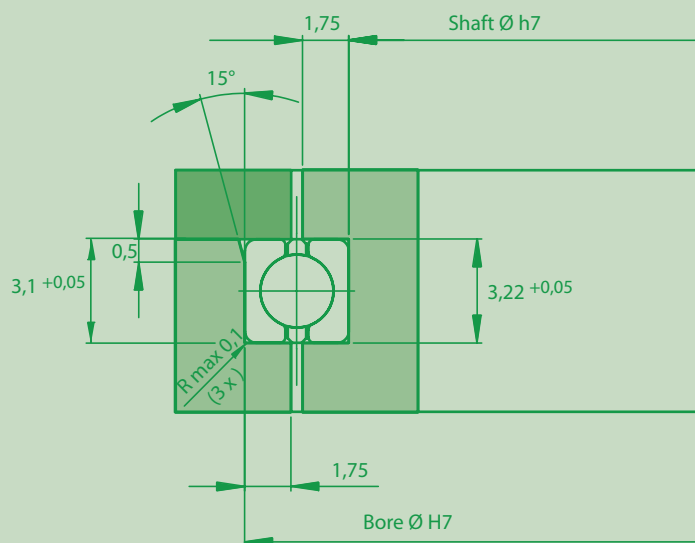


SLIM-SPLIT-BEARING

four point contact bearing

Fitted dimensions



Bearing dimensions

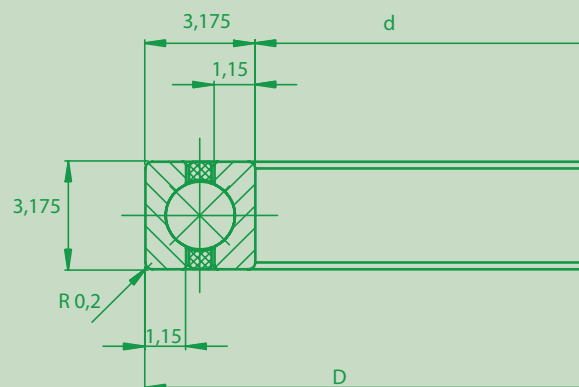


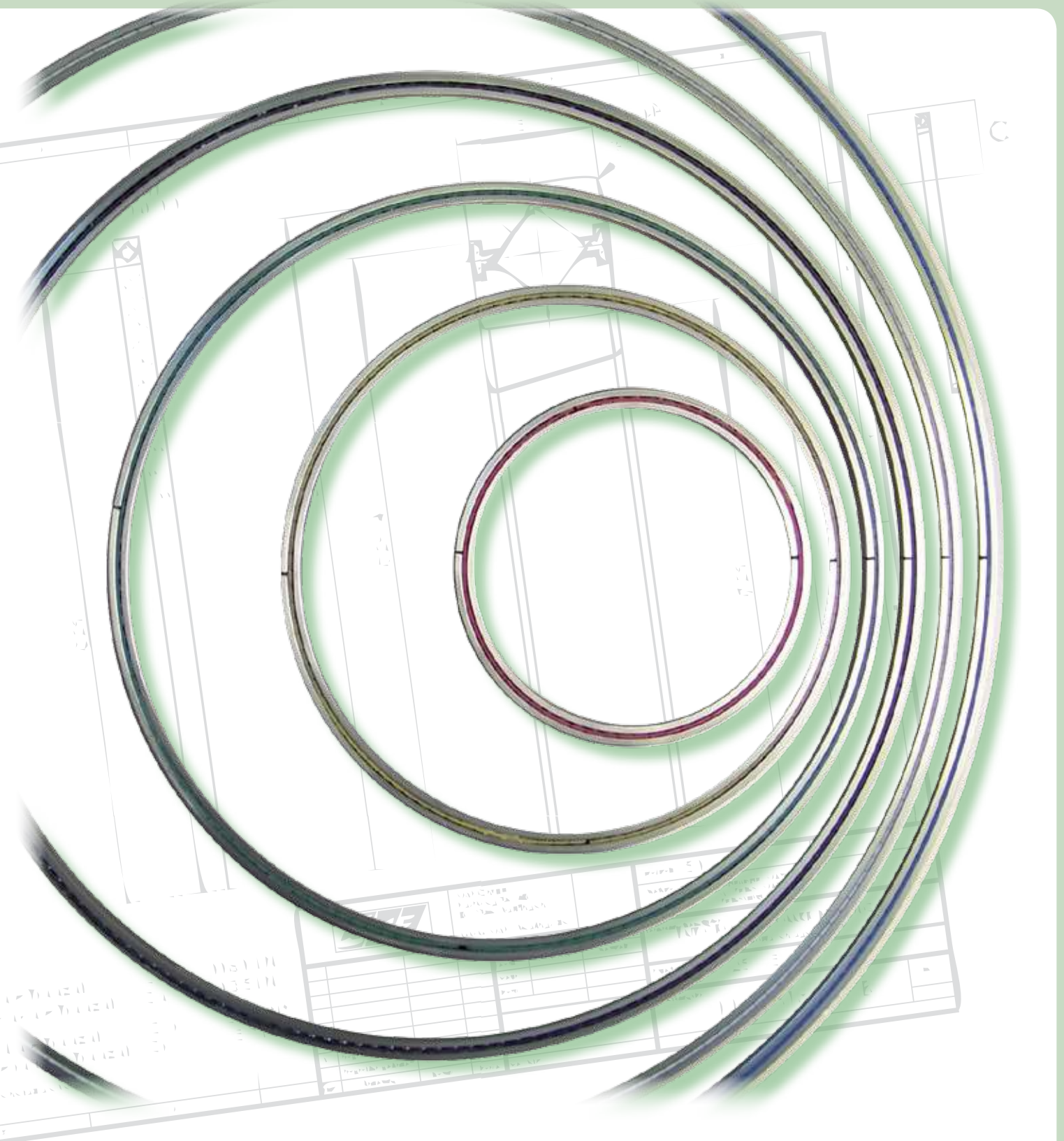
Table of dimensions (Type series PBXS)

