65	16	5	81	127	155	76.1	-	-
BM-UN1SU-03-0080-019-0	DN 80	19	6	76	76	170	88.9	-	-
BM-UN1SU-03-0100-018-0	DN 100	18	3	73	330	145	114.3	-	-
BM-UN1SU-03-0125-016-0	DN 125	16	2.5	148	966	150	139.7	-	-
BM-UN1SU-03-0150-023-0	DN 150	23	4	127	624	195	168.3	-	-
BM-UN1SU-03-0175-022-0	DN 175	22	3.5	139	907	195	193.7	-	-
BM-UN1SU-03-0200-025-0	DN 200	25	3.5	128	1054	195	219.1	-	-
BM-UN1SU-03-0250-024-0	DN 250	24	2.7	155	1970	195	273	-	-
BM-UN1SU-03-0300-025-0	DN 300	25	2.5	155	2793	235	323.9	-	-
BM-UN1FU-03-0040-015-0	DN 40	15	9	69	27	125	150	110	4 x 18
BM-UN1FU-03-0050-016-0	DN 50	16	8	77	46	130	165	125	4 x 18
BM-UN1FU-03-0065-016-0	DN 65	16	5	81	127	110	185	145	4 x 18
BM-UN1FU-03-0080-019-0	DN 80	19	6	76	76	130	200	160	8 x 18
BM-UN1FU-03-0100-018-0	DN 100	18	3	73	330	105	220	180	8 x 18
BM-UN1FU-03-0125-016-0	DN 125	16	2.5	148	966	115	250	210	8 x 18
BM-UN1FU-03-0150-023-0	DN 150	23	4	127	624	140	285	240	8 x 22
BM-UN1FU-03-0175-022-0	DN 175	22	3.5	139	907	145	315	270	8 x 22
BM-UN1FU-03-0200-025-0	DN 200	25	3.5	128	1054	125	320	280	8 x 18
BM-UN1FU-03-0250-024-0	DN 250	24	2.7	155	1970	125	375	335	12 x 18
BM-UN1FU-03-0300-025-0	DN 300	25	2.5	155	2793	125	440	395	12 x 22
BM-UN1BU-03-0040-015-0	DN 40	15	9	69	27	125	150	110	4 x 18
BM-UN1BU-03-0050-016-0	DN 50	16	8	77	46	130	165	125	4 x 18
BM-UN1BU-03-0065-016-0	DN 65	16	5	81	127	110	185	145	4 x 18
BM-UN1BU-03-0080-019-0	DN 80	19	6	76	76	130	200	160	8 x 18
BM-UN1BU-03-0100-018-0	DN 100	18	3	73	330	105	220	180	8 x 18
BM-UN1BU-03-0125-016-0	DN 125	16	2.5	148	966	115	250	210	8 x 18
BM-UN1BU-03-0150-023-0	DN 150	23	4	127	624	140	285	240	8 x 22
BM-UN1BU-03-0175-022-0	DN 175	22	3.5	139	907	145	315	270	8 x 22
BM-UN1BU-03-0200-025-0	DN 200	25	3.5	128	1054	125	320	280	8 x 18
BM-UN1BU-03-0250-024-0	DN 250	24	2.7	155	1970	125	375	335	12 x 18
BM-UN1BU-03-0300-025-0	DN 300	25	2.5	155	2793	125	440	395	12 x 22

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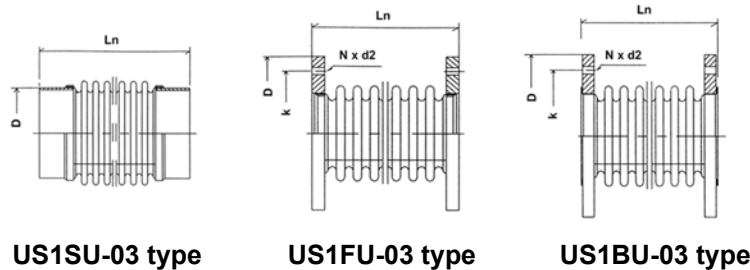
Steel compensators



US1 - PN 2.5

US1SU-03: Welding ends
US1FU-03: Fixed flanges according to DIN 86044
US1BU-03: Swivel flanges according to DIN 86044
Material: AISI 321
Flanges: Carbon steel
Welding ends: Carbon steel
Working temp.: Up to +550°C
Working press.: Up to 2.5 bar
 (apply the temperature correction factor for temperatures above +120°C)

Compensators designed for application in exhaust fumes systems to compensate axial and lateral movements.



US1SU-03 type

US1FU-03 type

US1BU-03 type

code	nominal diameter [mm]	movement [± mm]		elasticity [N/mm]		Ln	D	k	N x d2
		axial	lateral	axial	lateral				
BM-US1SU-03-0040-015-0	DN40	15	9	69	27	175	48.3	-	-
BM-US1SU-03-0050-016-0	DN50	16	8	77	46	175	60.3	-	-
BM-US1SU-03-0065-016-0	DN65	16	5	81	127	155	76.1	-	-
BM-US1SU-03-0080-019-0	DN80	19	6	76	76	170	88.9	-	-
BM-US1SU-03-0100-018-0	DN100	18	3	73	330	145	114.3	-	-
BM-US1SU-03-0125-016-0	DN125	16	2.5	148	966	150	139.7	-	-
BM-US1SU-03-0150-023-0	DN150	23	4	127	624	195	168.3	-	-
BM-US1SU-03-0175-022-0	DN175	22	3.5	139	907	195	193.7	-	-
BM-US1SU-03-0200-025-0	DN200	25	3.5	128	1054	195	219.1	-	-
BM-US1SU-03-0250-024-0	DN250	24	2.7	155	1970	195	273	-	-
BM-US1SU-03-0300-025-0	DN300	25	2.5	155	2793	235	323.9	-	-
BM-US1FU-03-0040-015-0	DN40	15	9	69	27	125	150	110	4 x 18
BM-US1FU-03-0050-016-0	DN50	16	8	77	46	130	165	125	4 x 18
BM-US1FU-03-0065-016-0	DN65	16	5	81	127	110	185	145	4 x 18
BM-US1FU-03-0080-019-0	DN80	19	6	76	76	130	200	160	8 x 18
BM-US1FU-03-0100-018-0	DN100	18	3	73	330	105	220	180	8 x 18
BM-US1FU-03-0125-016-0	DN125	16	2.5	148	966	115	250	210	8 x 18
BM-US1FU-03-0150-023-0	DN150	23	4	127	624	140	285	240	8 x 22
BM-US1FU-03-0175-022-0	DN175	22	3.5	139	907	145	315	270	8 x 22
BM-US1FU-03-0200-025-0	DN200	25	3.5	128	1054	125	320	280	8 x 18
BM-US1FU-03-0250-024-0	DN250	24	2.7	155	1970	125	375	335	12 x 18
BM-US1FU-03-0300-025-0	DN300	25	2.5	155	2793	125	440	395	12 x 22
BM-US1BU-03-0040-015-0	DN40	15	9	69	27	125	150	110	4 x 18
BM-US1BU-03-0050-016-0	DN50	16	8	77	46	130	165	125	4 x 18
BM-US1BU-03-0065-016-0	DN65	16	5	81	127	110	185	145	4 x 18
BM-US1BU-03-0080-019-0	DN80	19	6	76	76	130	200	160	8 x 18
BM-US1BU-03-0100-018-0	DN100	18	3	73	330	105	220	180	8 x 18
BM-US1BU-03-0125-016-0	DN125	16	2.5	148	966	115	250	210	8 x 18
BM-US1BU-03-0150-023-0	DN150	23	4	127	624	140	285	240	8 x 22
BM-US1BU-03-0175-022-0	DN175	22	3.5	139	907	145	315	270	8 x 22
BM-US1BU-03-0200-025-0	DN200	25	3.5	128	1054	125	320	280	8 x 18
BM-US1BU-03-0250-024-0	DN250	24	2.7	155	1970	125	375	335	12 x 18
BM-US1BU-03-0300-025-0	DN300	25	2.5	155	2793	125	440	395	12 x 22

