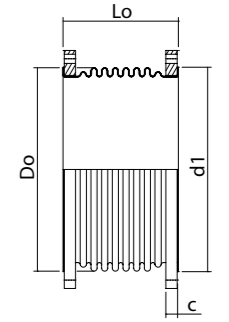


AXIAL EXPANSION JOINTS WITH LOOSE FLANGES

AX1BU / ID no. 41

PN 2,5 - with flange drilling according to EN 1092-1

WebLink: 13102



DN Nominal diameter	MOVEMENT			LENGTH Built-in length Lo mm	ID no.	FLANGE		BELLOW		ADJUSTING FORCES			WEIGHT kg	DN Nominal diameter	MOVEMENT			LENGTH Built-in length Lo mm	ID no.	FLANGE		BELLOW		ADJUSTING FORCES			WEIGHT kg
	AX 2δN mm	LA 2λN mm	AN 2αN deg.			Thickness c mm	OFD * d1 mm	Outside diameter Do mm	Eff. cross-section A cm²	AX Cδ N/mm	LA Cλ N/mm	AN Cα Nm/deg.			AX 2δN mm	LA 2λN mm	AN 2αN deg.			Thickness c mm	OFD * d1 mm	Outside diameter Do mm	Eff. cross-section A cm²	AX Cδ N/mm	LA Cλ N/mm	AN Cα Nm/deg.	
50	23	14	44	155	41.057.10	16	90	69	27,9	88	60	0,3	3,3	400	78	7	20	230	41.068.10	28	465	461	1478	107	2680	15	44,7
50	38	39	50	220	41.057.20	16	90	69	27,9	54	14	0,4	3,4	400	130	20	34	305	41.068.20	28	465	461	1478	65	525	22	46,7
65	27	12	40	145	41.058.10	16	107	87	46,0	82	108	0,4	4,1	400	183	45	48	410	41.068.30	28	465	457	1459	70	264	32	54,9
65	43	30	50	200	41.058.20	16	107	87	46,0	52	27	0,6	4,3	450	74	6	17	235	41.069.10	30	520	511	1842	110	3750	19	54,7
65	57	53	50	250	41.058.30	16	107	87	46,0	39	12	0,7	4,4	450	124	17	29	305	41.069.20	30	520	511	1842	66	795	26	57,0
80	26	6	29	150	41.059.10	18	122	114	79,4	109	401	0,6	6,4	450	191	42	45	415	41.069.30	30	520	510	1832	68	325	40	66,2
80	43	17	49	195	41.059.20	18	122	114	79,4	66	80	0,8	6,6	500	82	6	17	255	41.070.10	30	570	566	2263	131	4290	26	59,1
80	65	39	50	250	41.059.30	18	122	114	79,4	44	24	1,1	6,7	500	140	20	29	355	41.070.20	30	570	564	2254	75	721	39	61,6
100	37	7	32	155	41.060.10	18	147	145	131	95	507	0,8	7,2	500	211	46	45	465	41.070.30	30	570	564	2248	79	333	56	71,7
100	53	15	47	190	41.060.20	18	147	144	130	64	138	1,1	7,4	600	75	5	13	295	41.072.10	32	670	679	3257	214	10600	44	79,0
100	92	46	50	265	41.060.30	18	147	144	129	59	40	1,7	8,4	600	132	15	23	385	41.072.20	32	670	679	3257	123	1870	56	82,8