KMF-type ¹⁾	Bearing dimension			Basic load ratings				Mass	Limiting speeds
				Axial		Radial			
	d		D	Dyn.	Stat.	Dyn.	Stat.		
				C _a	C _{oa}	C _r	C _{or}		
mm	inch	mm	kN	kN	kN	kN	kg	n _{G grease} min ⁻¹	
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	2 ½	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	3 ½	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	4 ¼	114,30	1,79	11,2	1,59	4,48	0,021	1410
PBXS 045	114,30	4 ½	120,65	1,83	11,8	1,65	4,75	0,022	1340
PBXS 047	120,65	4 ¾	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	5 ½	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	6 ½	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	7 ½	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	8 ½	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}
				C _a	C _{oa}	C _r	C _{or}		
mm	inch	mm	kN	kN	kN	kN	kg	min ⁻¹	
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

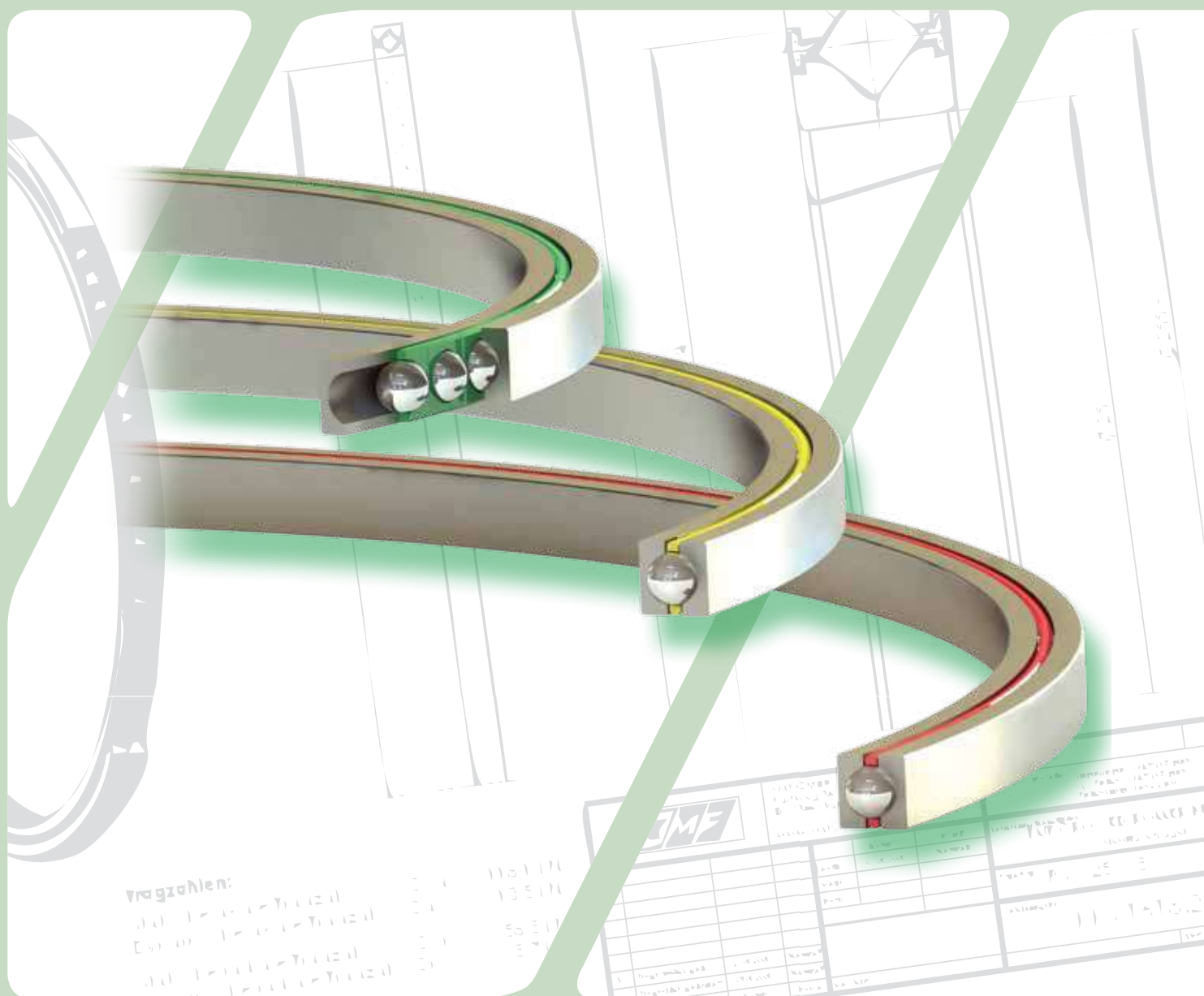
1) Other dimensions on request



Exclusively with KMF:

With the type series PBXS and PBXU we can offer our customer thin ring bearings with minimum bearing cross-cuts and large diameters.

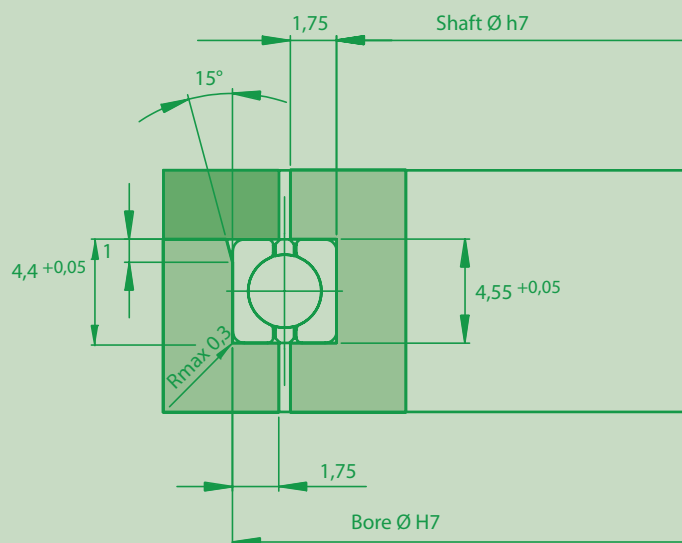
Thin ring bearing PBXU



SLIM-SPLIT-BEARING

four point contact bearing

Fitted dimensions



Bearing dimensions

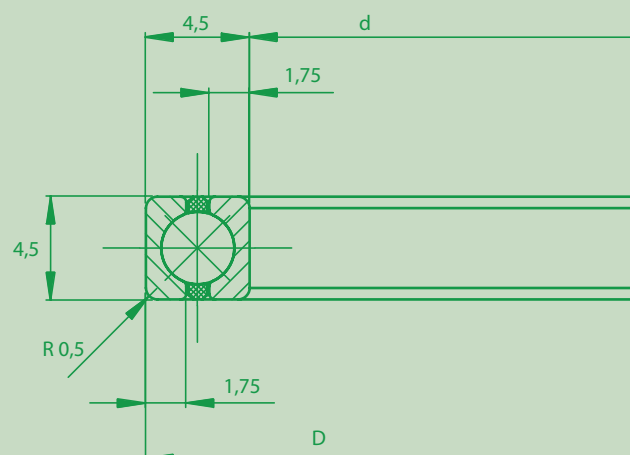


Table of dimensions (Type series PBXU)

