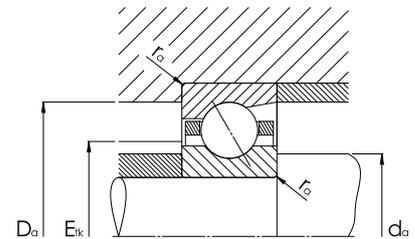
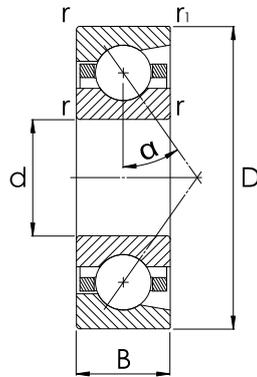
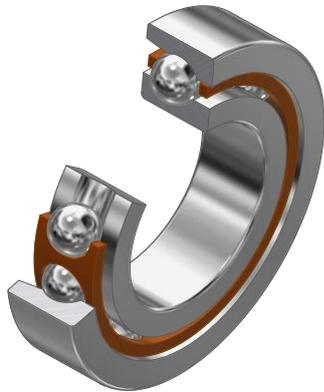


Universallager, Stahlkugeln, großkugelig



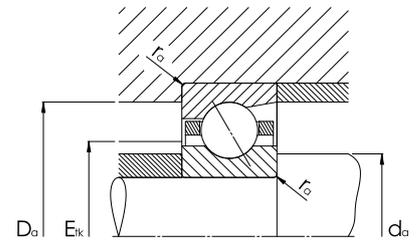
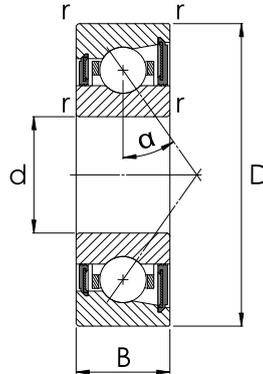
B70...-C-T-P4S-UL

Maßtabelle - Abmessungen in mm

Kurzeichen	Gewicht m ≈ kg	Abmessungen										Druckwinkel α °	Anschlussmaße	
		d	D	B	r	r ₁	B _N	S _N	S _B	d _α h12	D _α H12			
					min.	min.								
B7000-C-T-P4S-UL	0,020	10	26	8	0,3	0,3	-	-	-	15	14,0	22,0		
B7001-C-T-P4S-UL	0,023	12	28	8	0,3	0,3	-	-	-	15	16,5	24,5		
B7002-C-T-P4S-UL	0,030	15	32	9	0,3	0,3	-	-	-	15	19,0	29,0		
B7003-C-T-P4S-UL	0,039	17	35	10	0,3	0,3	-	-	-	15	21,0	32,0		
B7004-C-T-P4S-UL	0,067	20	42	12	0,6	0,6	-	-	-	15	25,0	37,0		
B7005-C-T-P4S-UL	0,071	25	47	12	0,6	0,6	-	-	-	15	30,0	42,0		
B7006-C-T-P4S-UL	0,108	30	55	13	1,0	1,0	-	-	-	15	36,0	49,0		
B7007-C-T-P4S-UL	0,153	35	62	14	1,0	1,0	-	-	-	15	41,0	56,0		
B7008-C-T-P4S-UL	0,188	40	68	15	1,0	1,0	-	-	-	15	46,0	62,0		
B7009-C-T-P4S-UL	0,238	45	75	16	1,0	1,0	-	-	-	15	51,0	69,0		
B7010-C-T-P4S-UL	0,257	50	80	16	1,0	1,0	-	-	-	15	56,0	74,0		
B7011-C-T-P4S-UL	0,377	55	90	18	1,1	1,1	-	-	-	15	62,0	83,0		
B7012-C-T-P4S-UL	0,401	60	95	18	1,1	1,1	-	-	-	15	67,0	88,0		
B7013-C-T-P4S-UL	0,426	65	100	18	1,1	1,1	-	-	-	15	72,0	93,0		
B7014-C-T-P4S-UL	0,577	70	110	20	1,1	1,1	-	-	-	15	77,0	102,0		
B7015-C-T-P4S-UL	0,608	75	115	20	1,1	1,1	-	-	-	15	82,0	107,0		
B7016-C-T-P4S-UL	0,836	80	125	22	1,1	1,1	-	-	-	15	88,0	117,0		

