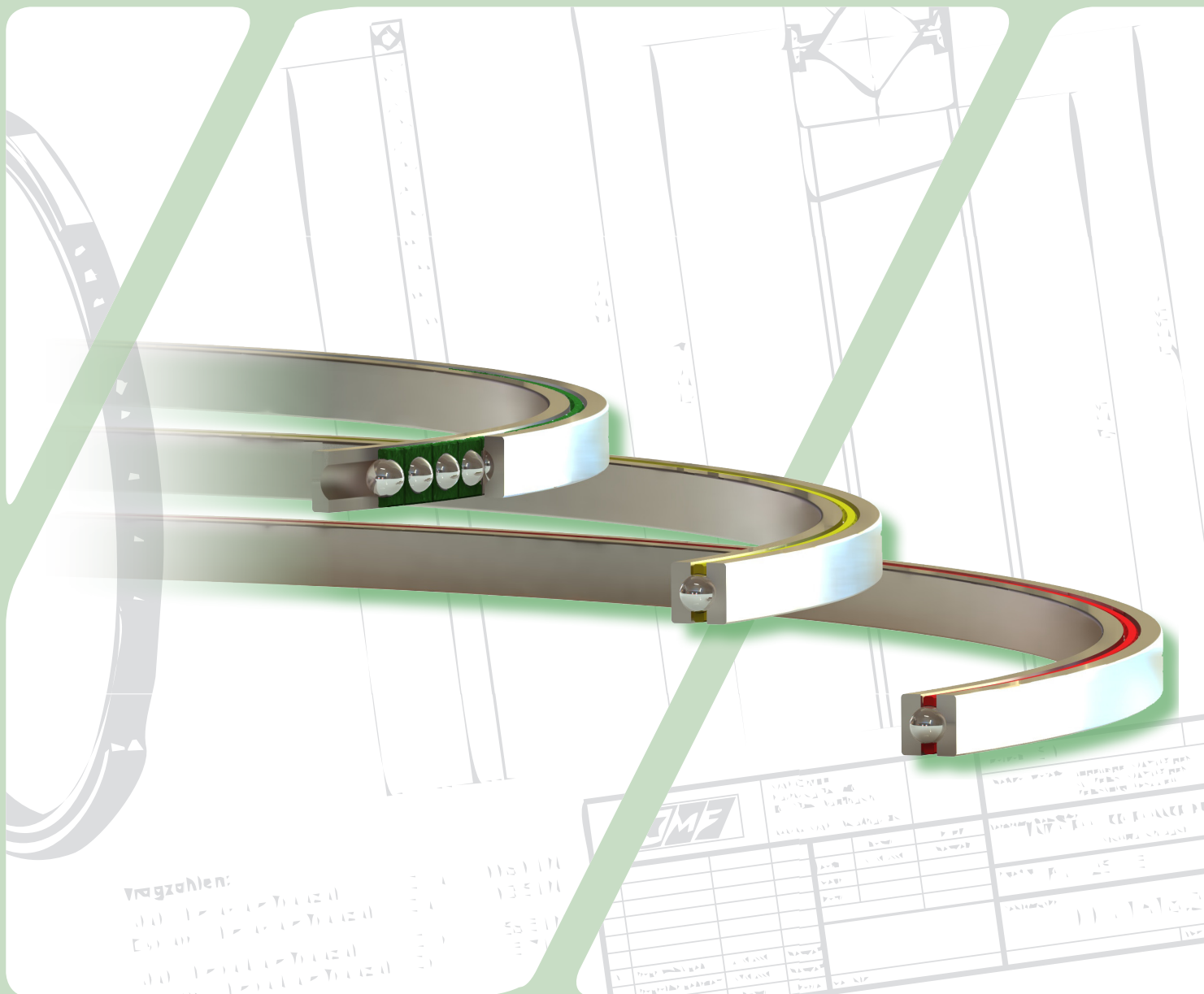
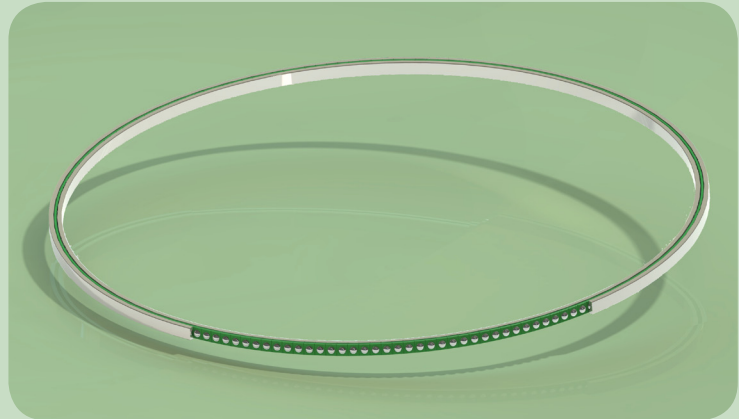
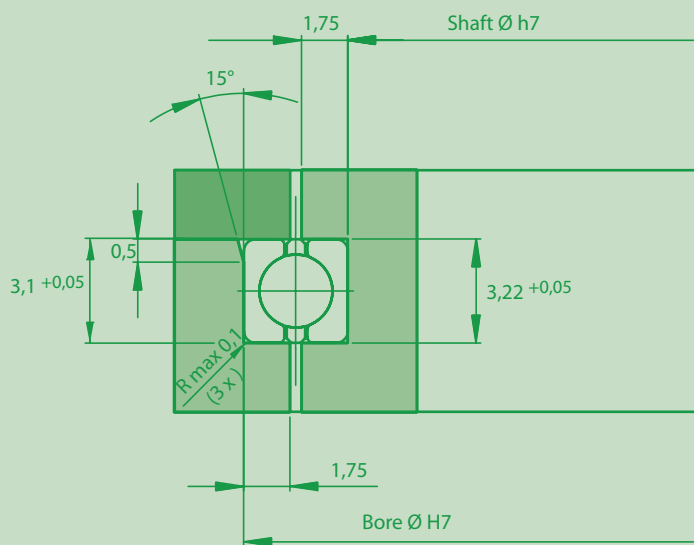