KMF-type ¹⁾	Bearing dimension		Basic load ratings				Mass	Limiting speeds
	d	D	Axial		Radial			
			Dyn.	Stat.	Dyn.	Stat.		
			C _a	C _{oa}	C _r	C _{or}		n _{G grease}
	mm	mm	kN	kN	kN	kN	kg	min ⁻¹
PBXU 0035	35	44	2,50	6,6	2,28	2,65	0,014	4360
PBXU 0040	40	49	2,65	7,6	2,41	3,05	0,016	3820
PBXU 0045	45	54	2,80	8,6	2,50	3,45	0,018	3390
PBXU 0050	50	59	2,85	9,3	2,60	3,75	0,020	3050
PBXU 0055	55	64	2,90	10,3	2,70	4,10	0,022	2780
PBXU 0060	60	69	3,00	11,3	2,80	4,50	0,024	2550
PBXU 0065	65	74	3,10	12,0	2,85	4,80	0,025	2350
PBXU 0070	70	79	3,20	13,0	2,90	5,20	0,027	2180
PBXU 0075	75	84	3,30	14,0	3,00	5,60	0,029	2040
PBXU 0080	80	89	3,40	15,0	3,10	6,00	0,031	1910
PBXU 0085	85	94	3,45	15,7	3,10	6,30	0,033	1800
PBXU 0090	90	99	3,55	16,7	3,20	6,70	0,035	1700
PBXU 0095	95	104	3,60	17,7	3,25	7,10	0,037	1610
PBXU 0100	100	109	3,70	18,7	3,35	7,50	0,039	1530
PBXU 0110	110	119	3,80	20,4	3,45	8,20	0,043	1390
PBXU 0120	120	129	3,90	22,4	3,55	9,00	0,047	1270
PBXU 0130	130	139	4,00	24,1	3,65	9,60	0,051	1170
PBXU 0140	140	149	4,15	26,0	3,75	10,40	0,055	1090
PBXU 0150	150	159	4,25	28,0	3,85	11,10	0,059	1020



KMF-type ¹⁾	Bearing dimension		Basic load ratings				Mass	Limiting speeds
	d	D	Axial		Radial			
			Dyn.	Stat.	Dyn.	Stat.		
			C _a	C _{oa}	C _r	C _{or}		n _{G grease}
	mm	mm	kN	kN	kN	kN	kg	min ⁻¹
PBXU 0160	160	169	4,35	30,0	3,95	11,90	0,062	950
PBXU 0170	170	179	4,45	31,5	4,00	12,60	0,066	900
PBXU 0180	180	189	4,55	33,5	4,10	13,40	0,070	850
PBXU 0190	190	199	4,65	35,0	4,25	14,10	0,074	800
PBXU 0200	200	209	4,65	37,0	4,25	14,80	0,078	760
PBXU 0210	210	219	4,80	39,0	4,35	15,20	0,082	730
PBXU 0220	220	229	4,85	40,5	4,40	16,20	0,086	690
PBXU 0230	230	239	4,95	42,5	4,50	17,00	0,090	660
PBXU 0240	240	249	5,00	44,5	4,55	17,70	0,094	640
PBXU 0250	250	259	5,10	46,5	4,65	18,50	0,098	610
PBXU 0260	260	269	5,20	48,0	4,70	19,20	0,102	590
PBXU 0270	270	279	5,30	50,0	4,75	20,00	0,106	570
PBXU 0280	280	289	5,30	52,0	4,80	20,70	0,110	550
PBXU 0290	290	299	5,40	54,0	4,90	21,50	0,113	530
PBXU 0300	300	309	5,50	55,0	4,95	22,20	0,117	510
PBXU 0310	310	319	5,50	57,0	5,00	23,00	0,121	490
PBXU 0320	320	329	5,60	59,0	5,10	23,60	0,125	480
PBXU 0330	330	339	5,70	61,0	5,10	24,40	0,129	460
PBXU 0340	340	349	5,70	63,0	5,20	25,00	0,133	450
PBXU 0350	350	359	5,80	65,0	5,20	26,00	0,137	440
PBXU 0360	360	369	5,80	67,0	5,30	26,50	0,141	420
PBXU 0370	370	379	5,90	68,0	5,30	27,50	0,145	410
PBXU 0380	380	389	6,00	70,0	5,40	28,00	0,149	400
PBXU 0390	390	399	6,00	72,0	5,40	29,00	0,153	390
PBXU 0400	400	409	6,10	74,0	5,50	29,50	0,157	380
PBXU 0410	410	419	6,10	76,0	5,50	30,50	0,161	370
PBXU 0420	420	429	6,20	78,0	5,60	31,00	0,165	360
PBXU 0430	430	439	6,20	80,0	5,60	32,00	0,169	360
PBXU 0440	440	449	6,30	81,0	5,70	32,50	0,173	350
PBXU 0450	450	459	6,30	83,0	5,70	33,00	0,177	340
PBXU 0460	460	469	6,40	85,0	5,80	34,00	0,181	330
PBXU 0470	470	479	6,40	87,0	5,80	34,50	0,185	320
PBXU 0480	480	489	6,50	89,0	5,90	35,50	0,189	320

