

table 3 - Guideline values for spring preload forces for bearings in the 70 .. E series

Bore diameter d	Size	Preload ¹⁾	
		CE design	ACE design
mm	-	N	
6	6	50	80
7	7	60	100
8	8	70	120
9	9	80	130
10	00	90	140
12	01	90	150
15	02	120	200
17	03	160	250
20	04	200	320
25	05	220	350
30	06	240	400
35	07	300	480
40	08	320	500
45	09	340	540
50	10	400	650
55	11	420	700
60	12	450	700
65	13	520	840
70	14	600	1000
75	15	700	1100
80	16	900	1400
85	17	900	1400
90	18	900	1500
95	19	1200	1900

100	20	1200	1900
110	22	1200	2000
120	24	1500	2400

¹⁾ For single bearings in the CE and ACE designs. For tandem bearing arrangements, the values should be multiplied by a factor equal to the number of bearings.