

35 to 40 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
35 mm																															**35 mm**
S 61807 C TA	35	47	7	41.0	3.175	24	38.9		43.1	44.1	0.3	0.3	0.3	0.15	38.0	44.0	39.9	0.028	15	3950	3600	2550	41000	31000	20	25	60	39	120	54	105	S 61807 C TA
S 61807 E TA	35	47	7	41.0	3.175	24	38.9		43.1	44.1	0.3	0.3	0.3	0.15	38.0	44.0	39.9	0.028	25	3750	3400	2370	35000	26000	30	58	90	93	190	118	140	S 61807 E TA
S 61907 C TA	35	55	10	45.0	5.556	18	41.4		48.6	50.4	0.6	0.3	0.6	0.15	40.0	50.5	43.3	0.075	15	10900	8700	6100	38000	28500	55	37	165	61	330	86	280	S 61907 C TA
S 61907 E TA	35	55	10	45.0	5.556	18	41.4		48.6	50.4	0.6	0.3	0.6	0.15	40.0	50.5	43.3	0.075	25	10300	8200	5750	32000	24000	90	91	260	135	520	177	375	S 61907 E TA
SM 61907 C TA	35	55	10	45.0	5.556	18	41.4		48.6	50.4	0.6	0.3	0.6	0.15	40.0	50.5	43.3	0.075	17	8000	4750	3350	44000	33000	40	34	120	52	240	69	275	SM 61907 C TA
KH 61907 C TA	35	55	10	45.0	3.969	26	41.4	40.8	48.1	49.4	0.6	0.3	0.6	0.15	40.0	50.5	43.0	0.075	17	5050	3300	2320	47000	35000	25	32	80	50	150	64	185	KH 61907 C TA
KH 61907 E TA	35	55	10	45.0	3.969	26	41.4	40.8	48.1	49.4	0.6	0.3	0.6	0.15	40.0	50.5	43.0	0.075	25	4800	3150	2210	43000	32000	40	67	120	99	240	129	230	KH 61907 E TA
S 6007 C TA	35	62	14	48.5	7.938	16	43.2		53.1	56.3	1.0	0.6	1.0	0.3	41.0	56.0	46.1	0.149	15	20600	15500	10900	35000	26000	100	50	300	84	600	120	530	S 6007 C TA
S 6007 E TA	35	62	14	48.5	7.938	16	43.2		53.1	56.3	1.0	0.6	1.0	0.3	41.0	56.0	46.1	0.149	25	19600	14800	10400	30000	22500	170	118	500	180	1000	245	715	S 6007 E TA
SM 6007 C TA	35	62	14	48.5	7.938	16	43.2		53.1	56.3	1.0	0.6	1.0	0.3	41.0	56.0	46.1	0.149	15	14300	8000	5650	41000	31000	70	37	210	57	420	77	430	SM 6007 C TA
KH 6007 C TA	35	62	14	48.5	6.35	20	43.2	41.5	53.6	56.0	1.0	0.6	1.0	0.3	41.0	56.0	45.5	0.149	17	10400	6150	4350	44000	33000	50	40	160	62	320	82	375	KH 6007 C TA
KH 6007 E TA	35	62	14	48.5	6.35	20	43.2	41.5	53.6	56.0	1.0	0.6	1.0	0.3	41.0	56.0	45.5	0.149	25	10000	5900	4150	40000	30000	80	83	250	125	500	162	480	KH 6007 E TA
S 6207 C TA	35	72	17	53.5	11.112	13	47.4		60.6	64.5	1.1	0.6	1.0	0.6	43.0	64.0	50.9	0.290	15	35000	24300	17100	32000	24000	180	60	530	102	1000	142	900	S 6207 C TA
S 6207 E TA	35	72	17	53.5	11.112	13	47.4		60.6	64.5	1.1	0.6	1.0	0.6	43.0	64.0	50.9	0.290	25	33500	23200	16300	27000	20000	280	142	840	217	1700	296	1220	S 6207 E TA