125	38	6	28	160	41.061.10	20	178	171	188	93	831	1,2	9,5	600	207	38	36	505	41.072.30	32	670	679	3257	78	468	82	88,6
125	65	18	48	215	41.061.20	20	178	171	187	85	197	1,8	10,5	700	73	4	11	255	41.074.10	24	775	777	4335	221	17300	58	73,3
125	97	50	50	305	41.061.30	20	178	172	186	71	63	3,1	12,2	700	131	13	20	345	41.074.20	24	775	778	4341	124	2880	74	77,7
150	41	5	25	180	41.062.10	20	202	204	271	113	980	2	10,5	700	220	35	33	485	41.074.30	24	775	781	4358	76	639	109	84,4
150	83	24	50	250	41.062.20	20	202	204	271	57	112	3,1	11,1	800	62	2	8	250	41.076.10	37	880	886	5654	268	52400	78	132
150	123	73	50	400	41.062.30	20	202	203	266	70	46	6	14,5	800	124	9	16	340	41.076.20	37	880	886	5654	134	5380	86	137
200	57	7	27	185	41.064.10	22	258	257	442	87	879	3,4	15,4	800	219	31	29	490	41.076.30	37	880	884	5640	76	891	140	144
200	100	25	48	260	41.064.20	22	258	256	440	48	137	5,4	16,2	900	63	2	7	270	41.078.10	37	980	990	7110	265	67800	98	146
200	114	37	50	310	41.064.30	22	258	259	444	54	109	7,1	17,6	900	126	8	15	360	41.078.20	37	980	990	7110	133	6990	108	151
250	50	5	19	190	41.065.10	24	312	309	663	92	1860	5,3	19,8	900	211	24	25	480	41.078.30	37	980	990	7110	80	1440	162	160
250	109	28	42	310	41.065.20	24	312	314	673	56	207	11	22,5	1000	66	2	7	280	41.080.10	42	1080	1096	8749	255	81500	120	177
250	149	56	50	405	41.065.30	24	312	313	667	64	117	15	28,0	1000	115	5	12	340	41.080.20	42	1080	1098	8765	149	13700	121	183
300	63	6	21	205	41.066.10	24	365	365	927	124	3000	8	27,4	1000	211	22	22	490	41.080.30	42	1080	1093	8724	80	1870	199	193
300	118	18	39	255	41.066.20	24	365	370	943	46	330	11	27,4	1200	80	2	7	210	41.082.10	42	1280	1264	11794	215	50600	159	205
300	159	53	50	420	41.066.30	24	365	365	923	61	150	22	35,9	1200	136	8	12	300	41.082.20	42	1280	1264	11813	128	9570	203	213
350	54	3	16	175	41.067.10	26	410	404	1132	87	4010	7,6	36,3	1200	211	22	19	450	41.082.30	42	1280	1259	11765	84	2200	321	224
350	117	16	35	250	41.067.20	26	410	402	1126	45	426	13	37,7														
350	167	48	50	405	41.067.30	26	410	400	1113	60	191	25	46,9														

