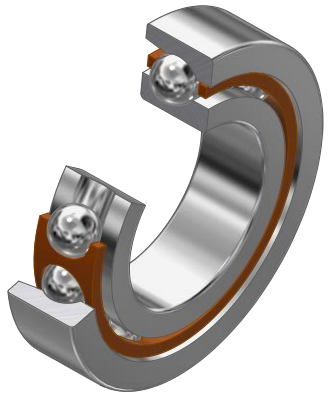
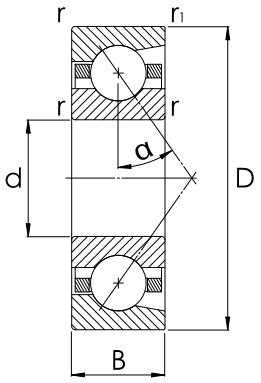
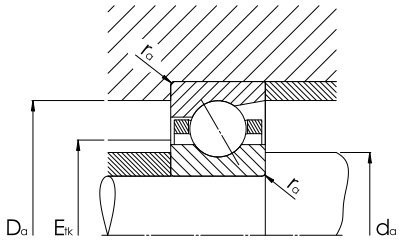
Universallager, Stahlkugeln, großkugelig







B719...-C-T-P4S-UL

Maßtabelle - Abmessungen in mm

Kurzzeichen	Gewicht	Abmessungen								Druckwinkel	Anschlussmaße	
	m	d	D	B	r	r_1	B_N	S_N	S_B	α	d_a	D_a
	≈ kg				min.	min.				°	h12	H12
B71900-C-T-P4S-UL	0,010	**10**	22	6	0,3	0,3	–	–	–	15	13,0	19,5
B71901-C-T-P4S-UL	0,011	**12**	24	6	0,3	0,3	–	–	–	15	15,0	21,5
B71902-C-T-P4S-UL	0,016	**15**	28	7	0,3	0,3	–	–	–	15	18,0	25,5
B71903-C-T-P4S-UL	0,018	**17**	30	7	0,3	0,3	–	–	–	15	20,0	27,5
B71904-C-T-P4S-UL	0,037	**20**	37	9	0,3	0,3	–	–	–	15	24,0	33,5
B71905-C-T-P4S-UL	0,043	**25**	42	9	0,3	0,3	–	–	–	15	29,0	38,5
B71906-C-T-P4S-UL	0,050	**30**	47	9	0,3	0,3	–	–	–	15	34,0	43,5
B71907-C-T-P4S-UL	0,077	**35**	55	10	0,6	0,6	–	–	–	15	40,0	51,5
B71908-C-T-P4S-UL	0,100	**40**	62	12	0,6	0,6	–	–	–	15	45,0	58,5
B71909-C-T-P4S-UL	0,117	**45**	68	12	0,6	0,6	–	–	–	15	50,0	63,5
B71910-C-T-P4S-UL	0,117	**50**	72	12	0,6	0,6	–	–	–	15	55,0	67,5
B71911-C-T-P4S-UL	0,174	**55**	80	13	1,0	1,0	–	–	–	15	60,0	75,5
B71912-C-T-P4S-UL	0,188	**60**	85	13	1,0	1,0	–	–	–	15	65,0	80,5
B71913-C-T-P4S-UL	0,200	**65**	90	13	1,0	1,0	–	–	–	15	70,0	85,5
B71914-C-T-P4S-UL	0,340	**70**	100	16	1,0	1,0	–	–	–	15	76,0	94,5
B71915-C-T-P4S-UL	0,359	**75**	105	16	1,0	1,0	–	–	–	15	81,0	99,5
B71916-C-T-P4S-UL	0,376	**80**	110	16	1,0	1,0	–	–	–	15	86,0	104,0
B71917-C-T-P4S-UL	0,533	**85**	120	18	1,1	1,1	–	–	–	15	92,0	114,0
B71918-C-T-P4S-UL	0,559	**90**	125	18	1,1	1,1	–	–	–	15	97,0	119,0
B71919-C-T-P4S-UL	0,583	**95**	130	18	1,1	1,1	–	–	–	15	102,0	124,0

Alle Varianten zu einer Type finden Sie im technischen Onlinedatenblatt unter der Tabkarte "Varianten".