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

Spindellager, Stahlkugeln, großkugelig

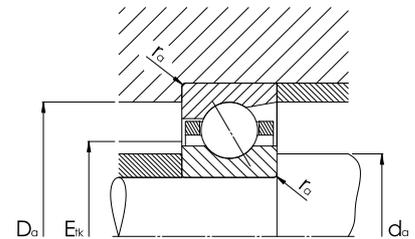
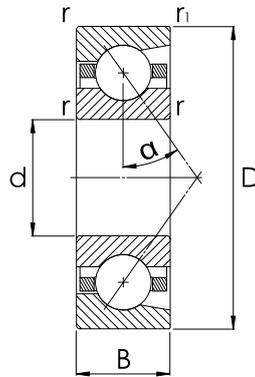


B70...-E-2RSD-T-P4S-UL

abgedichtet und befettet

			Tragzahlen		Grenzdrehzahlen		Vorspannkraft F_v			Abhebekraft K_{aE}			Axiale Steifigkeit c_a		
r_a	r_{a1}	E_{ik}	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	0,1	16,4	4,10	1,47	67.000	100.000	18	65	136	54	220	490	12,7	23,0	33,5
0,3	0,1	18,6	4,65	1,83	60.000	90.000	19	73	152	59	242	543	14,6	26,5	38,7
0,3	0,1	22,3	6,10	2,41	53.000	80.000	27	99	204	84	332	733	16,6	29,7	43,0
0,3	0,1	24,1	8,60	3,50	45.000	70.000	40	142	291	124	474	1.042	21,1	37,1	53,6
0,6	0,3	28,8	10,30	4,25	38.000	60.000	51	175	356	157	586	1.276	22,6	39,4	56,8
0,6	0,3	33,5	14,30	6,50	34.000	50.000	74	249	507	226	831	1.807	29,6	51,2	73,5
1,0	0,3	40,4	15,40	7,30	28.000	43.000	74	252	511	228	848	1.844	32,4	56,7	81,8
1,0	0,3	45,6	19,00	9,60	24.000	38.000	96	324	656	296	1.087	2.357	38,3	66,6	95,8
1,0	0,3	50,8	20,90	11,20	22.000	34.000	101	344	698	312	1.157	2.515	43,2	75,6	108,9
1,0	0,3	56,2	28,00	14,90	19.000	30.000	144	476	958	445	1.606	3.461	49,8	86,3	123,9
1,0	0,3	61,2	29,00	16,10	18.000	28.000	148	493	994	459	1.659	3.579	52,3	90,5	129,9
1,0	0,6	68,1	38,50	22,10	16.000	24.000	205	670	1.344	635	2.253	4.837	61,4	105,5	151,1
1,0	0,6	73,1	40,00	23,80	15.000	22.000	209	687	1.381	647	2.304	4.952	64,0	109,9	157,4
1,0	0,6	78,1	41,50	25,50	14.000	22.000	214	704	1.417	660	2.354	5.068	66,7	114,4	163,6
1,0	0,6	85,0	50,00	30,50	13.000	20.000	276	894	1.790	853	2.995	6.414	73,5	125,4	179,1
1,0	0,6	90,0	52,00	32,50	12.000	19.000	280	911	1.827	865	3.043	6.525	76,3	130,1	185,7
1,0	0,6	96,8	64,00	41,00	11.000	17.000	354	1.138	2.277	1.091	3.797	8.119	85,7	145,4	207,2