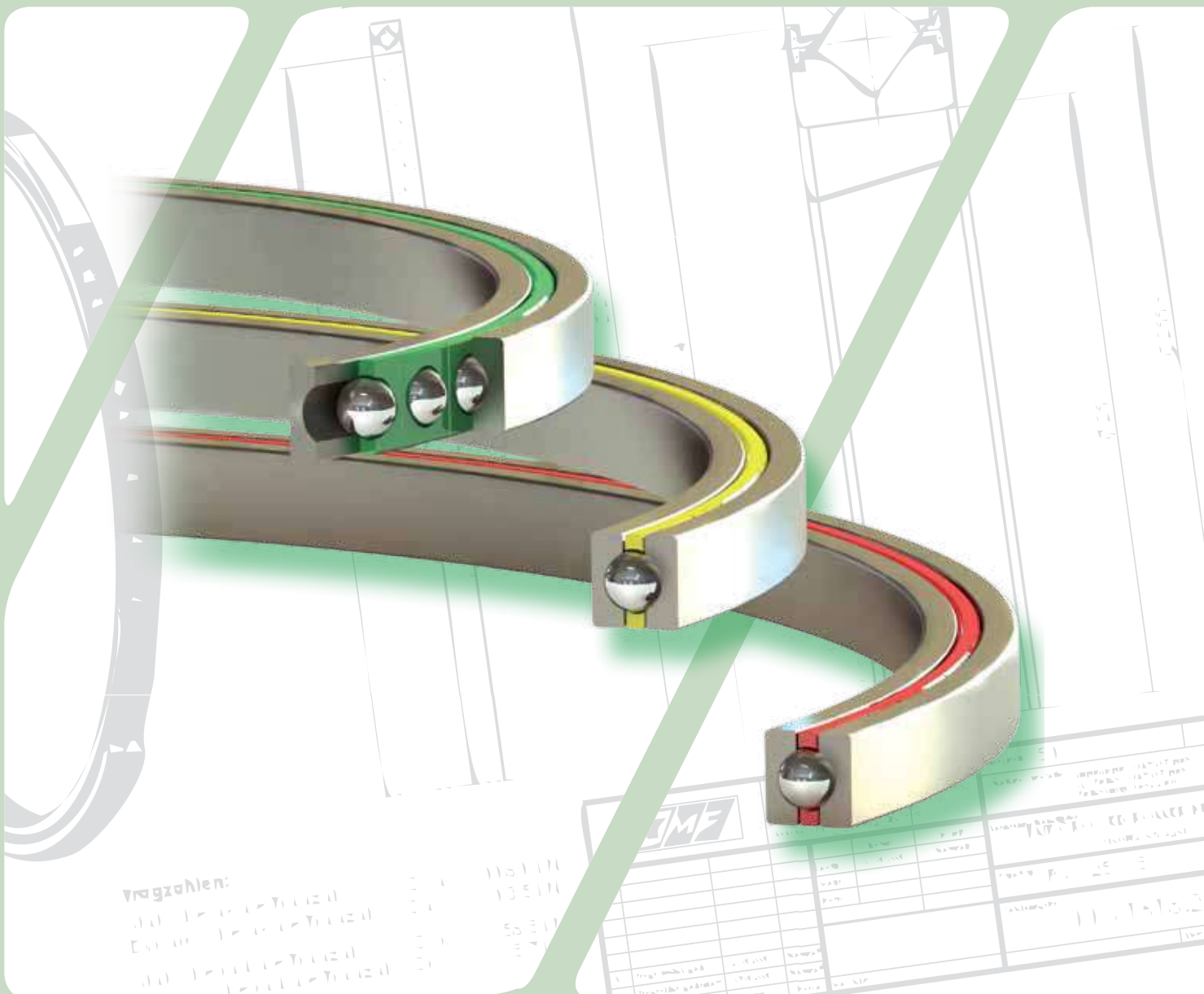
SLIM-SPLIT-BEARING

four point contact bearing

KMF-type ¹⁾	Bearing dimension		Basic load ratings				Mass	Limiting speeds
	d	D	Axial		Radial			
			Dyn.	Stat.	Dyn.	Stat.		
			C _a	C _{oa}	C _r	C _{or}		n _{G grease}
	mm	mm	kN	kN	kN	kN	kg	min ⁻¹
PBXU 0490	490	499	6,50	90,0	5,90	36,00	0,193	310
PBXU 0500	500	509	6,60	92,0	5,90	37,00	0,197	310
PBXU 0510	510	519	6,60	94,0	6,00	37,50	0,201	300
PBXU 0520	520	529	6,70	96,0	6,00	38,50	0,205	290
PBXU 0530	530	539	6,70	98,0	6,10	39,00	0,209	290
PBXU 0540	540	549	6,80	100,0	6,10	40,00	0,213	280
PBXU 0550	550	559	6,80	102,0	6,20	40,50	0,217	280
PBXU 0560	560	569	6,90	103,0	6,20	41,50	0,221	270
PBXU 0570	570	579	6,90	105,0	6,20	42,00	0,225	270
PBXU 0580	580	589	6,90	107,0	6,30	43,00	0,229	260
PBXU 0590	590	599	7,00	109,0	6,30	43,50	0,233	260
PBXU 0600	600	609	7,00	111,0	6,40	44,50	0,237	250
PBXU 0610	610	619	7,10	113,0	6,40	45,00	0,241	250
