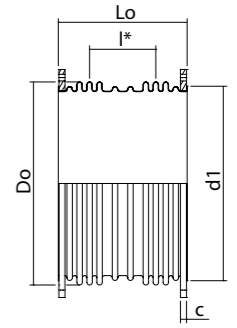


EXHAUST EXPANSION JOINTS WITH LOOSE FLANGES

US3BU / ID no. 31

PN 1 - with flange drilling according to DIN 86044

WebLink: 13506



US

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 2σN mm	LA 2λN mm			Thickness c mm	OFD* d1 mm	Outside diameter Do mm	Eff. cross-section A cm²	Centre distance l* mm	AX Cσ N/mm	LA Cλ N/mm			Thickness c mm	OFD* d1 mm			Outside diameter Do mm	Eff. cross-section A cm²	Centre distance l* mm	AX Cσ N/mm	LA Cλ N/mm			
50	38	64	235	31.007.10	20	80	69	27,9	132	57	4,9	5,9	2100	149	18	480	31.041.10	20	2155	2163	35463	315	192	4000	198
65	41	63	245	31.008.10	20	98	87	46,0	150	53	6,2	6,9	2200	147	17	480	31.042.10	20	2255	2263	38879	315	201	4580	206
80	61	69	270	31.009.10	20	113	114	79,4	137	32	7,2	8,0													
100	72	55	240	31.010.10	22	141	145	131	116	24	13	9,9													
125	69	46	245	31.011.10	22	170	170	187	120	31	21	12,1													
150	97	68	310	31.012.10	24	201	204	271	154	26	16	16,2													
200	90	47	285	31.014.10	16	252	258	444	144	49	53	13,2													
250	85	36	285	31.015.10	16	306	312	669	144	59	97	15,9													
300	83	30	285	31.016.10	16	357	363	923	144	68	155	20,8													
350	86	34	295	31.017.10	16	391	401	1121	169	62	136	26,1													
400	116	46	345	31.018.10	16	442	458	1464	195	50	106	29,8													
450	113	40	345	31.019.10	16	493	509	1830	195	55	147	34,3													
500	94	31	355	31.020.10	16	544	560	2238	194	82	278	35,9													
550	90	27	360	31.021.10	20	595	609	2676	192	98	396	49,6													
600	114	34	410	31.022.10	20	643	672	3211	211	102	404	57,9													
700	139	45	465	31.024.10	20	745	781	4358	266	85	300	69,0													
800	137	39	465	31.026.10	20	847	883	5634	266	95	433	78,7													
900	134	34	465	31.028.10	20	949	985	7072	266	105	600	87,7													
1000	131	30	465	31.030.10	20	1051	1087	8674	266	115	805	96,8													
1100	129	27	465	31.031.10	20	1155	1191	10476	266	125	1060	107													
1200	148	31	480	31.032.10	20	1255	1263	11784	315	113	780	116													
1300	150	29	480	31.033.10	20	1355	1363	13787	315	122	982	125													
1400	150	27	480	31.034.10	20	1455	1463	15947	315	130	1220	134													
1500	148	25	480	31.035.10	20	1555	1563	18264	315	139	1500	143													
1600	152	24	480	31.036.10	20	1655	1663	20737	315	148	1800	152													
1700	148	22	480	31.037.10	20	1755	1763	23368	315	157	2150	161													
1800	149	21	480	31.038.10	20	1855	1863	26156	315	166	2540	170													
1900	150	20	480	31.039.10	20	1955	1963	29101	315	174	2980	179													
2000	150	19	480	31.040.10	20	2055	2063	32204	315	183	3460	189													

* OFD= Outside face diameter

Design code: EJMA 9
Temperature: Calculated at 550°C
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 13506 or the QR code to access online tools and online inquiry/order form and more

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