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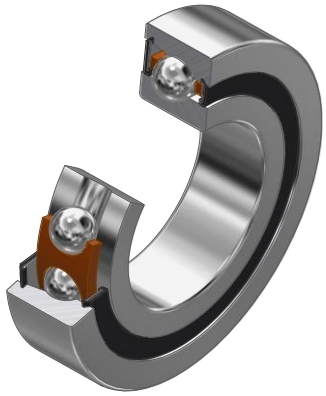

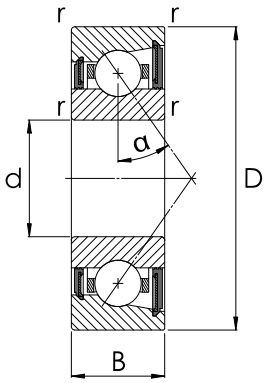

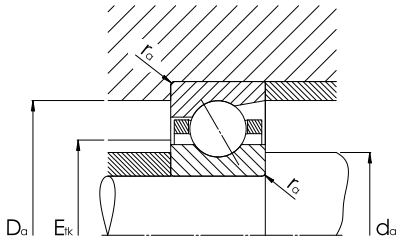

B719...-E-2RSD-T-P4S-UL

abgedichtet und befettet

			Tragzahlen		Grenzdrehzahlen		Vorspannkraft F_V			Abhebekraft K_{aE}			Axiale Steifigkeit c_a		
r_a	r_{a1}	E_{tk}	dyn. C_r	stat. C_{0r}	n_G Fett	n_G Öl	L	M	H	L	M	H	L	M	H
max.	max.	nom.	kN		min^{-1}		N			N			N/µm		
0,3	0,3	15,0	3,00	1,07	75.000	120.000	10	41	87	31	141	320	11,0	21,1	31,2
0,3	0,3	17,2	3,40	1,31	67.000	100.000	11	46	97	34	155	355	12,6	24,1	35,7
0,3	0,3	20,9	5,10	2,03	56.000	85.000	19	73	153	59	249	559	16,4	30,5	44,9
0,3	0,3	22,2	5,30	2,23	50.000	80.000	20	78	162	62	263	592	17,5	32,6	47,9
0,3	0,3	26,8	7,40	3,20	43.000	63.000	31	113	233	95	384	851	21,6	39,3	57,4
0,3	0,3	31,8	8,30	4,05	36.000	56.000	33	124	258	102	418	934	24,9	45,4	66,3
0,3	0,3	36,8	8,80	4,65	30.000	48.000	34	131	274	106	439	985	27,0	49,3	72,1
0,6	0,6	44,0	12,10	6,80	26.000	40.000	50	185	384	155	619	1.377	33,5	60,2	87,5
0,6	0,6	49,1	18,00	9,90	24.000	36.000	84	292	594	259	979	2.140	40,7	71,6	103,4
0,6	0,6	54,5	19,10	11,20	20.000	32.000	88	307	628	270	1.027	2.251	44,0	77,5	111,8
0,6	0,6	58,9	19,60	11,90	19.000	30.000	89	313	642	274	1.044	2.293	45,6	80,2	115,7
0,6	0,6	65,1	23,50	14,40	17.000	26.000	111	382	780	340	1.274	2.784	50,8	88,6	127,6
0,6	0,6	70,1	24,70	16,00	16.000	24.000	116	401	822	354	1.333	2.919	54,5	95,1	136,8
0,6	0,6	75,1	25,00	16,90	15.000	22.000	117	409	839	360	1.356	2.973	56,2	98,1	141,1
0,6	0,6	82,2	34,50	23,00	14.000	20.000	170	576	1.171	523	1.912	4.155	66,0	113,9	163,2
0,6	0,6	87,2	35,00	24,20	13.000	20.000	172	584	1.189	527	1.933	4.206	68,0	117,2	167,9
0,6	0,6	92,2	35,50	25,50	12.000	19.000	174	591	1.206	532	1.954	4.257	69,9	120,5	172,5
0,6	0,6	99,2	47,00	33,50	11.000	17.000	237	788	1.597	726	2.609	5.644	79,7	136,3	194,5
0,6	0,6	104,2	48,00	35,00	11.000	16.000	238	796	1.615	729	2.628	5.691	81,8	139,8	199,5
0,6	0,6	109,2	48,50	36,50	10.000	16.000	243	813	1.651	743	2.679	5.806	84,4	144,1	205,6