PBXU 0620	620	629	7,10	115,0	6,40	46,00	0,245	250
PBXU 0630	630	639	7,20	116,0	6,50	46,50	0,249	240
PBXU 0640	640	649	7,20	118,0	6,50	47,50	0,253	240
PBXU 0650	650	659	7,30	120,0	6,6	48,20	0,257	235
PBXU 0660	660	669	7,30	122,0	6,60	49,00	0,261	230
PBXU 0670	670	679	7,40	124,0	6,70	49,70	0,265	230
PBXU 0680	680	689	7,40	125,0	6,70	50,50	0,269	225
PBXU 0690	690	699	7,50	127,0	6,80	51,20	0,273	220
PBXU 0700	700	709	7,50	129,0	6,80	51,90	0,277	220
PBXU 0710	710	719	7,60	131,0	6,80	52,70	0,281	215
PBXU 0720	720	729	7,60	133,0	6,90	53,40	0,285	215
PBXU 0730	730	739	7,70	135,0	6,90	54,20	0,289	210
PBXU 0740	740	749	7,70	137,0	7,00	54,90	0,293	210
PBXU 0750	750	759	7,80	138,0	7,00	55,70	0,296	205
PBXU 0760	760	769	7,80	140,0	7,10	56,40	0,300	205
PBXU 0770	770	779	7,90	142,0	7,10	57,10	0,304	200
PBXU 0780	780	789	7,90	144,0	7,20	57,90	0,308	200
PBXU 0790	790	799	8,00	146,0	7,20	58,60	0,312	195
PBXU 0800	800	809	8,00	148,0	7,30	59,40	0,316	195