INDUSTRIAL HOSES - compensators

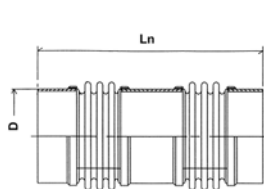
Steel compensators



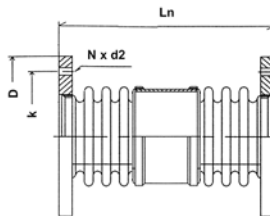
US2 - PN 2.5

US2SU-03: Welding ends
US2FU-03: Fixed flanges according to DIN 86044
US2BU-03: Swivel flanges according to DIN 86044
Material: AISI 321
Flanges: Carbon steel
Welding ends: Carbon steel
Working temp.: Up to +550°C
Working press.: Up to 2.5 bar
 (apply the temperature correction factor for temperatures above +120°C)

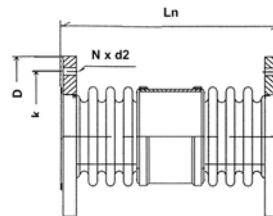
Compensators designed for application in exhaust fumes systems to compensate axial and lateral movements.



US2SU-03 type



US2FU-03 type



US2BU-03 type

code	nominal diameter [mm]	movement [± mm]		elasticity [N/mm]		Ln	D	k	N x d2
		axial	lateral	axial	lateral				
BM-US2SU-03-0040-041-0	DN40	43	105	24	1	480	48.3	-	-
BM-US2SU-03-0050-038-0	DN50	46	105	27	1	480	60.3	-	-
BM-US2SU-03-0065-044-0	DN65	58	110	22	1	475	76.1	-	-
BM-US2SU-03-0080-048-0	DN80	59	105	25	1	485	88.9	-	-
BM-US2SU-03-0100-050-0	DN100	66	95	20	2	435	114.3	-	-
BM-US2SU-03-0125-055-0	DN125	70	95	34	5	490	139.7	-	-
BM-US2SU-03-0150-075-0	DN150	80	100	35	6	545	168.3	-	-
BM-US2SU-03-0175-075-0	DN175	80	95	39	9	545	193.7	-	-
BM-US2SU-03-0200-075-0	DN200	88	90	36	11	545	219.1	-	-
BM-US2SU-03-0250-075-0	DN250	84	75	43	20	545	273	-	-
BM-US2SU-03-0300-090-0	DN300	90	70	43	28	585	323.9	-	-
BM-US2FU-03-0040-043-0	DN40	43	105	24	1	430	150	110	4 x 18
BM-US2FU-03-0050-046-0	DN50	46	105	27	1	435	165	125	4 x 18
BM-US2FU-03-0065-058-0	DN65	58	110	22	1	430	185	145	4 x 18
BM-US2FU-03-0080-059-0	DN80	59	105	25	1	445	200	160	8 x 18
BM-US2FU-03-0100-066-0	DN100	66	95	20	2	395	220	180	8 x 18
BM-US2FU-03-0125-070-0	DN125	70	95	34	5	455	250	210	8 x 18
BM-US2FU-03-0150-080-0	DN150	80	100	35	6	490	285	240	8 x 22
BM-US2FU-03-0200-088-0	DN200	88	90	36	11	475	320	280	8 x 18
BM-US2FU-03-0250-084-0	DN250	84	75	43	20	475	375	335	12 x 18
BM-US2FU-03-0300-090-0	DN300	90	70	43	28	475	440	395	12 x 22
BM-US2BU-03-0040-043-0	DN40	43	105	24	1	430	150	110	4 x 18
BM-US2BU-03-0050-046-0	DN50	46	105	27	1	435	165	125	4 x 18
BM-US2BU-03-0065-058-0	DN65	58	110	22	1	430	185	145	4 x 18
BM-US2BU-03-0080-059-0	DN80	59	105	25	1	445	200	160	8 x 18
BM-US2BU-03-0100-066-0	DN100	66	95	20	2	395	220	180	8 x 18
BM-US2BU-03-0125-070-0	DN125	70	95	34	5	455	250	210	8 x 18
BM-US2BU-03-0150-080-0	DN150	80	100	35	6	490	285	240	8 x 22
BM-US2BU-03-0200-088-0	DN200	88	90	36	11	475	320	280	8 x 18
BM-US2BU-03-0250-084-0	DN250	84	75	43	20	475	375	335	12 x 18
BM-US2BU-03-0300-090-0	DN300	90	70	43	28	475	440	395	12 x 22

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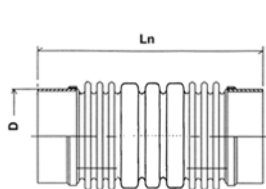
Steel compensators



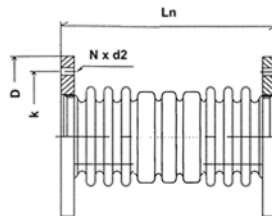
US3 - PN 2.5

US3SU-03: Welding ends
US3FU-03: Fixed flanges according to DIN 86044
US3BU-03: Swivel flanges according to DIN 86044
Material: AISI 321
Flanges: Carbon steel
Welding ends: Carbon steel
Working temp.: Up to +550°C
Working press.: Up to 2.5 bar
 (apply the temperature correction factor for temperatures above +120°C)

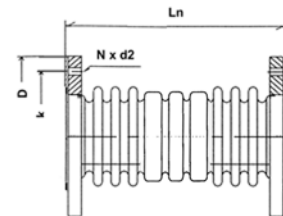
Compensators designed for application in exhaust fumes systems to compensate axial and lateral movements.