To be continued...

* OFD= Outside face diameter

Design code: EN 14917
 Temperature: Calculated at 20°C (EN 1333)
 Minimum fatigue life: 1000 cycles

Important: The movements should be considered alternatives. The total accumulated coefficient of utilisation cannot exceed 1.

Please refer to WebLink 13102 or the QR code to access online tools and online inquiry/order form and more

information about: **Primer, connection ends, inner sleeve, cover etc.**

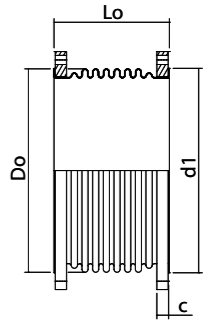


AXIAL EXPANSION JOINTS WITH LOOSE FLANGES

AX1BU / ID no. 41

PN 2,5 - with flange drilling according to EN 1092-1

WebLink: 13102



AX

DN Nominal diameter	MOVEMENT			LENGTH Built-in length Lo mm	ID no.	FLANGE		BELLOW		ADJUSTING FORCES			WEIGHT kg	DN Nominal diameter	MOVEMENT			LENGTH Built-in length Lo mm	ID no.	FLANGE		BELLOW		ADJUSTING FORCES			WEIGHT kg
	AX 2δN mm	LA 2λN mm	AN 2αN deg.			Thickness c mm	OFD* d1 mm	Outside diameter Do mm	Eff. cross-section A cm ²	AX Cδ N/mm	LA CA N/mm	AN Cα Nm/deg.			AX 2δN mm	LA 2λN mm	AN 2αN deg.			Thickness c mm	OFD* d1 mm	Outside diameter Do mm	Eff. cross-section A cm ²	AX Cδ N/mm	LA CA N/mm	AN Cα Nm/deg.	
1400	62	1	4	225	41.084.10	42	1466	1466	15980	295	179900	234	233														
1400	96	3	7	240	41.084.20	42	1466	1464	15980	194	42100	230	237														
1400	179	12	14	360	41.084.30	42	1466	1464	15958	103	6340	336	251														
1600	59	1	4	190	41.086.10	47	1666	1664	20750	336	300600	308	324														
1600	95	3	6	250	41.086.20	47	1666	1664	20776	212	61800	303	330														
1600	178	10	12	370	41.086.30	47	1666	1664	20750	112	9350	439	344														
1800	56	1	3	200	41.088.10	52	1866	1864	26142	386	442300	402	399														
1800	94	2	5	260	41.088.20	52	1866	1864	26199	231	86800	387	406														
1800	170	9	10	380	41.088.30	52	1866	1864	26142	128	14300	557	422														
2000	53	0	3	200	41.090.10	52	2066	2061	32204	454	653200	519	441														
2000	88	2	4	260	41.090.20	52	2066	2061	32204	273	129800	491	447														
2000	159	7	9	380	41.090.30	52	2066	2061	32204	152	21700	693	466														
2200	65	0	3	215	41.092.10	57	2266	2260	38865	424	646600	670	575														
2200	109	2	5	275	41.092.20	57	2266	2260	38865	254	133500	610	586														
2200	197	8	10	395	41.092.30	57	2266	2260	38865	141	22600	847	609														

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* OFD= Outside face diameter

Design code: EN 14917

Temperature: Calculated at 20°C (EN 1333)
Minimum fatigue life: 1000 cycles

Important: The movements should be considered alternatives. The total accumulated coefficient of utilisation cannot exceed 1.

Please refer to WebLink 13102 or the QR code to access online tools and online inquiry/order form and more

