

**Table 7 - Guideline values for spacer ring width reduction – 719 .. E and 70 .. E bearing series**

Increasing the preload (back-to-back)		Decreasing the preload (back-to-back)				Increasing the preload (face-to-face)		Decreasing the preload (face-to-face)	
Bore diameter	Size	Requisite spacer ring width reduction of bearings in the series <sup>1)</sup>							
		719 CE		719 ACE		70 CE		70 ACE	
d		a	b	a	b	a	b	a	b
mm	–	µm							
6	6	–	–	–	–	6	7	5	5
7	7	–	–	–	–	8	8	5	6
8	8	7	8	5	5	8	10	6	6
9	9	7	8	5	5	8	10	6	6
10	00	7	8	5	5	9	10	6	6
12	01	7	8	5	5	9	10	6	6
15	02	8	9	6	6	9	10	6	11
17	03	9	9	6	6	11	12	7	11
20	04	10	10	7	7	13	13	8	11
25	05	10	10	7	7	13	13	8	11
30	06	10	10	7	7	13	13	8	11
35	07	11	11	7	8	13	15	9	11
40	08	12	13	8	9	13	15	9	11
45	09	12	13	8	9	13	15	9	11
50	10	14	14	9	10	14	15	9	11
55	11	15	16	9	11	14	15	9	11
60	12	15	16	9	11	14	15	9	11
65	13	15	16	9	11	15	16	10	11
70	14	17	19	11	12	16	17	10	11
75	15	17	19	11	13	16	17	10	11

75	15	17	17	11	13	13	17	13	11
80	16	17	19	11	13	18	19	12	13
85	17	20	22	13	14	18	19	12	13
90	18	20	22	13	14	18	19	12	13
95	19	20	22	13	15	20	22	13	15
100	20	22	25	14	16	20	22	13	15
110	22	22	25	14	16	20	22	13	15
120	24	25	28	16	18	22	24	14	16

<sup>1)</sup> Data for bearings with an 18° contact angle is available on request.