Spindellager, Stahlkugeln, großkugelig



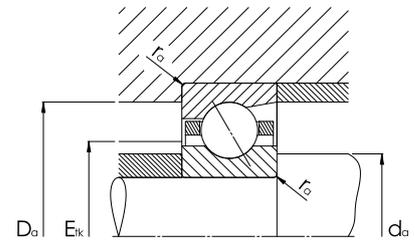
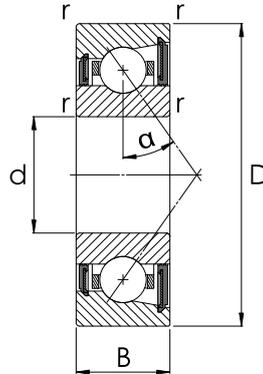
B70...-C-T-P4S-UL

Maßtabelle - Abmessungen in mm

Kurzeichen	Gewicht m ≈ kg	Abmessungen										Druckwinkel α °	Anschlussmaße	
		d	D	B	r	r ₁	B _N	S _N	S _B	d _α h12	D _α H12			
		min.		min.		min.		min.		min.				
B7017-C-T-P4S-UL	0,878	85	130	22	1,1	1,1	-	-	-	15	93,0	122,0		
B7018-C-T-P4S-UL	1,130	90	140	24	1,5	1,5	-	-	-	15	100,0	131,0		
B7019-C-T-P4S-UL	1,190	95	145	24	1,5	1,5	-	-	-	15	105,0	136,0		
B7020-C-T-P4S-UL	1,240	100	150	24	1,5	1,5	-	-	-	15	110,0	141,0		
B7022-C-T-P4S-UL	1,950	110	170	28	2,0	2,0	-	-	-	15	121,0	159,0		
B7024-C-T-P4S-UL	2,080	120	180	28	2,0	2,0	-	-	-	15	131,0	169,0		
B7026-C-T-P4S-UL	3,160	130	200	33	2,0	2,0	-	-	-	15	142,0	189,0		
B7028-C-T-P4S-UL	3,350	140	210	33	2,0	2,0	-	-	-	15	152,0	199,0		
B7030-C-T-P4S-UL	4,040	150	225	35	2,1	2,1	-	-	-	15	163,0	213,0		
B7032-C-T-P4S-UL	5,040	160	240	38	2,1	2,1	-	-	-	15	174,0	228,0		
B7034-C-T-P4S-UL	6,520	170	260	42	2,1	2,1	-	-	-	15	185,0	246,0		
B7036-C-T-P4S-UL	8,790	180	280	46	2,1	2,1	-	-	-	15	196,0	264,0		
B7038-C-T-P4S-UL	9,200	190	290	46	2,1	2,1	-	-	-	15	206,0	274,0		
B7040-C-T-P4S-UL	11,600	200	310	51	2,1	2,1	-	-	-	15	217,0	293,0		
B7044-C-T-P4S-UL	15,700	220	340	56	3,0	3,0	-	-	-	15	239,0	321,0		
B7048-C-T-P4S-UL	16,800	240	360	56	3,0	3,0	-	-	-	15	260,0	341,0		

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

Spindellager, Stahlkugeln, großkugelig

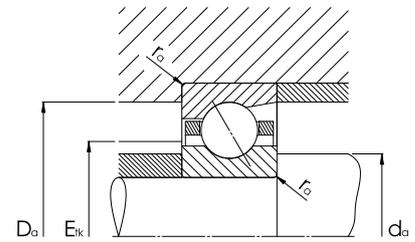
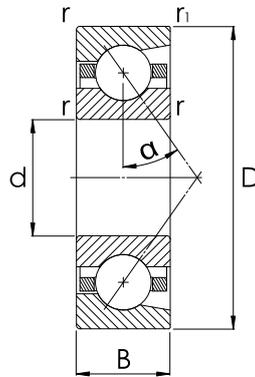
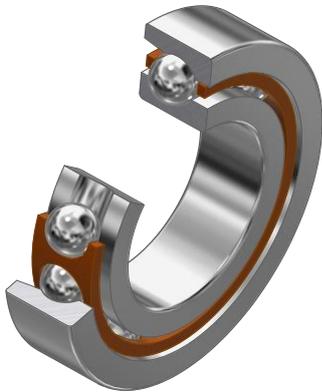