information about: **Primer, connection ends, inner sleeve, cover etc.**

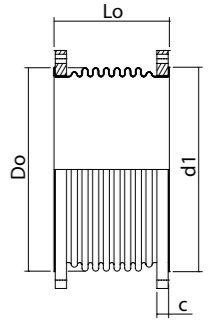


AXIAL EXPANSION JOINTS WITH LOOSE FLANGES

AX1BU / ID no. 41

PN 6 - with flange drilling according to EN 1092-1

Weblink: 13102



DN Nominal diameter	MOVEMENT			LENGTH Built-in length Lo mm	ID no.	FLANGE		BELLOW		ADJUSTING FORCES			WEIGHT kg	DN Nominal diameter	MOVEMENT			LENGTH Built-in length Lo mm	ID no.	FLANGE		BELLOW		ADJUSTING FORCES			WEIGHT kg
	AX 2δN mm	LA 2λN mm	AN 2αN deg.			Thickness c mm	OFD * d1 mm	Outside diameter Do mm	Eff. cross-section A cm²	AX Cδ N/mm	LA Cλ N/mm	AN Cα Nm/deg.			AX 2δN mm	LA 2λN mm	AN 2αN deg.			Thickness c mm	OFD * d1 mm	Outside diameter Do mm	Eff. cross-section A cm²	AX Cδ N/mm	LA Cλ N/mm	AN Cα Nm/deg.	
50	23	14	44	155	41.107.10	16	90	69	27,9	88	60	0,6	3,3	400	65	7	17	250	41.118.10	28	465	453	1451	114	2380	36	44,7
50	40	48	50	255	41.107.20	16	90	69	27,9	79	15	1,1	3,8	400	117	19	31	315	41.118.20	28	465	458	1462	105	846	52	50,2
65	26	11	38	145	41.108.10	16	107	87	46,0	84	108	0,9	4,1	400	147	42	39	460	41.118.30	28	465	455	1441	145	505	87	64,9
65	43	32	50	210	41.108.20	16	107	87	46,0	81	39	1,4	4,5	450	54	4	12	235	41.119.10	30	520	510	1836	179	7320	41	56,2
80	25	6	28	150	41.109.10	18	122	114	79,4	110	401	1,1	6,4	450	90	11	21	290	41.119.20	30	520	514	1851	107	1770	56	59,0
80	42	17	47	195	41.109.20	18	122	114	79,4	66	80	1,7	6,6	450	157	34	37	420	41.119.30	30	520	513	1830	140	742	96	77,5
80	59	37	50	260	41.109.30	18	122	114	77,3	100	52	2,5	7,5	500	61	5	13	260	41.120.10	30	570	568	2273	196	7270	57	60,7
100	35	6	31	155	41.110.10	18	147	145	131	94	507	1,7	7,2	500	108	16	23	360	41.120.20	30	570	567	2269	112	1210	93	63,8
100	53	15	47	200	41.110.20	18	147	144	129	98	179	2,6	7,8	500	171	36	36	460	41.120.30	30	570	569	2259	161	819	130	84,4
100	76	42	50	280	41.110.30	18	147	145	127	118	82	4,4	9,8	600	63	5	11	305	41.122.10	32	670	666	3191	237	8930	98	79,0
125	35	5	25	160	41.111.10	20	178	171	188	92	831	2,4	9,5	600	131	16	23	375	41.122.20	32	670	681	3256	185	2420	134	89,3
125	62	17	46	215	41.111.20	20	178	171	187	85	197	4	10,5	600	189	34	33	480	41.122.30	32	670	679	3235	180	1120	190	108