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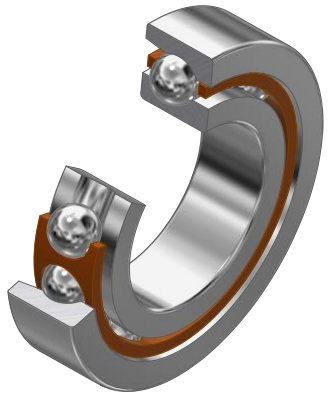

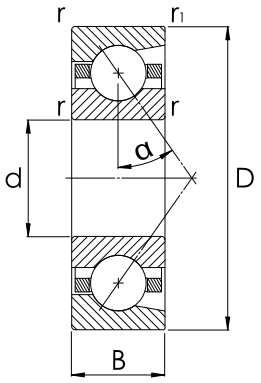

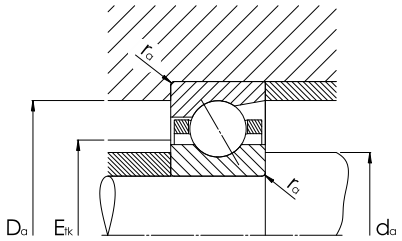

B719...-C-T-P4S-UL

Maßtabelle - Abmessungen in mm

Kurzzeichen	Gewicht	Abmessungen								Druckwinkel	Anschlussmaße	
	m	d	D	B	r	r_1	B_N	S_N	S_B	α	d_a	D_a
											h12	H12
	≈ kg				min.	min.				°		
B71920-C-T-P4S-UL	0,772	**100**	140	20	1,1	1,1	–	–	–	15	107,0	133,0
B71921-C-T-P4S-UL	0,803	**105**	145	20	1,1	1,1	–	–	–	15	112,0	138,0
B71922-C-T-P4S-UL	0,834	**110**	150	20	1,1	1,1	–	–	–	15	117,0	143,0
B71924-C-T-P4S-UL	1,160	**120**	165	22	1,1	1,1	–	–	–	15	128,0	157,0
B71926-C-T-P4S-UL	1,520	**130**	180	24	1,5	1,5	–	–	–	15	139,0	171,0
B71928-C-T-P4S-UL	1,620	**140**	190	24	1,5	1,5	–	–	–	15	149,0	181,0
B71930-C-T-P4S-UL	2,500	**150**	210	28	2,0	1,0	–	–	–	15	160,0	199,0
B71932-C-T-P4S-UL	2,630	**160**	220	28	2,0	1,0	–	–	–	15	170,0	209,0
B71934-C-T-P4S-UL	2,790	**170**	230	28	2,0	1,5	–	–	–	15	180,0	219,0
B71936-C-T-P4S-UL	4,140	**180**	250	33	2,0	1,0	–	–	–	15	192,0	238,0
B71938-C-T-P4S-UL	4,330	**190**	260	33	2,0	1,0	–	–	–	15	202,0	247,0
B71940-C-T-P4S-UL	6,050	**200**	280	38	2,1	1,1	–	–	–	15	214,0	266,0
B71944-C-T-P4S-UL	6,600	**220**	300	38	2,1	1,1	–	–	–	15	234,0	286,0
B71948-C-T-P4S-UL	7,100	**240**	320	38	2,1	1,1	–	–	–	15	254,0	307,0
B71952-C-T-P4S-UL	12,000	**260**	360	46	2,1	1,1	–	–	–	15	278,0	342,0
B71956-C-T-P4S-UL	12,900	**280**	380	46	2,1	1,1	–	–	–	15	298,0	362,0
B71960-C-T-P4S-UL	20,000	**300**	420	56	3,0	1,1	–	–	–	15	322,0	398,0

Alle Varianten zu einer Type finden Sie im technischen Onlinedatenblatt unter der Tabkarte "Varianten".