US3SU-03 type



US3FU-03 type



US3BU-03 type

code	nominal diameter [mm]	movement [± mm]		elasticity N/mm		Ln	D	k	N x d2
		axial	lateral	axial	lateral				
BM-US3SU-03-0040-030-0	DN40	30	73	49	2	375	48.3	-	-
BM-US3SU-03-0050-032-0	DN50	32	65	55	3	375	60.3	-	-
BM-US3SU-03-0065-040-0	DN65	54	54	57	5	345	76.1	-	-
BM-US3SU-03-0080-038-0	DN80	38	63	54	5	380	88.1	-	-
BM-US3SU-03-0100-036-0	DN100	36	46	52	11	330	114.3	-	-
BM-US3SU-03-0125-032-0	DN125	32	33	106	39	320	139.7	-	-
BM-US3SU-03-0150-045-0	DN150	45	46	90	33	395	168.3	-	-
BM-US3SU-03-0175-044-0	DN175	44	40	100	48	395	193.7	-	-
BM-US3SU-03-0200-049-0	DN200	49	42	91	52	405	219.1	-	-
BM-US3SU-03-0250-047-0	DN250	47	33	111	97	405	273	-	-
BM-US3SU-03-0300-050-0	DN300	50	26	110	182	415	323.9	-	-
BM-US3FU-03-0040-030-0	DN40	30	73	49	2	325	150	110	4 x 18
BM-US3FU-03-0050-031-0	DN50	32	65	55	3	330	165	125	4 x 18
BM-US3FU-03-0065-054-0	DN65	54	54	57	5	300	185	145	4 x 18
BM-US3FU-03-0080-038-0	DN80	38	63	54	5	340	200	160	8 x 18
BM-US3FU-03-0100-036-0	DN100	36	46	52	11	290	220	180	8 x 18
BM-US3FU-03-0125-032-0	DN125	32	33	106	39	285	250	210	8 x 18
BM-US3FU-03-0150-045-0	DN150	45	46	90	33	340	285	240	8 x 22
BM-US3FU-03-0200-049-0	DN200	49	42	91	52	335	320	280	8 x 18
BM-US3FU-03-0250-047-0	DN250	47	33	111	97	335	375	335	12 x 18
BM-US3FU-03-0300-050-0	DN300	50	26	110	182	310	440	395	12 x 22
BM-US3BU-03-0040-030-0	DN40	30	73	49	2	275	150	110	4 x 18
BM-US3BU-03-0050-032-0	DN50	32	65	55	3	275	165	125	4 x 18
BM-US3BU-03-0065-054-0	DN65	54	54	57	5	275	185	145	4 x 18
BM-US3BU-03-0080-038-0	DN80	38	63	54	5	340	200	160	8 x 18
BM-US3BU-03-0100-036-0	DN100	36	46	52	11	290	220	180	8 x 18
BM-US3BU-03-0125-032-0	DN125	32	33	106	39	285	250	210	8 x 18
BM-US3BU-03-0150-045-0	DN150	45	46	90	33	340	285	240	8 x 22
BM-US3BU-03-0200-049-0	DN200	49	42	91	52	335	320	280	8 x 18
BM-US3BU-03-0250-047-0	DN250	47	33	111	97	335	375	335	12 x 18
BM-US3BU-03-0300-050-0	DN300	50	26	110	182	310	440	395	12 x 22

INDUSTRIAL HOSES - compensators

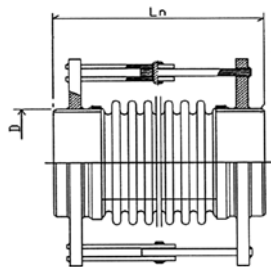
Steel compensators



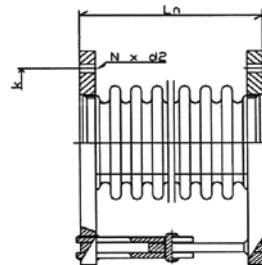
AN1 H - PN 10

AN1SH-10: Welding ends
AN1FH-10: Fixed flanges
Material: AISI 321
Flanges: Carbon steel
Welding ends: Carbon steel
Working temp.: Up to +550°C
Working press.: Up to 10 bar
 (apply the temperature correction factor for temperatures above +120°C)

Compensators designed for application in pipelines to compensate angular movements.



AN1SH-10 type



AN1FH-10 type

code	nominal diameter [mm]	angular movement [± deg]	angular elasticity [Nmm/deg]	Ln	D	k	N x d2
BM-AN1SH-10-0040-015-0	DN40	15	1040	300	48.3	-	-
BM-AN1SH-10-0050-015-0	DN50	15	1780	300	60.3	-	-
BM-AN1SH-10-0065-015-0	DN65	15	2347	295	76.1	-	-
BM-AN1SH-10-0080-015-0	DN80	15	4705	320	88.9	-	-
BM-AN1SH-10-0100-015-0	DN100	15	7385	315	114.3	-	-
BM-AN1SH-10-0125-015-0	DN125	15	10537	315	139.7	-	-
BM-AN1SH-10-0150-015-0	DN150	15	17676	315	168.3	-	-
BM-AN1SH-10-0175-014-0	DN175	14	25723	315	193.7	-	-
BM-AN1SH-10-0200-014-0	DN200	14	30330	315	219.1	-	-
BM-AN1SH-10-0250-010-0	DN250	10	56715	335	273	-	-
BM-AN1SH-10-0300-009-0	DN300	9	119553	340	323.9	-	-
BM-AN1FH-10-0040-015-0	DN40	15	1040	95	-	110	4 x 18
BM-AN1FH-10-0050-015-0	DN50	15	1780	95	-	125	4 x 18
BM-AN1FH-10-0065-015-0	DN65	15	2347	90	-	145	4 x 18
BM-AN1FH-10-0080-015-0	DN80	15	4705	115	-	160	8 x 18
BM-AN1FH-10-0100-015-0	DN100	15	7385	110	-	180	8 x 18
BM-AN1FH-10-0125-015-0	DN125	15	10537	115	-	210	8 x 18
BM-AN1FH-10-0150-015-0	DN150	15	17676	120	-	240	8 x 22
BM-AN1FH-10-0175-014-0	DN175	14	25723	120	-	270	8 x 22
BM-AN1FH-10-0200-014-0	DN200	14	30330	130	-	295	8 x 22
BM-AN1FH-10-0250-010-0	DN250	10	56715	130	-	350	12 x 22
BM-AN1FH-10-0300-009-0	DN300	9	119553	145	-	400	12 x 22