125	82	43	50	310	41.111.30	20	178	170	182	111	103	7,2	13,4	700	57	4	8	325	41.124.10	40	775	762	4248	279	14500	135	115
150	38	5	23	180	41.112.10	20	202	204	271	112	980	4,1	10,5	700	121	12	18	390	41.124.20	40	775	776	4316	201	4200	178	127
150	65	20	40	255	41.112.20	20	202	204	267	131	306	7,7	12,6	700	195	33	30	530	41.124.30	40	775	775	4298	175	1390	277	148
150	103	53	50	364	41.112.30	20	202	204	262	152	126	13	16,7	800	68	3	9	305	41.126.10	44	880	878	5586	364	34500	163	160
200	51	6	24	185	41.114.10	22	258	257	442	86	879	7,4	15,4	800	119	11	16	400	41.126.20	44	880	878	5586	208	5920	233	168
200	88	23	42	275	41.114.20	22	258	259	441	106	311	14	18,6	800	208	28	28	500	41.126.30	44	880	885	5618	171	2020	324	192
200	110	38	50	330	41.114.30	22	258	259	435	154	265	18	23,1	900	65	3	7	310	41.128.10	48	980	979	7011	390	50800	205	192
250	46	5	18	190	41.115.10	24	312	309	663	94	1860	12	19,8	900	116	9	14	405	41.128.20	48	980	980	7019	218	8460	289	200
250	86	18	33	280	41.115.20	24	312	314	670	109	556	22	23,8	900	199	24	24	510	41.128.30	48	980	986	7047	178	2860	410	227
250	111	37	44	375	41.115.30	24	312	310	656	117	283	32	28,6	1000	62	2	6	320	41.130.10	52	1080	1080	8599	424	67600	258	223
300	58	5	19	205	41.116.10	24	365	365	927	127	3000	17	27,4	1000	109	8	11	415	41.130.20	52	1080	1080	8599	242	12000	360	233
300	84	12	28	240	41.116.20	24	365	364	924	87	877	24	28,3	1000	211	23	23	535	41.130.30	52	1080	1092	8679	171	3390	499	263
300	115	24	38	305	41.116.30	24	365	370	933	121	629	34	34,9	1200	66	3	6	285	41.132.10	60	1295	1248	11652	452	68000	397	351
350	55	4	16	200	41.117.10	26	410	396	1104	131	3900	21	37,6	1200	114	8	10	380	41.132.20	60	1295	1251	11681	254	14200	550	362
350	89	11	27	245	41.117.20	26	410	398	1110	83	986	28	39,6	1200	214	22	20	480	41.132.30	60	1295	1263	11781	175	4320	749	399
350	123	27	37	340	41.117.30	26	410	400	1108	112	582	46	47,8														

* OFD= Outside face diameter

Design code: EN 14917
 Temperature: Calculated at 20°C (EN 1333)
 Minimum fatigue life: 1000 cycles

Important: The movements should be considered alternatives. The total accumulated coefficient of utilisation cannot exceed 1.