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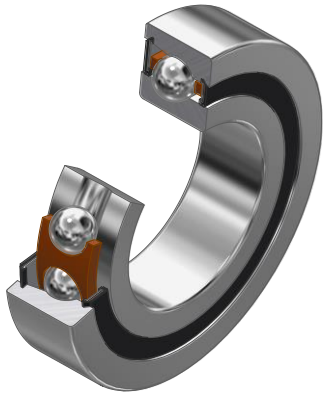

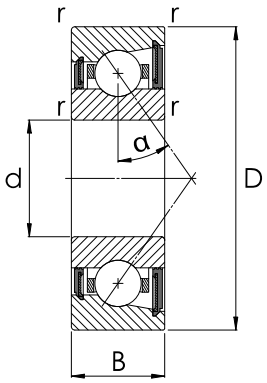

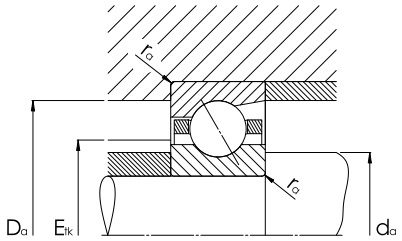

B719...-E-2RSD-T-P4S-UL

abgedichtet und befettet

			Tragzahlen		Grenzdrehzahlen		Vorspannkraft F_V			Abhebekraft K_{aE}			Axiale Steifigkeit c_a		
r_a	r_{a1}	E_{tk}	dyn. C_r	stat. C_{0r}	n_G Fett	n_G Öl	L	M	H	L	M	H	L	M	H
max.	max.	nom.	kN		min^{-1}		N			N			N/µm		
0,6	0,6	117,2	60	45	9.500	14.000	316	1.040	2.101	968	3.432	7.399	94,1	159,8	227,5
0,6	0,6	121,2	60	45	9.000	14.000	316	1.040	2.101	968	3.432	7.399	94,1	159,8	227,5
0,6	0,6	126,2	61	47	8.500	13.000	314	1.038	2.102	961	3.415	7.373	96,1	163,0	231,8
0,6	0,6	138,2	76	59	8.000	12.000	405	1.321	2.665	1.239	4.349	9.350	108,9	183,8	261,1
0,6	0,6	150,2	90	70	7.000	11.000	486	1.571	3.160	1.488	5.171	11.084	116,9	196,6	278,7
0,6	0,6	160,2	94	77	6.700	10.000	504	1.632	3.289	1.539	5.357	11.496	124,1	208,4	295,3
1,0	1,0	174,3	125	101	6.300	9.500	706	2.249	4.507	2.161	7.402	15.795	140,7	235,3	332,8
1,0	1,0	184,3	128	106	6.000	9.000	722	2.304	4.619	2.209	7.572	16.164	145,4	242,9	343,5
1,0	1,0	194,3	133	115	5.600	8.500	742	2.375	4.770	2.266	7.779	16.624	153,6	256,2	362,0
1,0	1,0	208,3	171	146	5.300	8.000	960	3.036	6.076	2.933	9.953	21.191	167,9	279,1	393,7
1,0	1,0	218,3	174	152	5.000	7.500	888	2.947	5.992	2.700	9.612	20.790	166,3	280,7	398,1
1,0	1,0	232,4	210	179	4.500	7.000	1.127	3.678	7.439	3.433	12.027	25.875	179,5	301,5	427,0
1,0	1,0	252,4	224	203	4.300	6.700	1.185	3.886	7.879	3.600	12.649	27.258	195,9	328,6	464,6
1,0	1,0	272,4	231	220	4.000	6.000	1.224	4.024	8.171	3.712	13.066	28.181	206,8	346,5	489,6
1,0	1,0	300,5	295	290	3.600	5.300	1.615	5.221	10.556	4.894	16.900	36.243	221,7	368,0	517,8
1,0	1,0	320,5	305	320	3.200	5.000	1.696	5.491	11.113	5.134	17.744	38.073	236,4	392,0	551,3
1,0	1,0	348,6	370	405	3.000	4.500	2.084	6.676	13.480	6.297	21.485	45.930	248,6	409,3	573,5