INDUSTRIAL HOSES - compensators

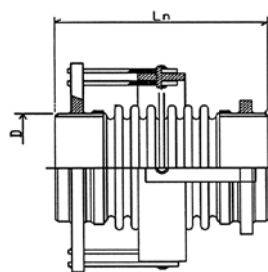
Steel compensators



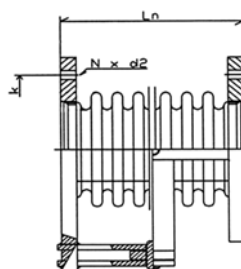
AN1 K - PN 10

AN1SK-10: Welding ends
AN1FK-10: Fixed flanges
Material: AISI 321
Flanges: Carbon steel
Welding ends: Carbon steel
Working temp.: Up to +550°C
Working press.: Up to 10 bar
 (apply the temperature correction factor for temperatures above +120°C)

Compensators designed for application in pipelines to compensate angular movements.



AN1SK-10 type



AN1FK-10 type

code	nominal diameter [mm]	angular movement [± deg]	angular elasticity [Nmm/deg]	Ln	D	k	N x d2
BM-AN1SK-10-0040-015-0	DN40	15	1040	300	48.3	-	-
BM-AN1SK-10-0050-015-0	DN50	15	1780	300	60.3	-	-
BM-AN1SK-10-0065-015-0	DN65	15	2347	295	76.1	-	-
BM-AN1SK-10-0080-015-0	DN80	15	4705	320	88.9	-	-
BM-AN1SK-10-0100-015-0	DN100	15	7385	315	114.3	-	-
BM-AN1SK-10-0125-015-0	DN125	15	10537	310	139.7	-	-
BM-AN1SK-10-0150-015-0	DN150	15	17676	315	168.3	-	-
BM-AN1SK-10-0175-014-0	DN175	14	25723	315	193.7	-	-
BM-AN1SK-10-0200-014-0	DN200	14	30330	315	219.1	-	-
BM-AN1SK-10-0250-010-0	DN250	10	56715	335	273	-	-
BM-AN1SK-10-0300-009-0	DN300	9	119553	340	323.9	-	-
BM-AN1FK-10-0040-015-0	DN40	15	1040	95	-	110	4 x 18
BM-AN1FK-10-0050-015-0	DN50	15	1780	95	-	125	4 x 18
BM-AN1FK-10-0065-015-0	DN65	15	2347	90	-	145	4 x 18
BM-AN1FK-10-0080-015-0	DN80	15	4705	115	-	160	8 x 18
BM-AN1FK-10-0100-015-0	DN100	15	7385	110	-	180	8 x 18
BM-AN1FK-10-0125-015-0	DN125	15	10537	115	-	210	8 x 18
BM-AN1FK-10-0150-015-0	DN150	15	17676	120	-	240	8 x 22
BM-AN1FK-10-0175-014-0	DN175	14	25723	120	-	270	8 x 22
BM-AN1FK-10-0200-014-0	DN200	14	30330	130	-	295	8 x 22
BM-AN1FK-10-0250-010-0	DN250	10	56715	130	-	350	12 x 22
BM-AN1FK-10-0300-009-0	DN300	9	119553	145	-	400	12 x 22

INDUSTRIAL HOSES - compensators

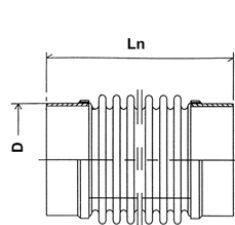
Steel compensators



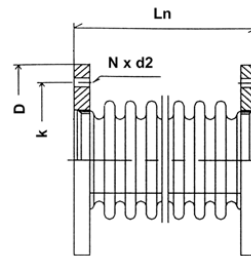
AX1 - PN 10

AX1SU-10: Welding ends
AX1FU-10: Fixed flanges according to DIN 2576
Material: AISI 321
Flanges: Carbon steel
Welding ends: Carbon steel
Working temp.: Up to +550°C
Working press.: Up to 10 bar
 (apply the temperature correction factor for temperatures above +120°C)

Axial compensators designed for application in pipelines to compensate axial and lateral movements.