Thin ring bearing PBXS



Fitted dimensions



Bearing dimensions

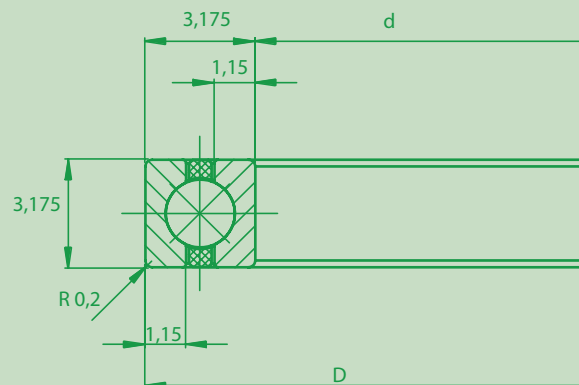


Table of dimensions (Type series PBXS)

KMF-type ¹⁾	Bearing dimension			Basic load ratings				Mass kg	Limiting speeds n_G grease min ⁻¹
				Axial		Radial			
	d		Dyn.	Stat.	Dyn.	Stat.			
	mm	inch	mm	C_a kN	C_{oa} kN	C_r kN	C_{or} kN		
PBXS 015	38,10	1½	44,45	1,23	4,0	1,12	1,61	0,007	4010
PBXS 020	50,80	2	57,15	1,36	5,3	1,23	2,12	0,010	3010
PBXS 025	63,50	2½	69,85	1,47	6,6	1,33	2,60	0,013	2400
PBXS 030	76,20	3	82,55	1,58	7,9	1,43	3,15	0,015	2000
PBXS 035	88,90	3½	95,25	1,67	9,2	1,51	3,70	0,017	1720
PBXS 040	101,60	4	107,95	1,75	10,5	1,58	4,20	0,020	1500
PBXS 042	107,95	4¼	114,30	1,79	11,2	1,59	4,48	0,021	1410
PBXS 045	114,30	4½	120,65	1,83	11,8	1,65	4,75	0,022	1340
PBXS 047	120,65	4¾	127,35	1,87	12,5	1,68	4,98	0,023	1270
PBXS 050	127,00	5	133,35	1,90	13,1	1,71	5,20	0,025	1200
PBXS 055	139,70	5½	146,05	1,96	14,4	1,77	5,80	0,057	1090
PBXS 060	152,40	6	158,75	2,02	15,7	1,82	6,30	0,030	1000
PBXS 065	165,10	6½	171,45	2,08	17,0	1,88	6,80	0,032	920
PBXS 070	177,80	7	184,15	2,14	18,3	1,93	7,30	0,035	860
PBXS 075	190,50	7½	196,85	2,19	19,6	1,98	7,80	0,037	800
PBXS 080	203,20	8	209,55	2,25	20,9	2,03	8,40	0,040	750
PBXS 085	215,90	8½	222,25	2,30	22,2	2,07	8,90	0,042	710
PBXS 090	228,60	9	234,95	2,34	23,5	2,11	9,40	0,045	670