40 mm																															**40 mm**
S 61808 C TA	40	52	7	46.0	3.175	26	43.9		48.1	49.1	0.3	0.3	0.3	0.15	43.0	49.0	44.9	0.031	15	4050	3950	2750	37000	27500	21	27	60	41	120	57	105	S 61808 C TA
S 61808 E TA	40	52	7	46.0	3.175	26	43.9		48.1	49.1	0.3	0.3	0.3	0.15	43.0	49.0	44.9	0.031	25	3800	3700	2600	32000	24000	30	62	100	97	190	124	140	S 61808 E TA
S 61908 C TA	40	62	12	51.0	6.35	19	46.8		55.2	57.2	0.6	0.3	0.6	0.15	45.0	57.5	49.0	0.109	15	14900	12700	9000	33000	24500	75	46	230	77	460	109	380	S 61908 C TA
S 61908 E TA	40	62	12	51.0	6.35	19	46.8		55.2	57.2	0.6	0.3	0.6	0.15	45.0	57.5	49.0	0.109	25	14100	12100	8500	28500	21500	120	111	360	168	720	225	515	S 61908 E TA
SM 61908 C TA	40	62	12	51.0	6.35	19	46.8		55.2	57.2	0.6	0.3	0.6	0.15	45.0	57.5	49.0	0.109	17	10400	6350	4500	39000	29000	55	41	160	62	320	83	355	SM 61908 C TA
KH 61908 C TA	40	62	12	51.0	4.762	25	46.8	45.3	55.2	56.7	0.6	0.3	0.6	0.15	45.0	57.5	48.3	0.109	17	6850	4550	3200	42000	31000	35	37	100	55	210	75	245	KH 61908 C TA
KH 61908 E TA	40	62	12	51.0	4.762	25	46.8	45.3	55.2	56.7	0.6	0.3	0.6	0.15	45.0	57.5	48.3	0.109	25	6550	4300	3050	38000	28500	55	77	160	113	330	148	315	KH 61908 E TA
S 6008 C TA	40	68	15	54.0	7.938	18	49.2		59.0	61.8	1.0	0.6	1.0	0.3	46.0	62.0	51.8	0.185	15	22000	17900	12600	31500	23500	110	53	330	91	660	130	565	S 6008 C TA
S 6008 E TA	40	68	15	54.0	7.938	18	49.2		59.0	61.8	1.0	0.6	1.0	0.3	46.0	62.0	51.8	0.185	25	20900	17100	12000	27000	20000	180	125	530	190	1100	265	760	S 6008 E TA
SM 6008 C TA	40	68	15	54.0	7.938	18	49.2		59.0	61.8	1.0	0.6	1.0	0.3	46.0	62.0	51.8	0.185	15	15400	9300	6500	37000	27500	80	40	230	61	460	83	465	SM 6008 C TA
KH 6008 C TA	40	68	15	54.0	6.35	22	49.2	47.5	60.2	62.6	1.0	0.6	1.0	0.3	46.0	62.0	51.4	0.185	17	10900	6900	4850	39000	29000	55	44	160	65	330	88	390	KH 6008 C TA
KH 6008 E TA	40	68	15	54.0	6.35	22	49.2	47.5	60.2	62.6	1.0	0.6	1.0	0.3	46.0	62.0	51.4	0.185	25	10500	6550	4650	36000	27000	90	92	260	135	520	175	500	KH 6008 E TA
S 6208 C TA	40	80	18	60.0	11.906	13	52.8		67.6	71.8	1.1	0.6	1.0	0.6	48.0	72.0	56.9	0.368	15	36500	25500	17900	28500	21500	185	58	560	98	1100	137	940	S 6208 C TA
S 6208 E TA	40	80	18	60.0	11.906	13	52.8		67.6	71.8	1.1	0.6	1.0	0.6	48.0	72.0	56.9	0.368	25	35000	24400	17200	24000	18000	300	142	900	215	1800	288	1270	S 6208 E TA