AX1SU-10 type



AX1FU-10 type

code	nominal diameter [mm]	movement [± mm]		elasticity [N/mm]		Ln	D	k	N x d2
		axial	lateral	axial	lateral				
BM-AX1SU-10-0040-013-0	DN 40	13	7	135	83	160	48.3	-	-
BM-AX1SU-10-0050-014-0	DN 50	14	6	150	141	160	60.3	-	-
BM-AX1SU-10-0065-018-0	DN 65	18	6	123	193	160	76.1	-	-
BM-AX1SU-10-0080-022-0	DN 80	22	8	183	237	180	88.9	-	-
BM-AX1SU-10-0100-022-0	DN 100	22	6	169	407	175	114.3	-	-
BM-AX1SU-10-0125-025-0	DN 125	25	5	161	595	170	139.7	-	-
BM-AX1SU-10-0150-025-0	DN 150	25	4	193	974	195	168.3	-	-
BM-AX1SU-10-0175-025-0	DN 175	25	4	212	1418	195	193.7	-	-
BM-AX1SU-10-0200-027-0	DN 200	27	3	195	1703	195	219.1	-	-
BM-AX1SU-10-0250-026-0	DN 250	26	3	236	3184	195	273	-	-
BM-AX1SU-10-0300-028-0	DN 300	28	2	351	5941	240	323.9	-	-
BM-AX1FU-10-0040-013-0	DN 40	13	7	135	83	110	150	110	4 x 18
BM-AX1FU-10-0050-014-0	DN 50	14	6	150	141	115	165	125	4 x 18
BM-AX1FU-10-0065-018-0	DN 65	18	6	123	193	115	185	145	4 x 18
BM-AX1FU-10-0080-022-0	DN 80	22	8	183	237	140	200	160	8 x 18
BM-AX1FU-10-0100-022-0	DN 100	22	6	169	407	135	220	180	8 x 18
BM-AX1FU-10-0125-025-0	DN 125	25	5	161	595	135	250	210	8 x 18
BM-AX1FU-10-0150-025-0	DN 150	25	4	193	974	140	285	240	8 x 22
BM-AX1FU-10-0175-025-0	DN 175	25	4	212	1418	145	315	270	8 x 22
BM-AX1FU-10-0200-027-0	DN 200	27	3	195	1703	145	340	295	8 x 22
BM-AX1FU-10-0250-026-0	DN 250	26	3	236	3184	145	395	350	12 x 22
BM-AX1FU-10-0300-028-0	DN 300	28	2	351	5941	150	445	400	12 x 22

INDUSTRIAL HOSES - compensators

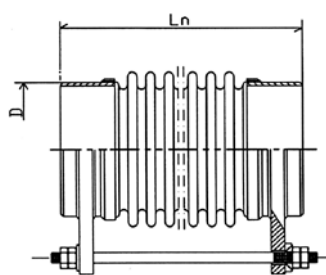
Steel compensators



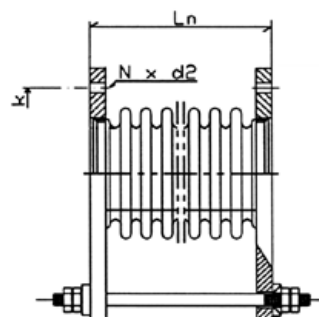
LA1 - PN 10

LA1ST-10: Welding ends
LA1FT-10: Fixed flanges
Material: AISI 321
Flanges: Carbon steel
Welding ends: Carbon steel
Working temp.: Up to +550°C
Working press.: Up to 10 bar
 (apply the temperature correction factor for temperatures above +120°C)

Compensators designed for application in pipelines to compensate lateral movements.



LA1ST-10 type



LA1FT-10 type

code	nominal diameter [mm]	lateral movement [± mm]	elasticity [N/mm]		Ln	D	k	N x d2
			axial	lateral				
BM-LA1ST-10-0040-030-0	DN40	30	63	10	445	48.3	-	-
BM-LA1ST-10-0050-025-0	DN50	25	70	17	445	60.3	-	-
BM-LA1ST-10-0065-025-0	DN65	25	57	22	440	76.1	-	-
BM-LA1ST-10-0080-033-0	DN80	33	85	28	485	88.9	-	-
BM-LA1ST-10-0100-025-0	DN100	25	79	48	475	114.3	-	-
BM-LA1ST-10-0125-022-0	DN125	22	75	71	475	139.7	-	-
BM-LA1ST-10-0150-020-0	DN150	20	88	112	475	168.3	-	-
BM-LA1ST-10-0175-017-0	DN175	17	97	163	475	193.7	-	-
BM-LA1ST-10-0200-016-0	DN200	16	88	197	525	219.1	-	-
BM-LA1ST-10-0250-017-0	DN250	17	91	229	555	273.3	-	-
BM-LA1ST-10-0300-022-0	DN300	22	117	283	600	323.9	-	-
BM-LA1FT-10-0040-030-0	DN40	30	63	10	185	150	110	4 x 18
BM-LA1FT-10-0050-025-0	DN50	25	70	17	190	165	125	4 x 18
BM-LA1FT-10-0065-025-0	DN65	25	57	22	190	185	145	4 x 18
BM-LA1FT-10-0080-033-0	DN80	33	85	28	235	200	160	8 x 18
BM-LA1FT-10-0100-025-0	DN100	25	79	48	225	220	180	8 x 18
BM-LA1FT-10-0125-022-0	DN125	22	75	71	225	250	210	8 x 18
BM-LA1FT-10-0150-020-0	DN150	20	88	112	230	285	240	8 x 22
BM-LA1FT-10-0175-017-0	DN175	17	97	163	235	315	270	8 x 22
BM-LA1FT-10-0200-016-0	DN200	16	88	197	230	340	295	8 x 22
BM-LA1FT-10-0250-017-0	DN250	17	91	229	265	395	350	12 x 22
BM-LA1FT-10-0300-022-0	DN300	22	117	283	310	445	400	12 x 22

INDUSTRIAL HOSES - compensators

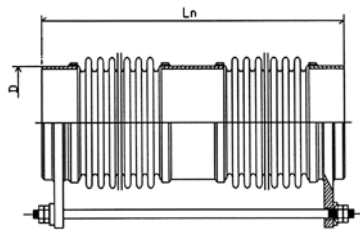
Steel compensators



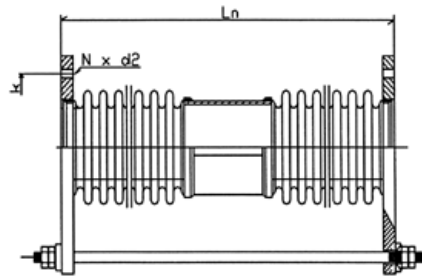
LA2 - PN 10

LA2ST-10: Welding ends
LA2FT-10: Fixed flanges
Material: AISI 321
Flanges: Carbon steel
Welding ends: Carbon steel
Working temp.: Up to +550°C
Working press.: Up to 10 bar
 (apply the temperature correction factor for temperatures above +120°C)

Compensators designed for application in pipelines to compensate lateral movements.