KMF-type ¹⁾	Bearing dimension			Basic load ratings				Mass	Limiting speeds
				Axial		Radial			
	d		D	Dyn.	Stat.	Dyn.	Stat.		n _{G grease}
	mm	inch	mm	C _a	C _{oa}	C _r	C _{or}		
PBXS 095	241,30	9 ½	247,65	2,39	24,8	2,16	9,90	0,047	630
PBXS 100	254,00	10	260,35	2,44	26,0	2,20	10,40	0,050	600
PBXS 105	266,70	10 ½	273,05	2,48	27,5	2,24	11,00	0,052	570
PBXS 110	279,40	11	285,75	2,50	28,5	2,27	11,50	0,055	550
PBXS 115	292,10	11 ½	298,45	2,55	30,0	2,31	12,00	0,057	520
PBXS 120	304,80	12	311,15	2,60	31,5	2,35	12,50	0,060	500
PBXS 125	317,50	12 ½	323,85	2,65	32,5	2,38	13,00	0,062	480
PBXS 130	330,20	13	336,55	2,70	34,0	2,42	13,60	0,065	460
PBXS 135	342,90	13 ½	349,25	2,70	35,0	2,45	14,10	0,067	450
PBXS 140	355,60	14	361,95	2,75	36,5	2,48	14,60	0,070	430
PBXS 145	368,30	14 ½	374,65	2,80	38,0	2,50	15,10	0,072	410
PBXS 150	381,00	15	387,35	2,80	39,0	2,55	15,70	0,075	400
PBXS 155	393,70	15 ½	400,05	2,85	40,5	2,60	16,20	0,077	390
PBXS 160	406,40	16	412,75	2,90	41,5	2,60	16,70	0,080	380
PBXS 165	419,10	16 ½	425,45	2,90	43,0	2,65	17,20	0,082	360
PBXS 170	431,80	17	438,15	2,95	44,5	2,65	17,70	0,085	350
PBXS 175	444,50	17 ½	450,85	3,00	45,5	2,70	18,20	0,087	340
PBXS 180	457,20	18	463,55	3,00	47,0	2,70	18,20	0,090	330
PBXS 185	469,90	18 ½	476,25	3,05	48,0	2,75	19,30	0,092	320
PBXS 190	482,60	19	488,95	3,10	49,5	2,75	19,80	0,095	320
PBXS 195	495,30	19 ½	501,65	3,10	51,0	2,80	20,30	0,097	310
PBXS 200	508,00	20	514,35	3,15	52,0	2,85	20,90	0,100	300
PBXS 210	533,40	21	539,75	3,20	55,0	2,90	21,90	0,105	290
PBXS 220	558,80	22	565,15	3,25	57,0	2,95	22,90	0,110	270
PBXS 230	584,20	23	590,55	3,30	60,0	3,00	24,00	0,115	260
PBXS 240	609,60	24	615,95	3,35	63,0	3,00	25,00	0,120	250
PBXS 250	635,00	25	641,35	3,40	65,0	3,05	26,00	0,125	240
PBXS 260	660,40	26	666,75	3,45	68,0	3,10	27,00	0,130	230
PBXS 270	685,80	27	692,15	3,50	70,0	3,15	28,00	0,135	220
PBXS 280	711,20	28	717,55	3,55	73,0	3,20	29,00	0,140	210
PBXS 290	736,60	29	742,95	3,60	76,0	3,25	30,00	0,145	210
PBXS 300	762,00	30	768,35	3,65	78,0	3,30	31,50	0,150	200

1) Other dimensions on request