Please refer to Weblink 13102 or the QR code to access online tools and online inquiry/order form and more

information about: **Primer, connection ends, inner sleeve, cover etc.**

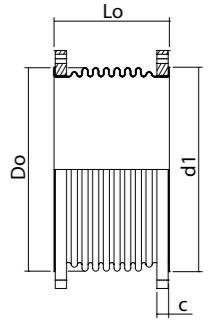


AXIAL EXPANSION JOINTS WITH LOOSE FLANGES

AX1BU / ID no. 41

PN 10 - with flange drilling according to EN 1092-1

Weblink: 13102



DN Nominal diameter	MOVEMENT			LENGTH Built-in length Lo mm	ID no.	FLANGE		BELLOW		ADJUSTING FORCES			WEIGHT kg	DN Nominal diameter	MOVEMENT			LENGTH Built-in length Lo mm	ID no.	FLANGE		BELLOW		ADJUSTING FORCES			WEIGHT kg
	AX 2δN mm	LA 2λN mm	AN 2αN deg.			Thickness c mm	OFD* d1 mm	Outside diameter Do mm	Eff. cross-section A cm²	AX Cδ N/mm	LA Cλ N/mm	AN Cα Nm/deg.			AX 2δN mm	LA 2λN mm	AN 2αN deg.			Thickness c mm	OFD* d1 mm	Outside diameter Do mm	Eff. cross-section A cm²	AX Cδ N/mm	LA Cλ N/mm	AN Cα Nm/deg.	
25	12	9	40	115	41.154.10	16	68	40	9,2	96	45	0,3	2,4	350	37	2	11	195	41.167.10	30	410	399	1110	257	12800	30	49,0
32	15	8	41	110	41.155.10	18	78	50	13,6	89	68	0,3	4,0	350	82	10	24	250	41.167.20	30	410	407	1129	171	2240	45	54,2
40	19	16	46	155	41.156.10	18	88	55	17,0	102	39	0,6	4,5	350	106	21	32	330	41.167.30	30	410	400	1103	170	1030	69	59,0
50	18	9	34	145	41.157.10	20	92	69	27,9	110	110	0,8	5,8	400	47	3	12	210	41.168.10	32	465	459	1459	357	19200	44	63,0
50	31	28	50	210	41.157.20	20	92	69	27,9	105	35	1,3	6,2	400	93	15	24	330	41.168.20	32	465	459	1461	159	1410	88	68,1
65	25	11	37	150	41.158.10	20	107	87	46,0	85	115	1,3	6,7	400	123	27	32	400	41.168.30	32	465	458	1443	228	1160	115	80,1
65	35	24	50	210	41.158.20	20	107	86	45,4	99	53	2,1	7,1	450	66	6	15	260	41.169.10	36	520	508	1818	255	7310	72	78,4
80	23	5	26	155	41.159.10	20	122	114	79,4	111	401	1,7	7,7	450	101	14	23	330	41.169.20	36	520	515	1838	215	2530	106	86,8
80	33	11	37	180	41.159.20	20	122	114	78,4	128	240	2,3	8,0	450	143	34	34	465	41.169.30	36	520	515	1822	247	1170	173	110
80	46	29	50	265	41.159.30	20	122	113	76,7	127	83	4,1	8,8	500	39	2	8	235	41.170.10	38	570	562	2236	531	49400	80	90,5
100	30	5	26	155	41.160.10	22	147	144	130	95	539	2,7	9,5	500	96	10	20	320	41.170.20	38	570	568	2254	296	4780	117	99,3
100	43	13	39	195	41.160.20	22	147	141	126	107	248	4	10,1	500	141	26	30	435	41.170.30	38	570	569	2249	251	1670	186	112
100	57	32	50	295	41.160.30	22	147	140	122	152	123	7,3	12,1	600	42	2	7	265	41.172.10	37	670	660	3147	663	58900	135	108
125	30	4	22	155	41.161.10	22	178	170	187	96	886	3,8	11,7	600	106	11	19	365	41.172.20	37	670	669	3183	327	5710	197	119
125	45	11	33	195	41.161.20	22	178	168	183	105	378	5,7	12,3	600	175	37	31	550	41.172.30	37	670	678	3208	295	1580	362	153
125	63	27	47	280	41.161.30	22	178	169	181	144	193	10	14,9	700	62	3	9	310	41.174.10	42	780	772	4280	536	33900	207	160
150	28	3	17	165	41.162.10	24	208	203	268	220	3380	5,8	15,7	700	109	12	16	405	41.174.20	42	780	772	4280	306	6150	302	169
150	61	17	37	250	41.162.20	24	208	206	270	139	351	12	17,4	700	183	30	28	525	41.174.30	42	780	784	4327	294	2430	444	205
150	71	33	45	345	41.162.30	24	208	198	256	172	213	19	19,2														
200	35	4	17	185	41.164.10	24	258	257	437	251	4150	12	21,3														
200	67	13	32	230	41.164.20	24	258	262	446	139	703	18	22,5														
200	91	26	44	300	41.164.30	24	258	259	435	185	440	25	26,5														
250	35	3	13	190	41.165.10	26	320	313	667	258	6760	19	27,6														
250	65	10	25	235	41.165.20	26	320	317	677	142	1280	26	28,6														
250	95	24	37	325	41.165.30	26	320	313	659	180	621	42	35,3														
300	39	3	12	185	41.166.10	26	370	368	932	238	9460	25	32,0														
300	91	16	30	275	41.166.20	26	370	370	933	150	1100	47	36,7														
300	115	28	38	350	41.166.30	26	370	373	930	200	805	65	47,2														