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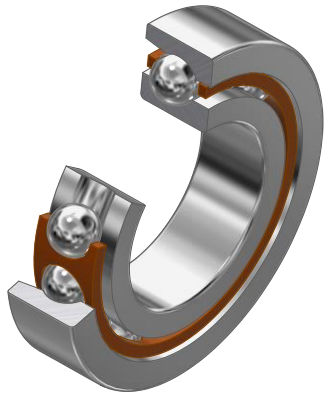

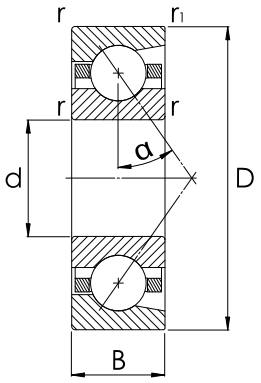

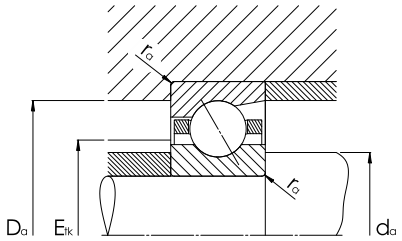

B719...-E-T-P4S-UL

Maßtabelle - Abmessungen in mm

Kurzzeichen	Gewicht	Abmessungen								Druckwinkel	Anschlussmaße	
	m	d	D	B	r	r_1	B_N	S_N	S_B	α	d_a	D_a
											h12	H12
	≈ kg				min.	min.				°		
B71900-E-T-P4S-UL	0,010	**10**	22	6	0,3	0,3	–	–	–	25	13,0	19,5
B71901-E-T-P4S-UL	0,011	**12**	24	6	0,3	0,3	–	–	–	25	15,0	21,5
B71902-E-T-P4S-UL	0,016	**15**	28	7	0,3	0,3	–	–	–	25	18,0	25,5
B71903-E-T-P4S-UL	0,018	**17**	30	7	0,3	0,3	–	–	–	25	20,0	27,5
B71904-E-T-P4S-UL	0,037	**20**	37	9	0,3	0,3	–	–	–	25	24,0	33,5
B71905-E-T-P4S-UL	0,043	**25**	42	9	0,3	0,3	–	–	–	25	29,0	38,5
B71906-E-T-P4S-UL	0,050	**30**	47	9	0,3	0,3	–	–	–	25	34,0	43,5
B71907-E-T-P4S-UL	0,077	**35**	55	10	0,6	0,6	–	–	–	25	40,0	51,5
B71908-E-T-P4S-UL	0,099	**40**	62	12	0,6	0,6	–	–	–	25	45,0	58,5
B71909-E-T-P4S-UL	0,116	**45**	68	12	0,6	0,6	–	–	–	25	50,0	63,5
B71910-E-T-P4S-UL	0,083	**50**	72	12	0,6	0,6	–	–	–	25	55,0	67,5
B71911-E-T-P4S-UL	0,173	**55**	80	13	1,0	1,0	–	–	–	25	60,0	75,5
B71912-E-T-P4S-UL	0,187	**60**	85	13	1,0	1,0	–	–	–	25	65,0	80,5
B71913-E-T-P4S-UL	0,199	**65**	90	13	1,0	1,0	–	–	–	25	70,0	85,5
B71914-E-T-P4S-UL	0,339	**70**	100	16	1,0	1,0	–	–	–	25	76,0	94,5
B71915-E-T-P4S-UL	0,358	**75**	105	16	1,0	1,0	–	–	–	25	81,0	99,5
B71916-E-T-P4S-UL	0,375	**80**	110	16	1,0	1,0	–	–	–	25	86,0	104,0

Alle Varianten zu einer Type finden Sie im technischen Onlinedatenblatt unter der Tabkarte "Varianten".