B70...-E-2RSD-T-P4S-UL

abgedichtet und befettet

			Tragzahlen		Grenzdrehzahlen		Vorspannkraft F_v			Abhebekraft K_{aE}			Axiale Steifigkeit c_a		
r_a	r_{a1}	E_{ik}	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		
1,0	0,6	101,8	66,0	43,5	11.000	16.000	367	1.183	2.368	1.132	3.942	8.434	89,7	152,1	216,7
1,5	0,6	108,6	78,0	51,0	10.000	15.000	437	1.395	2.785	1.347	4.651	9.920	95,2	161,0	229,1
1,5	0,6	113,6	81,0	54,0	9.500	15.000	444	1.421	2.842	1.367	4.726	10.091	98,8	166,8	237,2
1,5	0,6	118,6	83,0	57,0	9.000	14.000	464	1.484	2.970	1.427	4.935	10.539	103,5	174,8	248,4
2,0	1,0	133,3	112,0	77,0	8.000	12.000	643	2.033	4.052	1.981	6.757	14.370	118,8	199,6	283,1
2,0	1,0	143,3	115,0	82,0	7.500	12.000	653	2.069	4.129	2.008	6.858	14.599	123,0	206,4	292,6
2,0	1,0	157,2	149,0	107,0	6.700	10.000	850	2.669	5.314	2.616	8.846	18.773	137,0	228,8	323,9
2,0	1,0	167,2	153,0	114,0	6.300	10.000	866	2.724	5.429	2.661	9.007	19.129	142,0	237,0	335,2
2,1	1,0	178,5	187,0	137,0	6.000	9.000	1.104	3.443	6.843	3.394	11.397	24.140	156,1	259,9	367,4
2,0	1,0	191,0	192,0	146,0	5.600	8.500	1.145	3.574	7.107	3.520	11.821	25.044	163,1	271,4	383,6
2,0	1,0	203,8	241,0	189,0	5.300	8.000	1.448	4.488	8.919	4.439	14.768	31.222	170,7	282,0	397,2
2,0	1,0	218,8	248,0	203,0	4.800	7.500	1.502	4.659	9.263	4.601	15.309	32.375	178,8	295,3	415,7
2,0	1,0	228,8	255,0	215,0	4.500	7.000	1.436	4.599	9.248	4.377	15.038	32.154	180,9	301,6	425,8
2,0	1,0	241,5	310,0	270,0	4.300	6.700	1.791	5.681	11.402	5.451	18.508	39.448	192,3	318,4	448,2
2,5	1,0	266,5	330,0	310,0	4.000	6.000	1.902	6.047	12.156	5.777	19.638	41.892	209,8	346,8	487,5
2,5	1,0	286,5	340,0	330,0	3.600	5.600	1.957	6.231	12.533	5.940	20.205	43.114	218,5	360,9	507,2

Spindellager, Stahlkugeln, großkugelig



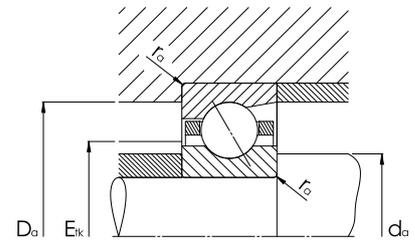
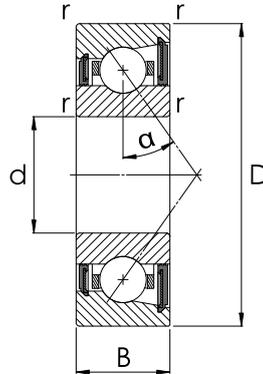
B70...-E-T-P4S-UL

