

12 to 15 mm

Designation	Boundary dimensions			Balls			Dimensions						Abutment dimensions					Weight	Contact angle	Load rating			Speed value		Preload/axial rigidity						Spring preload	Designation
																									L		M		S			
	d	D	B	d_m	D_W	Z	d_1	d_2	D_1	D_2	$r_{1,2}$	$r_{3,4}$	$r_{a\,max}$	$r_{b\,max}$	$d_{a,\,b\,min}$	$D_{a,\,b\,max}$	d_T	m	α_0	C	C_0	$C_{0\,HY}$	n_{oil}	n_{grease}	F_v	C_{ax}	F_v	C_{ax}	F_v	C_{ax}	F_f	
12 mm																																**12 mm**
S 61801 C TA	12	21	5	16.5	2.381	15	14.6		18.0	18.6	0.3	0.2	0.3	0.15	14.0	19.0	15.4	0.006	15	1800	980	685	105000	79000	9	12	25	18	55	26	50	S 61801 C TA
S 61801 E TA	12	21	5	16.5	2.381	15	14.6		18.0	18.6	0.3	0.2	0.3	0.15	14.0	19.0	15.4	0.006	25	1710	930	650	89000	67000	15	29	45	44	90	58	65	S 61801 E TA
S 61901 C TA	12	24	6	18.0	3.175	13	15.4		19.6	20.6	0.3	0.3	0.3	0.1	14.5	21.5	16.5	0.011	15	3100	1660	1170	97000	73000	15	15	43	24	85	34	80	S 61901 C TA
S 61901 E TA	12	24	6	18.0	3.175	13	15.4		19.6	20.6	0.3	0.3	0.3	0.1	14.5	21.5	16.5	0.011	25	2950	1580	1110	83000	62000	25	37	75	56	150	74	110	S 61901 E TA
SM 61901 C TA	12	24	6	18.0	3.175	13	15.4		19.6	20.6	0.3	0.3	0.3	0.1	14.5	21.5	16.5	0.011	15	2330	990	695	115000	86000	12	13	35	19	70	26	70	SM 61901 C TA
KH 61901 C TA	12	24	6	18.0	2.381	15	15.4	15.1	19.6	20.3	0.3	0.3	0.3	0.1	14.5	21.5	16.3	0.011	17	1480	650	455	120000	90000	7	12	22	19	45	26	55	KH 61901 C TA
KH 61901 E TA	12	24	6	18.0	2.381	15	15.4	15.1	19.6	20.3	0.3	0.3	0.3	0.1	14.5	21.5	16.3	0.011	25	1410	620	440	110000	82000	12	26	35	39	70	51	70	KH 61901 E TA
S 6001 C TA	12	28	8	20.0	4.762	11	16.7		23.4	24.7	0.3	0.3	0.3	0.1	14.5	25.0	18.5	0.020	15	5900	3000	2100	85000	64000	30	20	90	33	180	48	155	S 6001 C TA
S 6001 E TA	12	28	8	20.0	4.762	11	16.7		23.4	24.7	0.3	0.3	0.3	0.1	14.5	25.0	18.5	0.020	25	5650	2900	2020	72500	54000	50	47	140	70	280	95	205	S 6001 E TA
SM 6001 C TA	12	28	8	20.0	4.762	11	16.7		23.4	24.7	0.3	0.3	0.3	0.1	14.5	25.0	18.5	0.020	15	4300	1750	1230	100000	75000	22	15	65	24	130	33	130	SM 6001 C TA
KH 6001 C TA	12	28	8	19.0	3.175	13	16.7	16.2	22.5	23.3	0.3	0.3	0.3	0.1	14.5	25.0	18.0	0.020	17	2260	950	670	110000	82000	11	15	35	22	70	30	85	KH 6001 C TA
KH 6001 E TA	12	28	8	19.0	3.175	13	16.7	16.2	22.5	23.3	0.3	0.3	0.3	0.1	14.5	25.0	18.0	0.020	25	2180	920	645	100000	75000	18	30	55	45	110	59	105	KH 6001 E TA
S 6201 C TA	12	32	10	22.0	5.953	10	18.3		26.0	27.9	0.6	0.6	0.6	0.3	16.5	27.5	20.5	0.037	15	8300	4150	2950	77000	58000	42	23	130	39	250	54	215	S 6201 C TA