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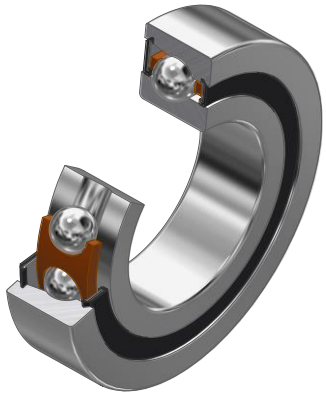
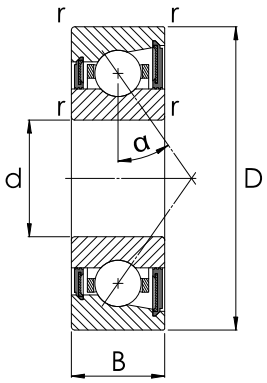
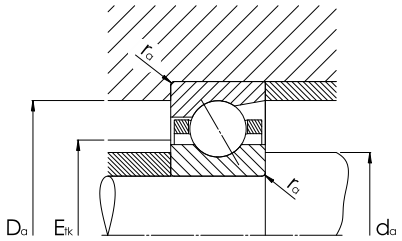


B719...-E-2RSD-T-P4S-UL



abgedichtet und befettet



			Tragzahlen		Grenzdrehzahlen		Vorspannkraft F_V			Abhebekraft K_{aE}			Axiale Steifigkeit c_a		
r_a	r_{a1}	E_{tk}	dyn. C_r	stat. C_{0r}	n_G Fett	n_G Öl	L	M	H	L	M	H	L	M	H
max.	max.	nom.	kN		min^{-1}		N			N			N/µm		
0,3	0,3	15,0	2,90	1,02	70.000	110.000	17	74	163	50	226	521	27,1	47,7	67,0
0,3	0,3	17,2	3,25	1,25	60.000	95.000	18	80	179	53	245	567	30,8	54,4	76,5
0,3	0,3	20,9	4,85	1,94	50.000	75.000	22	111	255	64	336	805	35,0	64,7	91,9
0,3	0,3	22,2	5,10	2,12	45.000	70.000	22	115	265	65	346	833	36,9	68,5	97,3
0,3	0,3	26,8	7,00	3,05	38.000	60.000	37	170	384	108	516	1.208	46,7	83,3	117,1
0,3	0,3	31,8	7,90	3,85	32.000	50.000	40	188	426	115	566	1.335	54,1	97,3	136,8
0,3	0,3	36,8	8,40	4,40	28.000	43.000	39	193	441	114	580	1.377	58,0	105,2	147,9
0,6	0,6	44,0	11,50	6,50	24.000	36.000	60	273	613	174	820	1.910	72,9	128,5	179,3
0,6	0,6	49,1	17,10	9,40	20.000	32.000	111	447	974	324	1.348	3.043	91,3	154,5	213,4
0,6	0,6	54,5	18,20	10,60	19.000	28.000	116	470	1.028	336	1.415	3.203	99,0	168,0	231,9
0,6	0,6	58,9	18,60	11,30	17.000	26.000	117	479	1.049	340	1.439	3.263	102,5	174,3	240,5
0,6	0,6	65,1	22,20	13,70	15.000	24.000	149	588	1.278	431	1.768	3.973	115,1	193,3	265,7
0,6	0,6	70,1	23,40	15,20	14.000	22.000	155	617	1.344	448	1.853	4.171	123,7	208,1	286,1
0,6	0,6	75,1	23,70	16,00	13.000	20.000	152	613	1.339	440	1.837	4.145	126,4	213,0	292,7
0,6	0,6	82,2	32,50	21,80	12.000	19.000	233	886	1.902	677	2.658	5.898	151,0	249,4	340,8
0,6	0,6	87,2	33,00	22,90	11.000	18.000	235	897	1.928	682	2.688	5.970	155,6	257,1	351,3
0,6	0,6	92,2	33,50	24,00	11.000	17.000	237	908	1.955	686	2.718	6.043	160,1	264,8	361,7