LA2ST-10 type



LA2FT-10 type

code	nominal diameter [mm]	lateral movement [± mm]	elasticity [N/mm]		Ln	D	k	N x d2
			axial	lateral				
BM-LA2ST-10-0040-075-0	DN40	75	68	1	620	48.3	-	-
BM-LA2ST-10-0050-075-0	DN50	75	75	2	630	60.3	-	-
BM-LA2ST-10-0065-075-0	DN65	75	61	3	615	76.1	-	-
BM-LA2ST-10-0080-075-0	DN80	75	92	7	615	88.9	-	-
BM-LA2ST-10-0100-075-0	DN100	75	85	8	645	114.3	-	-
BM-LA2ST-10-0125-075-0	DN125	75	81	11	660	139.7	-	-
BM-LA2ST-10-0150-075-0	DN150	75	96	14	700	168.3	-	-
BM-LA2ST-10-0175-075-0	DN175	75	106	16	745	193.7	-	-
BM-LA2ST-10-0200-075-0	DN200	75	97	18	805	219.1	-	-
BM-LA2ST-10-0250-055-0	DN250	55	118	41	765	273.3	-	-
BM-LA2ST-10-0300-055-0	DN300	55	176	82	780	323.9	-	-
BM-LA2FT-10-0040-075-0	DN40	75	97	2	360	150	110	4 x 18
BM-LA2FT-10-0050-075-0	DN50	75	107	3	375	165	125	4 x 18
BM-LA2FT-10-0065-075-0	DN65	75	87	4	360	185	145	4 x 18
BM-LA2FT-10-0080-075-0	DN80	75	131	10	365	200	160	8 x 18
BM-LA2FT-10-0100-075-0	DN100	75	121	12	395	220	180	8 x 18
BM-LA2FT-10-0125-075-0	DN125	75	115	16	415	250	210	8 x 18
BM-LA2FT-10-0150-075-0	DN150	75	137	20	455	285	240	8 x 22
BM-LA2FT-10-0175-075-0	DN175	75	152	23	505	315	270	8 x 22
BM-LA2FT-10-0200-075-0	DN200	75	139	25	515	340	295	8 x 22
BM-LA2FT-10-0250-055-0	DN250	55	169	59	475	395	350	12 x 22
BM-LA2FT-10-0300-055-0	DN300	55	251	117	490	445	400	12 x 22

INDUSTRIAL HOSES - compensators

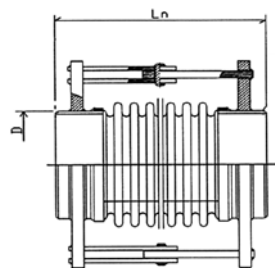
Steel compensators



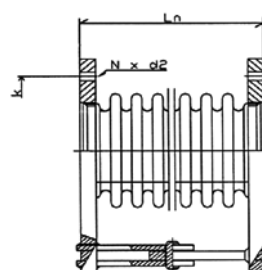
AN1 H - PN 16

AN1SH-16: Welding ends
AN1FH-16: Fixed flanges
Material: AISI 321
Flanges: Carbon steel
Welding ends: Carbon steel
Working temp.: Up to +550°C
Working press.: Up to 16 bar
 (apply the temperature correction factor for temperatures above +120°C)

Compensators designed for application in pipelines to compensate angular movements.



AN1SH-16 type



AN1FH-16 type

code	nominal diameter [mm]	angular movement [± deg]	angular elasticity [Nmm/deg]	Ln	D	k	N x d2
BM-AN1SH-16-0040-015-0	DN40	15	2112	300	48.3	-	-
BM-AN1SH-16-0050-015-0	DN50	15	3682	300	60.3	-	-
BM-AN1SH-16-0065-015-0	DN65	15	5012	300	76.1	-	-
BM-AN1SH-16-0080-015-0	DN80	15	6078	315	88.9	-	-
BM-AN1SH-16-0100-015-0	DN100	15	10339	290	114.3	-	-
BM-AN1SH-16-0125-015-0	DN125	15	22540	295	139.7	-	-
BM-AN1SH-16-0150-015-0	DN150	15	27634	320	168.3	-	-
BM-AN1SH-16-0175-014-0	DN175	14	39846	340	193.7	-	-
BM-AN1SH-16-0200-014-0	DN200	14	63942	345	219.1	-	-
BM-AN1SH-16-0250-011-0	DN250	11	114879	345	273	-	-
BM-AN1SH-16-0300-010-0	DN300	10	159735	345	323.9	-	-
BM-AN1FH-16-0040-015-0	DN40	15	2112	95	-	110	4 x 18
BM-AN1FH-16-0050-015-0	DN50	15	3682	95	-	125	4 x 18
BM-AN1FH-16-0065-015-0	DN65	15	5012	95	-	145	4 x 18
BM-AN1FH-16-0080-015-0	DN80	15	6078	110	-	160	8 x 18
BM-AN1FH-16-0100-015-0	DN100	15	10339	95	-	180	8 x 18
BM-AN1FH-16-0125-015-0	DN125	15	22540	100	-	210	8 x 18
BM-AN1FH-16-0150-015-0	DN150	15	27634	135	-	240	8 x 22
BM-AN1FH-16-0175-014-0	DN175	14	39846	135	-	270	8 x 22
BM-AN1FH-16-0200-014-0	DN200	14	63942	140	-	295	12 x 22
BM-AN1FH-16-0250-011-0	DN250	11	114879	150	-	355	12 x 26
BM-AN1FH-16-0300-010-0	DN300	10	159735	160	-	410	12 x 26

INDUSTRIAL HOSES - compensators

Steel compensators



AN1 K - PN 16

AN1SK-16: Welding ends

AN1FK-16: Fixed flanges

Material: AISI 321

Flanges: Carbon steel

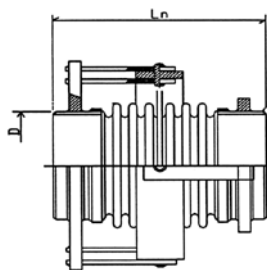
Welding ends: Carbon steel

Working temp.: Up to +550°C

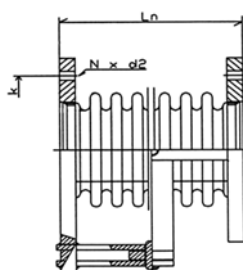
Working press.: Up to 16 bar

(apply the temperature correction factor for temperatures above +120°C)

Compensators designed for application in pipelines to compensate angular movements.