S 6201 E TA	12	32	10	22.0	5.953	10	18.3		26.0	27.9	0.6	0.6	0.6	0.3	16.5	27.5	20.5	0.037	25	8000	4050	2850	66000	49000	70	56	200	84	400	112	290	S 6201 E TA
15 mm																																**15 mm**
S 61802 C TA	15	24	5	19.5	2.381	17	17.8		21.2	21.8	0.3	0.2	0.3	0.15	17.0	22.0	18.6	0.007	15	1900	1150	810	87000	65000	10	13	30	21	60	29	50	S 61802 C TA
S 61802 E TA	15	24	5	19.5	2.381	17	17.8		21.2	21.8	0.3	0.2	0.3	0.15	17.0	22.0	18.6	0.007	25	1790	1090	770	74000	55000	15	32	45	48	90	62	65	S 61802 E TA
S 61902 C TA	15	28	7	21.5	3.969	13	18.7		24.3	25.4	0.3	0.3	0.3	0.1	17.5	25.5	20.2	0.015	15	4500	2450	1720	79000	59000	22	18	70	29	140	42	115	S 61902 C TA
S 61902 E TA	15	28	7	21.5	3.969	13	18.7		24.3	25.4	0.3	0.3	0.3	0.1	17.5	25.5	20.2	0.015	25	4300	2330	1640	67000	50000	35	44	110	68	220	89	160	S 61902 E TA
SM 61902 C TA	15	28	7	21.5	3.969	13	18.7		24.3	25.4	0.3	0.3	0.3	0.1	17.5	25.5	20.2	0.015	15	3600	1560	1100	93000	70000	18	15	55	24	110	33	110	SM 61902 C TA
KH 61902 C TA	15	28	7	21.5	2.778	16	18.7	18.3	23.9	24.5	0.3	0.3	0.3	0.1	17.5	25.5	19.9	0.015	17	2010	940	660	100000	75000	10	15	30	23	60	31	75	KH 61902 C TA
KH 61902 E TA	15	28	7	21.5	2.778	16	18.7	18.3	23.9	24.5	0.3	0.3	0.3	0.1	17.5	25.5	19.9	0.015	25	1930	900	630	90000	67000	16	32	50	48	100	64	95	KH 61902 E TA
S 6002 C TA	15	32	9	23.5	4.762	13	20.2		26.9	28.2	0.3	0.3	0.3	0.1	17.5	29.0	21.9	0.028	15	6650	3750	2650	72000	54000	32	22	100	38	200	55	170	S 6002 C TA
S 6002 E TA	15	32	9	23.5	4.762	13	20.2		26.9	28.2	0.3	0.3	0.3	0.1	17.5	29.0	21.9	0.028	25	6350	3600	2550	62000	46000	55	54	160	82	320	110	235	S 6002 E TA
SM 6002 C TA	15	32	9	23.5	4.762	13	20.2		26.9	28.2	0.3	0.3	0.3	0.1	17.5	29.0	21.9	0.028	15	4900	2140	1510	85000	64000	22	17	75	28	150	38	150	SM 6002 C TA
KH 6002 C TA	15	32	9	23.5	3.969	13	20.2	19.4	26.7	28.0	0.3	0.3	0.3	0.1	17.5	29.0	21.6	0.028	17	3400	1470	1040	92000	69000	17	18	50	27	100	36	125	KH 6002 C TA
KH 6002 E TA	15	32	9	23.5	3.969	13	20.2	19.4	26.7	28.0	0.3	0.3	0.3	0.1	17.5	29.0	21.6	0.028	25	3300	1420	1000	83000	62000	30	39	80	55	160	72	160	KH 6002 E TA
S 6202 C TA	15	35	11	25.0	5.953	11	21.1		29.0	31.3	0.6	0.3	0.6	0.3	19.5	30.5	23.4	0.044	15	9000	4850	3450	67000	50000	45	25	130	41	270	59	230	S 6202 C TA
S 6202 E TA	15	35	11	25.0	5.953	11	21.1		29.0	31.3	0.6	0.3	0.6	0.3	19.5	30.5	23.4	0.044	25	8700	4700	3300	57000	43000	75	61	220	93	440	123	320	S 6202 E TA