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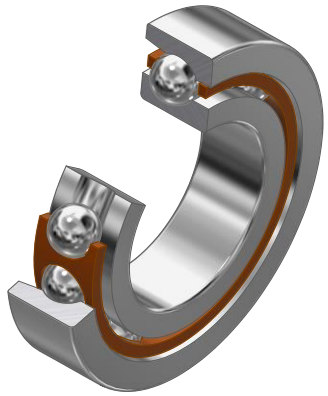

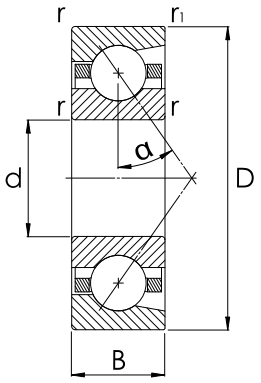

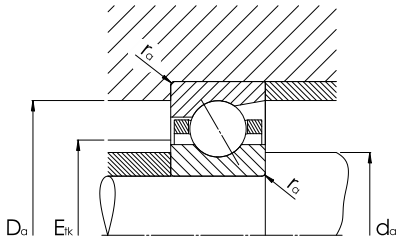

B719...-E-T-P4S-UL

Maßtabelle - Abmessungen in mm

Kurzzeichen	Gewicht	Abmessungen								Druckwinkel	Anschlussmaße	
	m	d	D	B	r	r_1	B_N	S_N	S_B	α	d_a	D_a
											h12	H12
	≈ kg				min.	min.				°		
B71917-E-T-P4S-UL	0,532	**85**	120	18	1,1	1,1	–	–	–	25	92,0	114,0
B71918-E-T-P4S-UL	0,557	**90**	125	18	1,1	1,1	–	–	–	25	97,0	119,0
B71919-E-T-P4S-UL	0,581	**95**	130	18	1,1	1,1	–	–	–	25	102,0	124,0
B71920-E-T-P4S-UL	0,769	**100**	140	20	1,1	1,1	–	–	–	25	107,0	133,0
B71921-E-T-P4S-UL	0,800	**105**	145	20	1,1	1,1	–	–	–	25	112,0	138,0
B71922-E-T-P4S-UL	0,832	**110**	150	20	1,1	1,1	–	–	–	25	117,0	143,0
B71924-E-T-P4S-UL	1,160	**120**	165	22	1,1	1,1	–	–	–	25	128,0	157,0
B71926-E-T-P4S-UL	1,510	**130**	180	24	1,5	1,5	–	–	–	25	139,0	171,0
B71928-E-T-P4S-UL	1,610	**140**	190	24	1,5	1,5	–	–	–	25	149,0	181,0
B71930-E-T-P4S-UL	2,500	**150**	210	28	2,0	1,0	–	–	–	25	160,0	199,0
B71932-E-T-P4S-UL	2,620	**160**	220	28	2,0	1,0	–	–	–	25	170,0	209,0
B71934-E-T-P4S-UL	2,780	**170**	230	28	2,0	1,5	–	–	–	25	180,0	219,0
B71936-E-T-P4S-UL	4,120	**180**	250	33	2,0	1,0	–	–	–	25	192,0	238,0
B71938-E-T-P4S-UL	4,310	**190**	260	33	2,0	1,0	–	–	–	25	202,0	247,0
B71940-E-T-P4S-UL	6,030	**200**	280	38	2,1	1,1	–	–	–	25	214,0	266,0
B71944-E-T-P4S-UL	6,580	**220**	300	38	2,1	1,1	–	–	–	25	234,0	286,0
B71948-E-T-P4S-UL	7,080	**240**	320	38	2,1	1,1	–	–	–	25	254,0	307,0

Alle Varianten zu einer Type finden Sie im technischen Onlinedatenblatt unter der Tabkarte "Varianten".