Maßtabelle - Abmessungen in mm

Kurzzzeichen	Gewicht m ≈ kg	Abmessungen										Druckwinkel α °	Anschlussmaße	
		d	D	B	r	r ₁	B _N	S _N	S _B	d _α h12	D _α H12			
		min.		min.										
B7000-E-T-P4S-UL	0,020	10	26	8	0,3	0,3	-	-	-	25	14,0	22,0		
B7001-E-T-P4S-UL	0,023	12	28	8	0,3	0,3	-	-	-	25	16,5	24,5		
B7002-E-T-P4S-UL	0,030	15	32	9	0,3	0,3	-	-	-	25	19,0	29,0		
B7003-E-T-P4S-UL	0,038	17	35	10	0,3	0,3	-	-	-	25	21,0	32,0		
B7004-E-T-P4S-UL	0,067	20	42	12	0,6	0,6	-	-	-	25	25,0	37,0		
B7005-E-T-P4S-UL	0,070	25	47	12	0,6	0,6	-	-	-	25	30,0	42,0		
B7006-E-T-P4S-UL	0,108	30	55	13	1,0	1,0	-	-	-	25	36,0	49,0		
B7007-E-T-P4S-UL	0,152	35	62	14	1,0	1,0	-	-	-	25	41,0	56,0		
B7008-E-T-P4S-UL	0,188	40	68	15	1,0	1,0	-	-	-	25	46,0	62,0		
B7009-E-T-P4S-UL	0,237	45	75	16	1,0	1,0	-	-	-	25	51,0	69,0		
B7010-E-T-P4S-UL	0,256	50	80	16	1,0	1,0	-	-	-	25	56,0	74,0		
B7011-E-T-P4S-UL	0,376	55	90	18	1,1	1,1	-	-	-	25	62,0	83,0		
B7012-E-T-P4S-UL	0,400	60	95	18	1,1	1,1	-	-	-	25	67,0	88,0		
B7013-E-T-P4S-UL	0,425	65	100	18	1,1	1,1	-	-	-	25	72,0	93,0		
B7014-E-T-P4S-UL	0,575	70	110	20	1,1	1,1	-	-	-	25	77,0	102,0		
B7015-E-T-P4S-UL	0,606	75	115	20	1,1	1,1	-	-	-	25	82,0	107,0		
B7016-E-T-P4S-UL	0,833	80	125	22	1,1	1,1	-	-	-	25	88,0	117,0		

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

Spindellager, Stahlkugeln, großkugelig

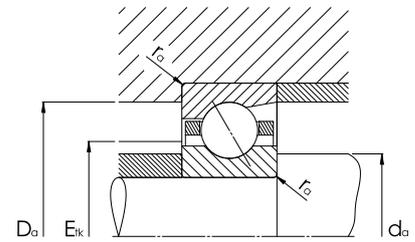
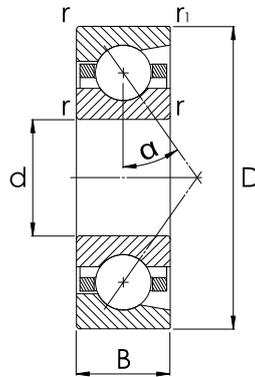


