

17 to 20 mm

Designation	Boundary dimensions d	D	B	Balls d_m	D_W	Z	Dimensions d_1	d_2	D_1	D_2	$r_{1,2}$	$r_{3,4}$	Abutment dimensions $r_{a\,max}$	$r_{b\,max}$	$d_{a,\,b\,min}$	$D_{a,\,b\,max}$	d_T	Weight m	Contact angle α_0	Load rating C	C_0	$C_{0\,HY}$	Speed value n_{oil}	n_{grease}	Preload/axial rigidity L F_v	L C_{ax}	M F_v	M C_{ax}	S F_v	S C_{ax}	Spring preload F_f	Designation
17 mm																																**17 mm**
S 61803 C TA	17	26	5	21.5	2.381	19	19.8		23.2	23.8	0.3	0.2	0.3	0.15	19.0	24.0	20.6	0.008	15	2000	1310	920	79000	59000	10	14	30	22	60	31	55	S 61803 C TA
S 61803 E TA	17	26	5	21.5	2.381	19	19.8		23.2	23.8	0.3	0.2	0.3	0.15	19.0	24.0	20.6	0.008	25	1890	1240	870	67000	50000	16	35	50	54	100	69	70	S 61803 E TA
S 61903 C TA	17	30	7	23.5	3.969	14	21.0		26.6	27.7	0.3	0.3	0.3	0.1	19.5	27.5	22.5	0.017	15	4700	2700	1900	71000	53000	25	20	75	32	150	45	120	S 61903 C TA
S 61903 E TA	17	30	7	23.5	3.969	14	21.0		26.6	27.7	0.3	0.3	0.3	0.1	19.5	27.5	22.5	0.017	25	4450	2600	1810	61000	46000	40	49	120	73	240	96	165	S 61903 E TA
SM 61903 C TA	17	30	7	23.5	3.969	14	21.0		26.6	27.7	0.3	0.3	0.3	0.1	19.5	27.5	22.5	0.017	15	3750	1750	1230	84000	63000	19	16	55	25	110	34	115	SM 61903 C TA
KH 61903 C TA	17	30	7	23.5	2.778	18	21.0	20.6	26.2	26.8	0.3	0.3	0.3	0.1	19.5	27.5	22.2	0.017	17	2150	1070	760	90000	67000	11	17	35	27	65	34	80	KH 61903 C TA
KH 61903 E TA	17	30	7	23.5	2.778	18	21.0	20.6	26.2	26.8	0.3	0.3	0.3	0.1	19.5	27.5	22.2	0.017	25	2060	1020	720	82000	61000	17	35	50	62	100	67	100	KH 61903 E TA
S 6003 C TA	17	35	10	26.0	4.762	14	22.7		29.4	30.7	0.3	0.3	0.3	0.1	20.0	31.5	24.4	0.037	15	6950	4150	2950	65000	49000	35	24	105	41	210	59	180	S 6003 C TA
S 6003 E TA	17	35	10	26.0	4.762	14	22.7		29.4	30.7	0.3	0.3	0.3	0.1	20.0	31.5	24.4	0.037	25	6650	4000	2800	56000	42000	60	58	170	88	340	115	245	S 6003 E TA
SM 6003 C TA	17	35	10	26.0	4.762	14	22.7		29.4	30.7	0.3	0.3	0.3	0.1	20.0	31.5	24.4	0.037	15	5150	2410	1690	77000	58000	25	19	80	30	160	41	155	SM 6003 C TA
KH 6003 C TA	17	35	10	26.0	3.969	15	22.7	22	29.8	30.4	0.3	0.3	0.3	0.1	20.0	31.5	24.2	0.037	17	3750	1750	1230	82000	61000	19	20	55	31	110	41	135	KH 6003 C TA
KH 6003 E TA	17	35	10	26.0	3.969	15	22.7	22	29.8	30.4	0.3	0.3	0.3	0.1	20.0	31.5	24.2	0.037	25	3600	1680	1180	74000	55000	30	42	90	63	180	82	175	KH 6003 E TA
S 6203 C TA	17	40	12	28.5	6.747	11	24.1		33.0	35.2	0.6	0.3	0.6	0.3	21.5	35.0	26.6	0.065	15	11400	6350	4450	60000	45000	60	29	170	48	350	69	295	S 6203 C TA