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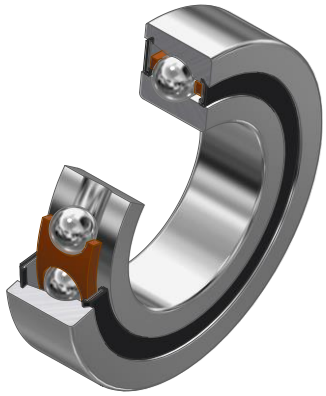

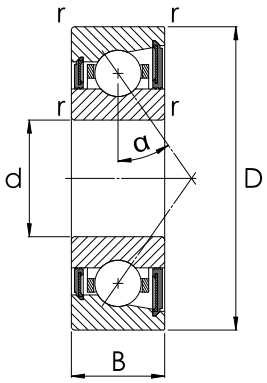

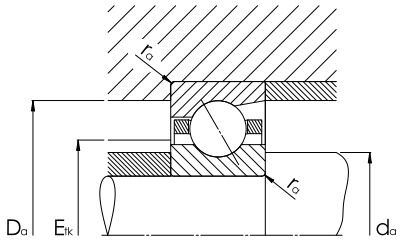

B719...-E-2RSD-T-P4S-UL

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			Tragzahlen		Grenzdrehzahlen		Vorspannkraft F_V			Abhebekraft K_{aE}			Axiale Steifigkeit c_a		
r_a	r_{a1}	E_{tk}	dyn. C_r	stat. C_{0r}	n_G Fett	n_G Öl	L	M	H	L	M	H	L	M	H
max.	max.	nom.	kN		min^{-1}		N			N			N/µm		
0,6	0,6	99,2	44,5	31,5	10.000	15.000	333	1.226	2.609	968	3.675	8.074	184,3	300,5	408,8
0,6	0,6	104,2	45,0	33,0	9.500	15.000	334	1.236	2.634	970	3.701	8.140	189,4	309,0	420,3
0,6	0,6	109,2	46,0	34,5	9.000	14.000	341	1.262	2.693	988	3.777	3.313	195,5	319,1	433,9
0,6	0,6	117,2	57,0	42,5	8.500	13.000	450	1.616	3.417	1.305	4.839	10.556	218,7	353,4	478,9
0,6	0,6	121,2	57,0	42,5	8.000	13.000	450	1.616	3.417	1.305	4.839	10.556	218,7	353,4	478,9
0,6	0,6	126,2	58,0	44,5	8.000	12.000	455	1.642	3.475	1.321	4.913	10.722	225,3	364,1	493,4
0,6	0,6	138,2	72,0	56,0	7.000	11.000	587	2.073	4.361	1.705	6.203	13.450	255,1	409,3	553,1
0,6	0,6	150,2	85,0	67,0	6.700	10.000	711	2.466	5.161	2.064	7.379	15.916	274,5	437,6	590,2
0,6	0,6	160,2	88,0	72,0	6.000	9.500	736	2.564	5.373	2.136	7.663	16.542	292,0	465,7	627,7
1,0	1,0	174,3	119,0	95,0	5.600	8.500	1.040	3.522	7.317	3.021	10.536	22.549	331,3	523,5	703,6
1,0	1,0	184,3	121,0	100,0	5.300	8.000	1.055	3.579	7.439	3.062	10.696	22.899	341,4	539,4	724,8
1,0	1,0	194,3	126,0	108,0	5.000	7.500	1.105	3.757	7.816	3.206	11.221	24.031	364,1	575,2	772,6
1,0	1,0	208,3	162,0	138,0	4.500	7.000	1.468	4.890	10.108	4.263	14.618	31.112	401,6	630,3	845,0
1,0	1,0	218,3	164,0	144,0	4.500	6.700	1.250	4.547	9.653	3.619	13.545	29.595	388,3	627,0	847,4
1,0	1,0	232,4	199,0	170,0	4.000	6.300	1.635	5.765	12.127	4.737	17.199	37.246	422,5	675,8	911,0
1,0	1,0	252,4	212,0	192,0	3.800	6.000	1.705	6.060	12.777	4.937	18.042	39.132	461,4	738,5	994,8
1,0	1,0	272,4	218,0	208,0	3.600	5.300	1.760	6.279	13.255	5.092	18.673	40.536	487,7	781,1	1.051,8