B70...-E-2RSD-T-P4S-UL

abgedichtet und befettet

			Tragzahlen		Grenzdrehzahlen		Vorspannkraft F_v			Abhebekraft K_{GE}			Axiale Steifigkeit c_a		
r_a	r_{a1}	E_{ik}	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			$\text{N}/\mu\text{m}$		
0,3	0,1	16,4	3,95	1,41	60.000	95.000	21	99	223	61	298	698	27,6	49,2	69,1
0,3	0,1	18,6	4,45	1,75	53.000	85.000	23	109	248	66	328	775	31,8	57,2	80,3
0,3	0,1	22,3	5,90	2,31	45.000	70.000	36	154	341	104	464	1.066	37,2	64,6	89,8
0,3	0,1	24,1	8,20	3,35	43.000	63.000	54	220	483	156	663	1.504	47,6	81,0	111,9
0,6	0,3	28,8	9,80	4,05	34.000	53.000	71	275	595	205	829	1.857	51,6	86,3	118,7
0,6	0,3	33,5	13,60	6,20	30.000	45.000	100	383	823	290	1.150	2.560	67,2	111,5	152,7
1,0	0,3	40,4	14,60	7,00	24.000	38.000	101	394	850	294	1.188	2.661	73,5	123,2	169,7
1,0	0,3	45,6	18,10	9,20	22.000	34.000	135	514	1.102	394	1.551	3.446	87,9	145,9	200,3
1,0	0,3	50,8	19,90	10,60	20.000	30.000	141	543	1.170	410	1.640	3.663	98,6	164,8	226,8
1,0	0,3	56,2	26,50	14,20	17.000	26.000	208	763	1.622	606	2.308	5.082	115,0	188,9	258,7
1,0	0,3	61,2	27,50	15,30	16.000	24.000	209	774	1.648	610	2.336	5.151	119,8	197,0	269,6
1,0	0,6	68,1	37,00	21,00	14.000	22.000	296	1.059	2.234	862	3.197	6.983	141,7	230,3	314,0
1,0	0,6	73,1	38,00	22,60	13.000	20.000	297	1.069	2.259	864	3.221	7.045	147,1	239,2	326,0
1,0	0,6	78,1	39,00	24,10	13.000	19.000	308	1.111	2.350	896	3.347	7.323	154,3	251,0	341,9
1,0	0,6	85,0	48,00	29,00	11.000	18.000	395	1.388	2.915	1.149	4.183	9.083	169,2	272,8	370,6
1,0	0,6	90,0	49,50	31,00	11.000	17.000	405	1.430	3.005	1.180	4.305	9.353	176,8	285,2	387,2
1,0	0,6	96,8	61,00	39,00	10.000	15.000	525	1.816	3.796	1.528	5.469	11.813	200,6	321,3	435,3

Spindellager, Stahlkugeln, großkugelig



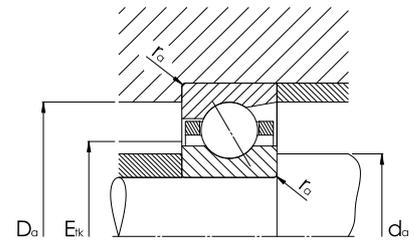
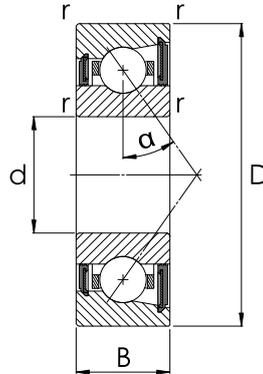
B70...-E-T-P4S-UL

Maßtabelle - Abmessungen in mm

Kurzeichen	Gewicht m ≈ kg	Abmessungen										Druckwinkel α °	Anschlussmaße	
		d	D	B	r	r ₁	B _N	S _N	S _B	d _α h12	D _α H12			
		min.		min.										
B7017-E-T-P4S-UL	0,875	85	130	22	1,1	1,1	-	-	-	25	93	122		
B7018-E-T-P4S-UL	1,120	90	140	24	1,5	1,5	-	-	-	25	100	131		
B7019-E-T-P4S-UL	1,180	95	145	24	1,5	1,5	-	-	-	25	105	136		
B7020-E-T-P4S-UL	1,230	100	150	24	1,5	1,5	-	-	-	25	110	141		
B7022-E-T-P4S-UL	1,950	110	170	28	2,0	2,0	-	-	-	25	121	159		
B7024-E-T-P4S-UL	2,070	120	180	28	2,0	2,0	-	-	-	25	131	169		
B7026-E-T-P4S-UL	3,150	130	200	33	2,0	2,0	-	-	-	25	142	189		
B7028-E-T-P4S-UL	3,340	140	210	33	2,0	2,0	-	-	-	25	152	199		
B7030-E-T-P4S-UL	4,030	150	225	35	2,1	2,1	-	-	-	25	163	213		
B7032-E-T-P4S-UL	5,010	160	240	38	2,1	2,1	-	-	-	25	174	228		
B7034-E-T-P4S-UL	6,490	170	260	42	2,1	2,1	-	-	-	25	185	246		
B7036-E-T-P4S-UL	8,760	180	280	46	2,1	2,1	-	-	-	25	196	264		
B7038-E-T-P4S-UL	9,160	190	290	46	2,1	2,1	-	-	-	25	206	274		
B7040-E-T-P4S-UL	11,600	200	310	51	2,1	2,1	-	-	-	25	217	293		
B7044-E-T-P4S-UL	15,700	220	340	56	3,0	3,0	-	-	-	25	239	321		
B7048-E-T-P4S-UL	16,700	240	360	56	3,0	3,0	-	-	-	25	260	341		