* OFD= Outside face diameter

Design code: EN 14917
 Temperature: Calculated at 20°C (EN 1333)
 Minimum fatigue life: 1000 cycles

Important: The movements should be considered alternatives. The total accumulated coefficient of utilisation cannot exceed 1.

Please refer to Weblink 13102 or the QR code to access online tools and online inquiry/order form and more

information about: **Primer, connection ends, inner sleeve, cover etc.**

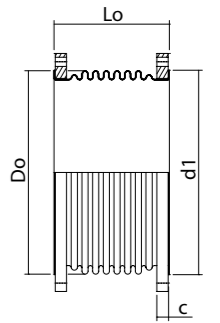


AXIAL EXPANSION JOINTS WITH LOOSE FLANGES

AX1BU / ID no. 41

PN 16 - with flange drilling according to EN 1092-1

Weblink: 13102



DN Nominal diameter	MOVEMENT			LENGTH Built-in length Lo mm	ID no.	FLANGE		BELLOW		ADJUSTING FORCES			WEIGHT kg	DN Nominal diameter	MOVEMENT			LENGTH Built-in length Lo mm	ID no.	FLANGE		BELLOW		ADJUSTING FORCES			WEIGHT kg
	AX 2δN mm	LA 2λN mm	AN 2αN deg.			Thickness c mm	OFD * d1 mm	Outside diameter Do mm	Eff. cross-section A cm²	AX Cδ N/mm	LA Cλ N/mm	AN Cα Nm/deg.			AX 2δN mm	LA 2λN mm	AN 2αN deg.			Thickness c mm	OFD * d1 mm	Outside diameter Do mm	Eff. cross-section A cm²	AX Cδ N/mm	LA Cλ N/mm	AN Cα Nm/deg.	
25	12	9	40	115	41.204.10	16	68	40	9,2	97	45	0,4	2,4	400	45	4	12	250	41.218.10	38	465	458	1451	464	15100	81	80,2
32	15	8	41	110	41.205.10	18	78	50	13,6	89	68	0,5	4,0	400	71	10	18	315	41.218.20	38	465	457	1447	297	3670	119	82,7
40	18	16	44	165	41.206.10	18	88	55	17,0	174	56	1,1	4,6	400	97	16	25	345	41.218.30	38	465	462	1457	288	2300	139	89,5
50	18	9	34	145	41.207.10	20	92	69	27,9	111	110	1,2	5,8	450	42	3	10	260	41.219.10	42	520	507	1808	525	22800	103	102
50	28	27	50	220	41.207.20	20	92	68	27,1	173	53	2,1	6,4	450	68	8	16	320	41.219.20	42	520	507	1808	326	5530	147	105
65	20	8	30	145	41.208.10	20	107	86	45,4	107	171	1,9	6,7	450	95	14	22	355	41.219.30	42	520	513	1822	300	3120	175	113
65	37	27	50	215	41.208.20	20	107	87	45,3	176	87	3,4	7,7	500	49	4	10	310	41.220.10	46	570	559	2217	562	18400	158	138
80	21	5	24	155	41.209.10	20	122	113	78,6	119	440	2,7	7,7	500	68	8	14	365	41.220.20	46	570	559	2217	404	6450	209	142
80	40	21	47	235	41.209.20	20	122	112	74,9	190	161	5,2	8,8	500	103	15	22	400	41.220.30	46	570	568	2245	337	3310	243	150
100	29	5	26	160	41.210.10	22	147	143	128	152	775	4,4	9,8														
100	43	14	39	210	41.210.20	22	147	141	123	190	354	6,8	10,9														
125	19	2	14	150	41.211.10	22	178	170	186	198	2810	5,6	11,8														
125	40	9	29	190	41.211.20	22	178	173	187	163	684	8,8	12,9														
125	50	15	37	225	41.211.30	22	178	172	184	183	431	12	14,2														
150	24	3	14	170	41.212.10	24	208	205	269	330	4890	9,6	16,2														
150	40	7	24	200	41.212.20	24	208	208	273	202	1140	13	16,8														
150	63	19	39	265	41.212.30	24	208	206	265	247	526	20	19,4														
200	32	3	15	180	41.214.10	26	258	261	442	393	8190	17	21,7														
200	60	12	29	245	41.214.20	26	258	259	438	206	1010	29	23,4														
200	75	25	36	340	41.214.30	26	258	257	427	278	597	46	29,7														
250	34	4	13	220	41.215.10	29	320	309	658	269	5220	32	30,4														
250	59	9	23	260	41.215.20	29	320	314	666	218	1820	43	33,1														
250	80	24	31	360	41.215.30	29	320	312	652	282	895	74	41,0														
300	28	1	9	200	41.216.10	32	375	365	919	469	26000	36	40,6														
300	63	8	21	255	41.216.20	32	375	370	928	282	3840	55	44,9														
300	89	20	29	345	41.216.30	32	375	369	920	259	1270	96	55,0														
350	34	2	10	215	41.217.10	35	410	396	1096	406	16500	50	59,9														
350	60	7	18	250	41.217.20	35	410	401	1106	299	5330	66	63,8														
350	90	19	27	350	41.217.30	35	410	402	1103	262	1580	114	74,9														

* OFD= Outside face diameter

Design code: EN 14917
 Temperature: Calculated at 20°C (EN 1333)
 Minimum fatigue life: 1000 cycles

Important: The movements should be considered alternatives. The total accumulated coefficient of utilisation cannot exceed 1.

