

55 to 60 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	
55 mm																																**55 mm**
S 61911 C TA	55	80	13	67.5	7.144	21	63.1		71.9	74.5	1.0	0.3	0.6	0.3	60.0	75.0	65.4	0.181	15	18400	17100	12100	25000	18500	90	52	280	87	560	122	470	S 61911 C TA
S 61911 E TA	55	80	13	67.5	7.144	21	63.1		71.9	74.5	1.0	0.3	0.6	0.3	60.0	75.0	65.4	0.181	25	17400	16200	11400	21500	16000	150	130	440	193	880	257	635	S 61911 E TA
SM 61911 C TA	55	80	13	67.5	7.144	21	63.1		71.9	74.5	1.0	0.3	0.6	0.3	60.0	75.0	65.4	0.181	17	13600	9400	6600	29500	22000	70	49	210	75	420	100	465	SM 61911 C TA
KH 61911 C TA	55	80	13	67.5	5.556	30	63.1	61.8	72.9	74.5	1.0	0.3	0.6	0.3	60.0	75.0	65.0	0.181	17	10000	7500	5250	31000	23000	50	50	150	75	300	99	360	KH 61911 C TA
KH 61911 E TA	55	80	13	67.5	5.556	30	63.1	61.8	72.9	74.5	1.0	0.3	0.6	0.3	60.0	75.0	65.0	0.181	25	9600	7150	5050	28500	21500	80	104	240	154	480	199	460	KH 61911 E TA
S 6011 C TA	55	90	18	72.5	9.525	20	66.8		78.2	81.9	1.1	1.0	1.1	0.6	62.0	83.0	69.8	0.374	15	32500	29500	20500	23500	17500	160	69	490	115	980	163	830	S 6011 C TA
S 6011 E TA	55	90	18	72.5	9.525	20	66.8		78.2	81.9	1.1	1.0	1.1	0.6	62.0	83.0	69.8	0.374	25	30500	28000	19400	20000	15000	260	167	770	253	1540	337	1110	S 6011 E TA
SM 6011 C TA	55	90	18	72.5	9.525	20	66.8		78.2	81.9	1.1	1.0	1.1	0.6	62.0	83.0	69.8	0.374	15	23100	15500	10900	27500	20500	115	52	350	81	700	110	695	SM 6011 C TA
KH 6011 C TA	55	90	18	72.5	7.938	23	66.8	65.6	79.2	82.4	1.1	1.0	1.1	0.6	62.0	83.0	69.3	0.374	17	16700	11400	8000	29500	22000	80	55	250	84	500	111	600	KH 6011 C TA
KH 6011 E TA	55	90	18	72.5	7.938	23	66.8	65.6	79.2	82.4	1.1	1.0	1.1	0.6	62.0	83.0	69.3	0.374	25	15900	10800	7600	26500	20000	130	115	400	172	800	223	760	KH 6011 E TA
S 6211 C TA	55	100	21	77.5	14.288	15	69.0		85.8	91.6	1.5	1.0	1.5	1.0	64.0	91.0	73.8	0.621	15	58000	46000	32500	22000	16500	300	83	900	139	1800	199	1480	S 6211 C TA
S 6211 E TA	55	100	21	77.5	14.288	15	69.0		85.8	91.6	1.5	1.0	1.5	1.0	64.0	91.0	73.8	0.621	25	55500	44000	31000	18500	14000	470	198	1400	300	2800	404	2020	S 6211 E TA
60 mm																																**60 mm**
S 61912 C TA	60	85	13	72.5	7.144	23	68.1		76.9	79.5	1.0	0.3	0.6	0.3	65.0	80.0	70.4	0.195	15	19200	19000	13300	23500	17500	100	58	300	94	600	132	490	S 61912 C TA
S 61912 E TA	60	85	13	72.5	7.144	23	68.1		76.9	79.5	1.0	0.3	0.6	0.3	65.0	80.0	70.4	0.195	25	18100	17900	12600	20000	15000	150	137	460	208	920	276	660	S 61912 E TA
SM 61912 C TA	60	85	13	72.5	7.144	23	68.1		76.9	79.5	1.0	0.3	0.6	0.3	65.0	80.0	70.4	0.195	19	14100	10300	7200	27500	20500	70	61	220	93	430	122	540	SM 61912 C TA
KH 61912 C TA	60	85	13	72.5	5.556	32	68.1	66.8	77.9	79.5	1.0	0.3	0.6	0.3	65.0	80.0	70.0	0.195	17	10300	8100	5650	29500	22000	50	52	160	80	310	104	370	KH 61912 C TA
KH 61912 E TA	60	85	13	72.5	5.556	32	68.1	66.8	77.9	79.5	1.0	0.3	0.6	0.3	65.0	80.0	70.0	0.195	25	9800	7700	5400	26500	20000	80	109	240	161	490	209	470	KH 61912 E TA
S 6012 C TA	60	95	18	77.5	9.525	22	71.9		83.2	87.0	1.1	1.0	1.1	0.6	67.0	88.0	74.9	0.406	15	34000	32500	22800	22000	16500	170	75	515	124	1030	175	870	S 6012 C TA
S 6012 E TA	60	95	18	77.5	9.525	22	71.9		83.2	87.0	1.1	1.0	1.1	0.6	67.0	88.0	74.9	0.406	25	32000	31000	21600	18500	14000	270	180	810	274	1620	364	1160	S 6012 E TA
SM 6012 C TA	60	95	18	77.5	9.525	22	71.9		83.2	87.0	1.1	1.0	1.1	0.6	67.0	88.0	74.9	0.406	15	24500	17400	12200	26000	19500	125	56	375	83	750	120	740	SM 6012 C TA
KH 6012 C TA	60	95	18	77.5	7.938	24	71.9	70.7	84.2	87.4	1.1	1.0	1.1	0.6	67.0	88.0	74.4	0.406	17	17000	11900	8400	27500	20500	90	59	260	87	510	115	610	KH 6012 C TA
KH 6012 E TA	60	95	18	77.5	7.938	24	71.9	70.7	84.2	87.4	1.1	1.0	1.1	0.6	67.0	88.0	74.4	0.406	25	16200	11400	8000	25000	18500	140	122	400	177	800	229	770	KH 6012 E TA
S 6212 C TA	60	110	22	85.0	15.875	15	76.0		95.5	101.4	1.5	1.0	1.5	1.0	70.0	101.0	81.5	0.795	15	70000	56500	40000	20000	15000	350	90	1000	146	2100	213	1790	S 6212 C TA
S 6212 E TA	60	110	22	85.0	15.875	15	76.0		95.5	101.4	1.5	1.0	1.5	1.0	70.0	101.0	81.5	0.795	25	66500	54000	38000	17000	12500	560	216	1700	333	3400	443	2420	S 6212 E TA