AN1SK-16 type



AN1FK-16 type

code	nominal diameter [mm]	angular movement [± deg]	angular elasticity [Nmm/deg]	Ln	D	k	N x d2
BM-AN1SK-16-0040-015-0	DN40	15	2112	300	48.3	-	-
BM-AN1SK-16-0050-015-0	DN50	15	3682	300	60.3	-	-
BM-AN1SK-16-0065-015-0	DN65	15	5012	300	76.1	-	-
BM-AN1SK-16-0080-015-0	DN80	15	6078	315	88.9	-	-
BM-AN1SK-16-0100-015-0	DN100	15	10339	290	114.3	-	-
BM-AN1SK-16-0125-015-0	DN125	15	22540	295	139.7	-	-
BM-AN1SK-16-0150-015-0	DN150	15	27634	320	168.3	-	-
BM-AN1SK-16-0175-014-0	DN175	14	39846	340	193.7	-	-
BM-AN1SK-16-0200-014-0	DN200	14	63960	345	219.1	-	-
BM-AN1SK-16-0250-011-0	DN250	11	114879	345	273	-	-
BM-AN1SK-16-0300-010-0	DN300	10	159735	345	323.9	-	-
BM-AN1FK-16-0040-015-0	DN40	15	2112	95	-	110	4 x 18
BM-AN1FK-16-0050-015-0	DN50	15	3682	95	-	125	4 x 18
BM-AN1FK-16-0065-015-0	DN65	15	5012	95	-	145	4 x 18
BM-AN1FK-16-0080-015-0	DN80	15	6078	110	-	160	8 x 18
BM-AN1FK-16-0100-015-0	DN100	15	10339	95	-	180	8 x 18
BM-AN1FK-16-0125-015-0	DN125	15	22540	100	-	210	8 x 18
BM-AN1FK-16-0150-015-0	DN150	15	27634	135	-	240	8 x 22
BM-AN1FK-16-0175-014-0	DN175	14	39846	135	-	270	8 x 22
BM-AN1FK-16-0200-014-0	DN200	14	63942	140	-	295	12 x 22
BM-AN1FK-16-0250-011-0	DN250	11	114879	150	-	355	12 x 26
BM-AN1FK-16-0300-010-0	DN300	10	159735	160	-	410	12 x 26

INDUSTRIAL HOSES - compensators

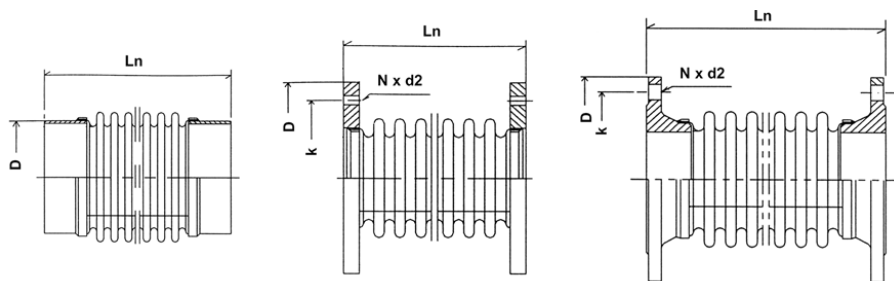
Steel compensators



AX1 - PN 16

AX1SU-16: Welding ends
AX1FU-16: Flanges according to DIN 2576
AX1HU-16: Flanges according to DIN 2633
Material: AISI 321
Flanges: Carbon steel
Welding ends: Carbon steel
Working temp.: Up to +550°C
Working press.: Up to 16 bar
 (apply the temperature correction factor for temperatures above +120°C)

Axial compensators designed for application in pipelines to compensate axial and lateral movements.



AX1SU-16 type

AX1FU-16 type

AX1HU-16 type

code	nominal diameter [mm]	movement [± mm]		elasticity [N/mm]		Ln	D	k	N x d2
		axial	lateral	axial	lateral				
BM-AX1SU-16-0040-011-0	DN 40	11	6	270	154	160	48.3	-	-
BM-AX1SU-16-0050-012-0	DN 50	12	5	307	269	160	60.3	-	-
BM-AX1SU-16-0065-013-0	DN 65	13	5	258	377	160	76.1	-	-
BM-AX1SU-16-0080-017-0	DN 80	17	6	237	318	175	88.9	-	-
BM-AX1SU-16-0100-015-0	DN 100	15	3	237	1004	150	114.3	-	-
BM-AX1SU-16-0125-018-0	DN 125	18	3	341	1945	155	139.7	-	-
BM-AX1SU-16-0150-025-0	DN 150	25	5	298	1368	200	168.3	-	-
BM-AX1SU-16-0175-025-0	DN-175	25	4	326	2057	200	193.7	-	-
BM-AX1SU-16-0200-028-0	DN 200	28	4	404	2907	205	219.1	-	-
BM-AX1SU-16-0250-028-0	DN 250	28	3	473	5223	205	273	-	-
BM-AX1SU-16-0300-029-0	DN 300	29	3	467	7177	245	323.9	-	-
BM-AX1FU-16-0040-011-0	DN 40	11	6	270	154	110	150	110	4 x 18
BM-AX1FU-16-0050-012-0	DN 50	12	5	307	269	115	165	125	4 x 18
BM-AX1FU-16-0065-013-0	DN 65	13	5	258	377	115	185	145	4 x 18
BM-AX1FU-16-0080-017-0	DN 80	17	6	237	318	135	200	160	8 x 18
BM-AX1FU-16-0100-015-0	DN 100	15	3	237	1004	110	220	180	8 x 18
BM-AX1FU-16-0125-018-0	DN 125	18	3	341	1945	120	250	210	8 x 18
BM-AX1FU-16-0150-025-0	DN 150	25	5	298	1368	145	285	240	8 x 22
BM-AX1FU-16-0175-025-0	DN-175	25	4	326	2057	145	315	270	8 x 22
BM-AX1HU-16-0200-028-0	DN 200	28	4	404	2907	150	340	295	12 x 22
BM-AX1HU-16-0250-028-0	DN 250	28	3	473	5223	245	405	355	12 x 26
BM-AX1HU-16-0300-029-0	DN 300	29	3	467	7177	260	460	410	12 x 26

INDUSTRIAL HOSES - compensators

Steel compensators



LA1 - PN 16

LA1ST-16: Welding ends

LA1FT-16: Fixed flanges

Material: AISI 321

Flanges: Carbon steel

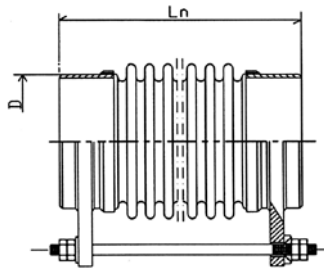
Welding ends: Carbon steel

Working temp.: Up to +550°C

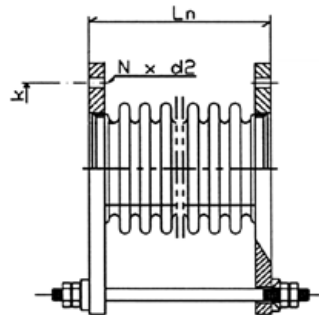
Working press.: Up to 16 bar

(apply the temperature correction factor for temperatures above +120°C)

Compensators designed for application in pipelines to compensate lateral movements.