1) Other dimensions on request

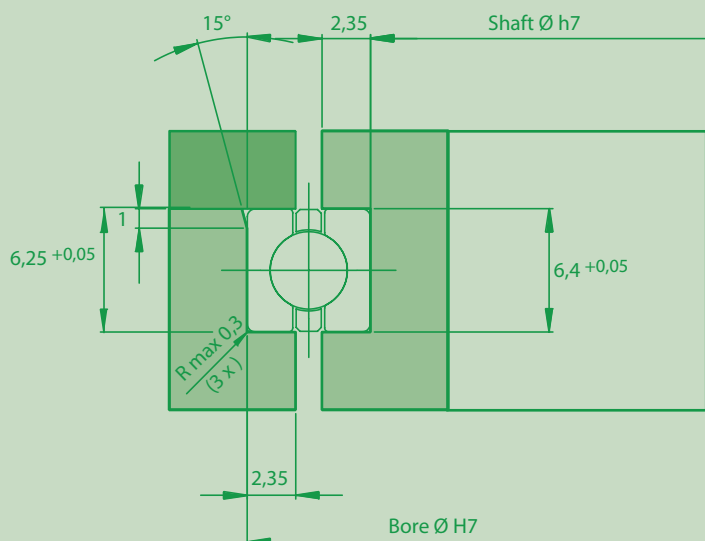
Thin ring bearing PBXA



SLIM-SPLIT-BEARING

four point contact bearing

Fitted dimensions



Bearing dimensions

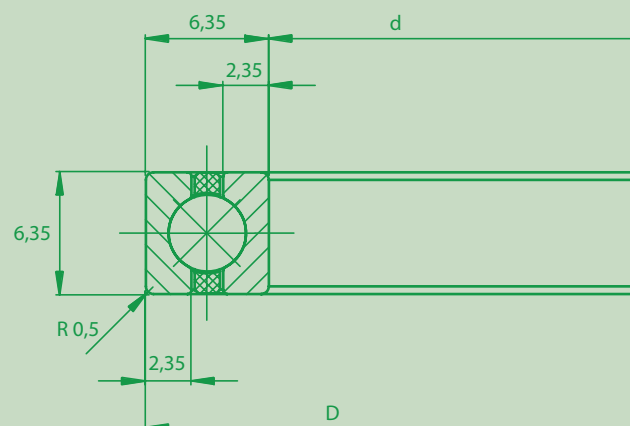


Table of dimensions (Type series PBXA)

KMF-type ¹⁾	Bearing dimension			Basic load ratings				Mass	Limiting speeds
				Axial		Radial			
	d		D	Dyn.	Stat.	Dyn.	Stat.		
				C _a	C _{oa}	C _r	C _{or}		
mm	inch	mm	kN	kN	kN	kN	kg	n _{G grease} min ⁻¹	
PBXA 020	50,80	2	63,50	3,75	11,0	3,40	4,4	0,04	3010
PBXA 025	63,50	2 ½	76,20	4,10	13,7	3,70	5,5	0,05	2400
PBXA 030	76,20	3	88,90	4,35	16,4	4,00	6,6	0,06	2000
PBXA 035	88,90	3 ½	101,60	4,60	19,2	4,20	7,7	0,07	1720
PBXA 040	101,60	4	114,30	4,85	21,9	4,40	8,8	0,08	1500
PBXA 042	107,95	4 ¼	120,65	4,95	23,1	4,50	9,2	0,09	1410
PBXA 045	114,30	4 ½	127,00	5,10	24,6	4,60	9,9	0,09	1340
PBXA 047	120,65	4 ¾	133,35	5,10	26,0	4,65	10,3	0,10	1270
PBXA 050	127,00	5	139,70	5,30	27,5	4,75	11,0	0,11	1200
PBXA 055	139,70	5 ½	152,40	5,50	30,0	4,95	12,0	0,11	1090
PBXA 060	152,40	6	165,10	5,60	32,5	5,10	13,0	0,12	1000
PBXA 065	165,10	6 ½	177,80	5,80	35,0	5,20	14,1	0,13	920
PBXA 070	177,80	7	190,50	5,90	38,0	5,40	15,2	0,14	860
PBXA 075	190,50	7 ½	203,20	6,10	40,5	5,50	16,3	0,15	800
PBXA 080	203,20	8	215,90	6,20	43,5	5,60	17,4	0,16	750
PBXA 085	215,90	8 ½	228,60	6,40	46,0	5,80	18,5	0,17	710
PBXA 090	228,60	9	241,30	6,50	49,0	5,90	19,6	0,18	670
PBXA 095	241,30	9 ½	254,00	6,60	52,0	6,00	20,7	0,19	630

