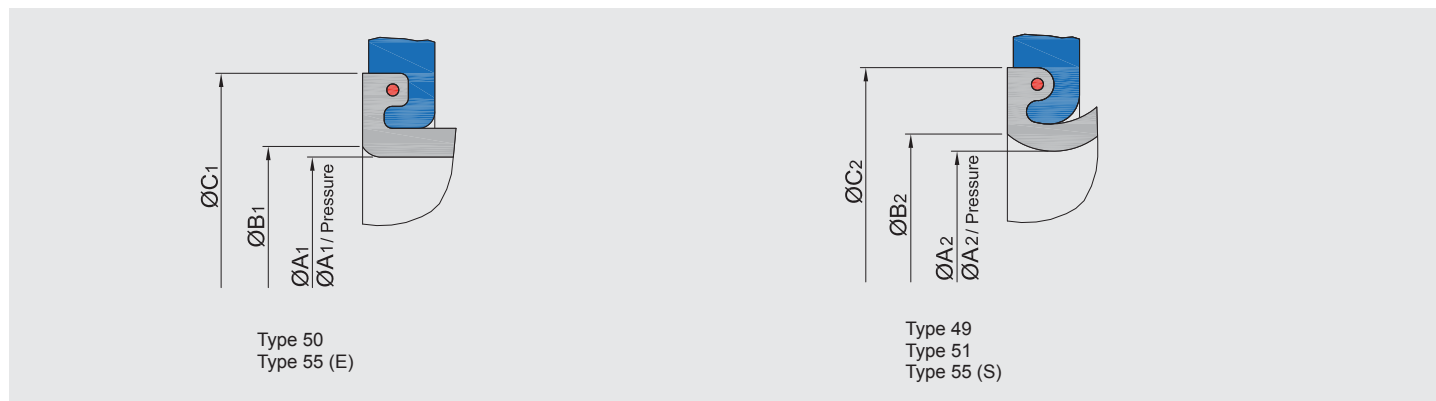


WILLBRANDT Rubber Bellow Sealing Profile for Expansion Joints with Swivelling Flanges

When selecting a counter flange it is important to ensure that the internal diameter only exceeds measurement B (rubber bellow) by 2 mm. If the

internal diameter is larger, it is necessary to use a blank gasket (see fitting example **EB 16 D**).



DN	for Types 50 and 55 (E)				for Types 49, 51 and 55 (S)				
	C1 mm	B1 mm	A1 mm	A1/pressure mm	C2 (Type 51/55) mm	C2 (Type 49) mm	B2 mm	A2 mm	A2/pressure mm
20	66	37	28.5	30	-	-	-	-	-
25	66	37	28.5	30	-	-	-	-	-
32	66	37	28.5	30	79	79	42	35	37
40	74	42	36.0	39	79	79	42	35	37
50	86	55	45.0	48	88	89	57	45	47
65	106	71	60.5	64	104	104	69	59	61
80	118	81	74.0	77	119	119	86	75	77
100	138	106	94.0	98	142	142	110	98	100
125	166	132	121.0	125	169	169	137	125	127
150	192	160	147.0	151	195	195	164	149	151
175	252	213	202.0	206	-	-	200	197	200
200	252	213	202.0	206	244	245	200	197	200
250	304	257	250.0	254	295	295	256	252	255
300	354	309	300.0	304	351	345	304	299	302
350	412	350	330.0	340	400	396	358	354	357
400	470	414	404.0	408	450	450	405	402	405
450	520	445	445.0	450	512	-	-	-	-
500	570	514	504.0	508	563	550	508	504	507
600	675	611	603.0	607	675	-	-	-	-
700	780	708	680.0	695	-	-	-	-	-
750	820	758	751.0	755	-	-	-	-	-
800	887	813	801.0	805	-	-	-	-	-
900	987	907	897.0	900	-	-	-	-	-
1000	1087	1007	997.0	1000	-	-	-	-	-

WILLBRANDT Tolerances According to the FSA Handbook for Handmade Expansion Joints Types 39, 40, 42, 56, 57, 58, 59, 61, 62, 63 and 64

DN	Internal dimension	External flange dimension	Pitch circle diameter	Hole diameter	Overall length				Flange thickness			Flange hole alignment	
					≤ 150	≤ 300	≤ 600	> 600	≤ 10	≤ 15	> 15	L ≤ 350	LF ≤ 350
≤ 550	±5	±6	±5	±2	±5	±5	±5	±1.0 %	±2	±3	±4	±3	±5
> 550 - ≤ 1150	±10	±13	±5	±2	±5	±5	±5	±1.0 %	±2	±3	±4	±3	±5
> 1150 - ≤ 1750	±10/-12	±19/-13	±6	±2	±6	±10	±10	±1.5 %	±2	±4	±4	±4	±6
> 1750	±10/-16	±25/-14	±6	±2	±6	±10	±10	±1.5 %	±2	±4	±4	±4	±6