LA1ST-16 type



LA1FT-16 type

code	nominal diameter [mm]	lateral movement [± mm]	elasticity [N/mm]		Ln	D	k	N x d2
			axial	lateral				
BM-LA1ST-16-0040-026-0	DN40	26	126	18	450	48.3	-	-
BM-LA1ST-16-0050-025-0	DN50	25	143	32	450	60.3	-	-
BM-LA1ST-16-0065-020-0	DN65	20	120	44	450	76.1	-	-
BM-LA1ST-16-0080-026-0	DN80	26	111	37	480	88.9	-	-
BM-LA1ST-16-0100-018-0	DN100	18	91	72	455	114.3	-	-
BM-LA1ST-16-0125-025-0	DN125	25	113	93	485	139.7	-	-
BM-LA1ST-16-0150-021-0	DN150	21	136	158	485	168.3	-	-
BM-LA1ST-16-0175-018-0	DN175	18	148	227	485	193.7	-	-
BM-LA1ST-16-0200-018-0	DN200	18	183	335	495	219.1	-	-
BM-LA1ST-16-0250-020-0	DN250	20	181	375	580	273	-	-
BM-LA1ST-16-0300-024-0	DN300	24	155	341	615	323.9	-	-
BM-LA1FT-16-0040-026-0	DN40	26	126	18	195	150	110	4 x 18
BM-LA1FT-16-0050-025-0	DN50	25	143	32	200	165	125	4 x 18
BM-LA1FT-16-0065-020-0	DN65	20	120	44	195	185	145	4 x 18
BM-LA1FT-16-0080-026-0	DN80	26	111	37	230	200	160	8 x 18
BM-LA1FT-16-0100-018-0	DN100	18	91	72	205	220	180	8 x 18
BM-LA1FT-16-0125-025-0	DN125	25	113	93	240	250	210	8 x 18
BM-LA1FT-16-0150-021-0	DN150	21	136	158	240	285	240	8 x 22
BM-LA1FT-16-0175-018-0	DN175	18	148	227	245	315	270	8 x 22
BM-LA1FT-16-0200-018-0	DN200	18	183	335	330	340	295	12 x 22
BM-LA1FT-16-0250-020-0	DN250	20	181	375	380	405	355	12 x 26
BM-LA1FT-16-0300-024-0	DN300	24	155	341	430	460	410	12 x 26

INDUSTRIAL HOSES - compensators

Steel compensators



LA2 - PN 16

LA2ST-16: Welding ends

LA2FT-16: Fixed flanges

Material: AISI 321

Flanges: Carbon steel

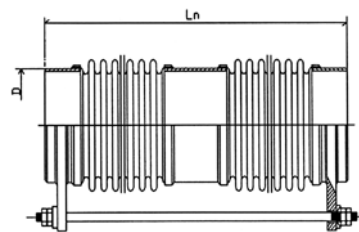
Welding ends: Carbon steel

Working temp.: Up to +550°C

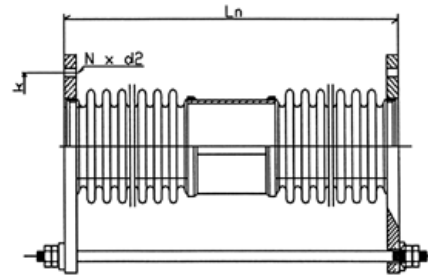
Working press.: Up to 16 bar

(apply the temperature correction factor for temperatures above +120°C)

Compensators designed for application in pipelines to compensate lateral movements.



LA2ST-16 type



LA2FT-16 type

code	nominal diameter [mm]	lateral movement [± mm]	elasticity [N/mm]		Ln	D	k	N x d2
			axial	lateral				
BM-LA2ST-16-0040-075-0	DN40	75	135	2	670	48.3	-	-
BM-LA2ST-16-0050-075-0	DN50	75	153	3	690	60.3	-	-
BM-LA2ST-16-0065-075-0	DN65	75	130	4	695	76.1	-	-
BM-LA2ST-16-0080-075-0	DN80	75	118	6	670	88.9	-	-
BM-LA2ST-16-0100-075-0	DN100	75	119	6	740	114.3	-	-
BM-LA2ST-16-0125-075-0	DN125	75	171	13	740	139.7	-	-
BM-LA2ST-16-0150-075-0	DN150	75	149	22	705	168.3	-	-
BM-LA2ST-16-0175-075-0	DN175	75	163	25	745	193.7	-	-
BM-LA2ST-16-0200-075-0	DN200	75	202	42	745	219.1	-	-
BM-LA2ST-16-0250-055-0	DN250	55	236	102	745	273	-	-
BM-LA2ST-16-0300-055-0	DN300	55	233	113	780	323.9	-	-
BM-LA2FT-16-0040-075-0	DN40	75	193	3	410	150	110	4 x 18
BM-LA2FT-16-0050-075-0	DN50	75	219	4	435	165	125	4 x 18
BM-LA2FT-16-0065-075-0	DN65	75	185	5	440	185	145	4 x 18
BM-LA2FT-16-0080-075-0	DN80	75	169	9	420	200	160	8 x 18
BM-LA2FT-16-0100-075-0	DN100	75	170	8	490	220	180	8 x 18
BM-LA2FT-16-0125-075-0	DN125	75	244	18	495	250	210	8 x 18
BM-LA2FT-16-0150-075-0	DN150	75	213	32	460	285	240	8 x 22
BM-LA2FT-16-0175-075-0	DN175	75	233	36	505	315	270	8 x 22
BM-LA2FT-16-0200-075-0	DN200	75	289	60	580	340	295	12 x 22
BM-LA2FT-16-0250-055-0	DN250	55	337	145	545	405	355	12 x 26
BM-LA2FT-16-0300-055-0	DN300	55	333	162	595	460	410	12 x 26