Please refer to Weblink 13102 or the QR code to access online tools and online inquiry/order form and more

information about: **Primer, connection ends, inner sleeve, cover etc.**

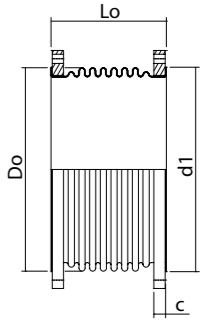


AXIAL EXPANSION JOINTS WITH LOOSE FLANGES

AX1BU / ID no. 41

PN 25 - with flange drilling according to EN 1092-1

Weblink: 13102



AX

DN Nominal diameter	MOVEMENT			LENGTH Built-in length Lo mm	ID no.	FLANGE		BELLOW		ADJUSTING FORCES			WEIGHT kg	DN Nominal diameter	MOVEMENT			LENGTH Built-in length Lo mm	ID no.	FLANGE		BELLOW		ADJUSTING FORCES			WEIGHT kg
	AX 2δN mm	LA 2λN mm	AN 2αN deg.			Thickness c mm	OFD* d1 mm	Outside diameter Do mm	Eff. cross-section A cm²	AX Cδ N/mm	LA Cλ N/mm	AN Cα Nm/deg.			AX 2δN mm	LA 2λN mm	AN 2αN deg.			Thickness c mm	OFD* d1 mm	Outside diameter Do mm	Eff. cross-section A cm²	AX Cδ N/mm	LA Cλ N/mm	AN Cα Nm/deg.	
50	15	6	28	135	41.257.10	20	92	69	27,9	130	157	1,7	5,2														
50	22	17	43	190	41.257.20	20	92	68	27,1	222	99	2,7	5,6														
65	16	6	24	140	41.258.10	22	107	85	43,6	150	268	2,6	6,7														
65	29	24	45	235	41.258.20	22	107	84	42,4	270	112	5,4	7,7														
80	20	5	23	165	41.259.10	24	122	113	77,6	191	655	4,2	8,7														
80	31	13	36	215	41.259.20	24	122	112	74,9	241	305	6,6	9,6														
100	23	4	20	165	41.260.10	26	147	142	126	266	1650	6,3	12,5														
100	36	12	33	220	41.260.20	26	147	138	120	230	460	11	13,3														
125	28	5	21	190	41.261.10	28	178	170	184	223	1300	12	17,3														
125	43	12	32	235	41.261.20	28	178	171	181	279	703	17	19,4														
150	25	3	15	195	41.262.10	30	208	206	268	452	6060	15	21,9														
150	47	13	29	265	41.262.20	30	208	203	261	321	873	29	24,3														
200	27	2	13	195	41.264.10	32	258	257	431	585	12300	26	31,3														
200	51	9	24	250	41.264.20	32	258	259	435	313	1690	41	33,6														
200	60	17	29	315	41.264.30	32	258	257	427	352	1040	60	36,9														
250	24	2	9	205	41.265.10	35	320	309	650	718	22500	42	43,8														
250	46	7	18	255	41.265.20	35	320	311	655	372	3740	62	46,6														
250	63	14	24	330	41.265.30	35	320	314	657	358	1670	92	50,7														
300	30	2	10	225	41.266.10	38	375	360	901	622	19800	65	57,9														
300	48	7	16	280	41.266.20	38	375	360	901	389	4410	97	59,9														
300	65	11	21	305	41.266.30	38	375	370	922	358	2820	114	64,9														
350	28	2	8	235	41.267.10	42	410	391	1076	702	25600	80	87,9														
350	45	6	13	285	41.267.20	42	410	391	1076	438	6410	114	90,1														
350	62	9	18	315	41.267.30	42	410	401	1100	392	3780	138	95,5														
400	28	2	7	260	41.268.10	48	465	450	1416	1060	49400	115	123														
400	46	5	12	300	41.268.20	48	465	452	1423	637	13400	148	126														
400	82	15	21	400	41.268.30	48	465	459	1441	435	2940	245	140														

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* OFD= Outside face diameter

Design code: EN 14917
Temperature: Calculated at 20°C (EN 1333)
Minimum fatigue life: 1000 cycles

Important: The movements should be considered alternatives. The total accumulated coefficient of utilisation cannot exceed 1.

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information about: **Primer, connection ends, inner sleeve, cover etc.**