S 6203 E TA	17	40	12	28.5	6.747	11	24.1		33.0	35.2	0.6	0.3	0.6	0.3	21.5	35.0	26.6	0.065	25	11000	6100	4300	51000	38000	90	69	280	106	560	143	400	S 6203 E TA
20 mm																																**20 mm**
S 61804 C TA	20	32	7	26.0	3.175	18	23.9		28.1	29.1	0.3	0.3	0.3	0.15	23.0	29.0	24.9	0.018	15	3650	2500	1760	65000	49000	19	21	55	32	110	45	95	S 61804 C TA
S 61804 E TA	20	32	7	26.0	3.175	18	23.9		28.1	29.1	0.3	0.3	0.3	0.15	23.0	29.0	24.9	0.018	25	3450	2380	1680	56000	42000	30	49	90	74	170	95	130	S 61804 E TA
S 61904 C TA	20	37	9	28.5	4.762	15	25.1		31.9	33.2	0.3	0.3	0.3	0.15	23.0	33.5	26.9	0.036	15	7250	4600	3200	60000	45000	35	26	110	43	220	61	185	S 61904 C TA
S 61904 E TA	20	37	9	28.5	4.762	15	25.1		31.9	33.2	0.3	0.3	0.3	0.15	23.0	33.5	26.9	0.036	25	6850	4350	3050	51000	38000	55	62	170	95	340	125	250	S 61904 E TA
SM 61904 C TA	20	37	9	28.5	4.762	15	25.1		31.9	33.2	0.3	0.3	0.3	0.15	23.0	33.5	26.9	0.036	15	5400	2700	1870	70000	52000	30	22	80	32	170	45	165	SM 61904 C TA
KH 61904 C TA	20	37	9	28.5	3.969	16	25.1	24.5	31.7	33.0	0.3	0.3	0.3	0.15	23.0	33.5	26.6	0.036	17	3900	1900	1340	75000	56000	20	21	60	33	120	44	140	KH 61904 C TA
KH 61904 E TA	20	37	9	28.5	3.969	16	25.1	24.5	31.7	33.0	0.3	0.3	0.3	0.15	23.0	33.5	26.6	0.036	25	3700	1820	1280	68000	51000	30	44	90	66	180	85	180	KH 61904 E TA
S 6004 C TA	20	42	12	31.0	6.35	13	26.6		35.5	37.3	0.6	0.3	0.6	0.3	25.0	37.0	29.0	0.063	15	12200	7600	5350	55000	41000	60	33	180	57	360	84	315	S 6004 C TA
S 6004 E TA	20	42	12	31.0	6.35	13	26.6		35.5	37.3	0.6	0.3	0.6	0.3	25.0	37.0	29.0	0.063	25	11700	7300	5150	47000	35000	100	78	300	120	600	165	425	S 6004 E TA
SM 6004 C TA	20	42	12	31.0	6.35	13	26.6		35.5	37.3	0.6	0.3	0.6	0.3	25.0	37.0	29.0	0.063	15	8300	3800	2700	65000	49000	40	24	120	37	240	51	250	SM 6004 C TA
KH 6004 C TA	20	42	12	31.0	5.556	14	26.6	25.3	36.4	38.0	0.6	0.3	0.6	0.3	25.0	37.0	28.6	0.063	17	6500	3050	2140	70000	52000	35	27	100	40	200	54	235	KH 6004 C TA
KH 6004 E TA	20	42	12	31.0	5.556	14	26.6	25.3	36.4	38.0	0.6	0.3	0.6	0.3	25.0	37.0	28.6	0.063	25	6300	2950	2060	63000	47000	50	54	160	82	320	106	300	KH 6004 E TA
S 6204 C TA	20	47	14	33.5	7.938	11	28.5		38.6	41.4	1.0	0.6	1.0	0.6	26.0	41.0	31.4	0.105	15	16900	10000	7050	51000	38000	85	38	260	66	500	94	435	S 6204 C TA
S 6204 E TA	20	47	14	33.5	7.938	11	28.5		38.6	41.4	1.0	0.6	1.0	0.6	26.0	41.0	31.4	0.105	25	16200	9800	6850	43000	32000	140	91	410	139	820	189	590	S 6204 E TA