

UNIVERSAL EXPANSION JOINTS WITH LOOSE FLANGES

UN2BU / ID no. 51

PN 2,5 - with flange drilling according to EN1092-1

Weblink: 13402

DN Nominal diameter	MOVEMENT		LENGTH Built-in length Lo mm	ID no.	FLANGE		BELLOW			ADJUSTING FORCES		WEIGHT kg
	AX 2δN mm	LA 2λN mm			Thickness c mm	OFD* d1 mm	Outside diameter Do mm	Eff. cross-section A cm ²	Centre distance l* mm	AX Cδ N/mm	LA Cλ N/mm	
50	47	123	350	51.057.10	16	90	69	27,9	196	80	1,2	3,9
65	54	122	360	51.058.10	16	107	87	46,0	215	73	1,5	5,1
80	52	124	385	51.059.10	18	122	114	79,4	249	86	1,8	8,0
100	75	119	395	51.060.10	18	147	145	131	254	67	2,1	9,6
125	76	123	415	51.061.10	20	178	171	188	272	69	2,8	13,0
150	83	120	440	51.062.10	20	202	204	271	284	82	4	15,0
200	77	81	440	51.064.10	22	258	257	437	277	200	21	25,3
250	101	80	440	51.065.10	24	312	309	663	266	76	14	28,5
300	127	81	440	51.066.10	24	365	365	927	255	97	24	38,8
350	120	82	470	51.067.10	26	410	396	1104	288	105	26	51,2
400	142	81	540	51.068.10	28	465	453	1451	312	95	30	59,6
450	149	80	525	51.069.10	30	520	511	1842	312	89	33	72,9
500	164	81	555	51.070.10	30	570	566	2263	326	101	39	79,4
600	150	82	645	51.072.10	32	670	679	3257	395	170	65	109
700	146	79	700	51.074.10	40	775	777	4335	444	184	80	156
800	124	80	785	51.076.10	44	880	886	5654	553	215	78	218
900	126	80	850	51.078.10	48	980	990	7110	596	215	86	261
1000	230	76	740	51.080.10	52	1080	1098	8765	422	118	119	278
1200	161	61	720	51.082.10	60	1280	1264	11794	473	185	205	361
1400	192	60	715	51.084.10	42	1466	1464	15980	474	176	269	320
1600	191	61	785	51.086.10	47	1666	1664	20776	534	195	310	439
1800	189	40	675	51.088.10	52	1866	1864	26199	414	215	718	497
2000	177	40	735	51.090.10	52	2066	2061	32204	473	261	827	565
2200	218	40	715	51.092.10	57	2266	2260	38865	439	236	1040	710

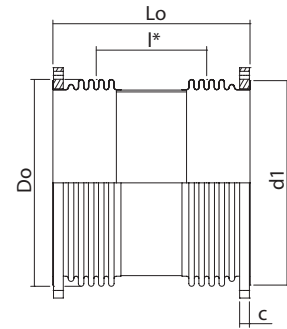
* OFD= Outside face diameter

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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Please refer to WebLink 13402 or the QR code to access online tools and online inquiry/order form and more

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