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

Spindellager, Stahlkugeln, großkugelig



B70...-E-2RSD-T-P4S-UL

abgedichtet und befettet

			Tragzahlen		Grenzdrehzahlen		Vorspannkraft F_v			Abhebekraft K_{GE}			Axiale Steifigkeit c_a		
r_a	r_{a1}	E_{ik}	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			$\text{N}/\mu\text{m}$		
1,0	0,6	101,8	63,0	41,5	9.500	15.000	540	1.874	3.919	1.573	5.639	12.184	209,4	335,5	454,4
1,5	0,6	108,6	74,0	48,5	9.000	14.000	646	2.205	4.590	1.880	6.636	14.269	222,6	354,6	479,4
1,5	0,6	113,6	77,0	52,0	8.500	13.000	671	2.295	4.780	1.955	6.904	14.849	233,2	371,6	502,3
1,5	0,6	118,6	79,0	55,0	8.000	13.000	681	2.336	4.869	1.982	7.018	15.103	241,9	385,4	520,6
2,0	1,0	133,3	106,0	73,0	7.500	12.000	968	3.242	6.709	2.820	9.745	20.814	280,1	442,5	596,2
2,0	1,0	143,3	109,0	78,0	6.700	10.000	983	3.298	6.830	2.860	9.902	21.158	290,4	458,9	617,9
2,0	1,0	157,2	141,0	102,0	6.000	9.500	1.312	4.328	8.915	3.820	13.001	27.627	326,2	512,3	688,5
2,0	1,0	167,2	145,0	108,0	5.600	9.000	1.336	4.416	9.103	3.888	13.252	28.168	338,7	531,9	714,4
2,1	1,0	178,5	178,0	130,0	5.300	8.000	1.691	5.520	11.332	4.923	16.566	35.067	371,0	580,0	777,9
2,0	1,0	191,0	182,0	138,0	5.000	7.500	1.715	5.606	11.519	4.988	16.807	35.587	384,6	601,1	805,7
2,0	1,0	203,8	229,0	180,0	4.500	7.000	2.250	7.240	14.802	6.541	21.677	45.639	409,0	634,9	848,3
2,0	1,0	218,8	236,0	193,0	4.300	6.700	2.326	7.493	15.324	6.760	22.418	47.204	428,5	665,0	888,2
2,0	1,0	228,8	243,0	204,0	4.000	6.300	2.128	7.254	15.104	6.172	21.646	46.379	428,8	677,5	909,7
2,0	1,0	241,5	295,0	260,0	3.800	6.000	2.711	9.065	18.765	7.860	27.018	57.509	460,2	721,5	965,4
2,5	1,0	266,5	315,0	295,0	3.600	5.300	2.882	9.666	20.030	8.349	28.771	61.275	503,3	788,9	1.055,0
2,5	1,0	286,5	320,0	310,0	3.200	5.000	2.914	9.801	20.327	8.437	29.140	62.090	521,3	817,3	1.092,3