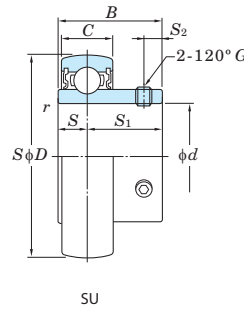
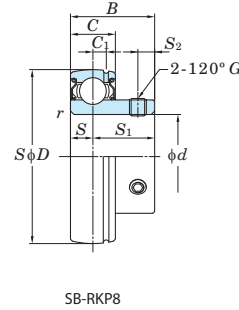
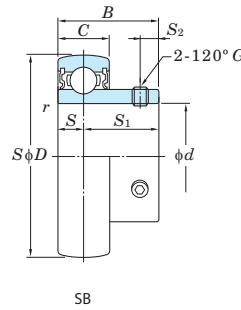
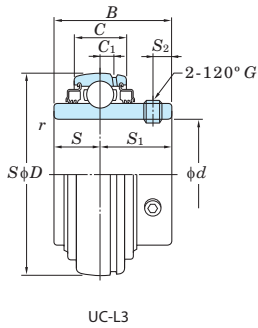
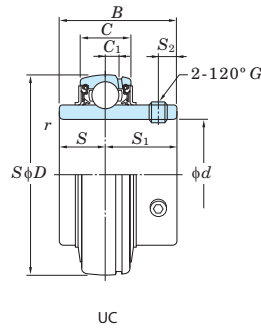
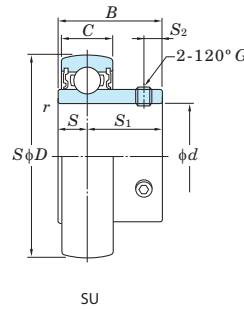
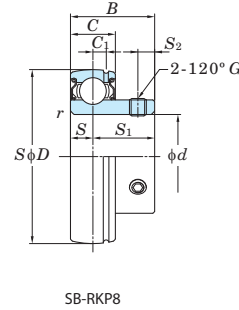
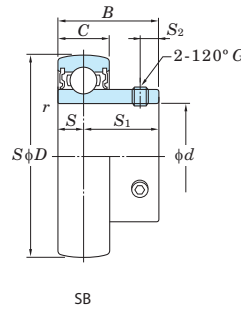
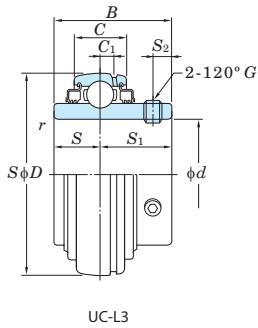
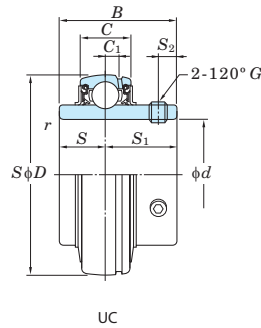


UC, SB, SB-RKP8, SU
Cylindrical bore (with set screws)
d 8 ~ 25 mm



Shaft Dia.		Dimensions								Basic Load Ratings		Factor	Bearing No.			Dimensions								Set Screw Brg. Bore		Mass
mm	inch	<i>D</i>		<i>B</i>		<i>C</i>		<i>r</i> (min.)		<i>C_r</i>	<i>C_{0r}</i>	<i>f₀</i>	Standard	L3 Type		<i>C₁</i>		<i>S</i>		<i>S₁</i>		<i>S₂</i>		<i>G</i>		
<i>d</i>		mm	inch	mm	inch	mm	inch	mm	inch							mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	
8	—	22	0.866	12	0.472	7	0.276	0.3	0.012	3.27	1.37	12.4	SU08	—		—	—	3.5	0.138	8.5	0.335	2.8	0.110	M3×0.35	—	0.012
10	—	26	1.024	15	0.591	8	0.315	0.3	0.012	4.55	1.95	12.3	SU000	—		—	—	5	0.197	10	0.394	3	0.118	M3×0.35	—	0.024
12	—	28	1.102	15	0.591	8	0.315	0.3	0.012	5.10	2.40	13.2	SU001	—		—	—	5	0.197	10	0.394	3	0.118	M3×0.35	—	0.026
		40	1.575	22	0.866	12	0.472	0.6	0.024	9.55	4.80	13.2	SB201	—		—	—	6	0.236	16	0.630	4	0.157	M5×0.5	—	0.10
		40	1.575	22	0.866	12	0.472	0.6	0.024	9.55	4.80	13.2	SB201RKP8	—		3.4	0.134	6	0.236	16	0.630	4	0.157	M5×0.5	—	0.10
		47	1.850	31	1.220	16	0.630	0.6	0.024	12.8	6.65	13.2	UC201	UC201L2		4	0.157	12.7	0.500	18.3	0.720	5	0.197	M6×0.75	—	0.21
—	1/2	40	1.575	22	0.866	12	0.472	0.6	0.024	9.55	4.80	13.2	SB201-8	—		—	—	6	0.236	16	0.630	4	0.157	—	No.10-32UNF	0.10
		40	1.575	22	0.866	12	0.472	0.6	0.024	9.55	4.80	13.2	SB201-8RKP8	—		3.4	0.134	6	0.236	16	0.630	4	0.157	—	No.10-32UNF	0.10
		47	1.850	31	1.220	16	0.630	0.6	0.024	12.8	6.65	13.2	UC201-8	UC201-8L2		4	0.157	12.7	0.500	18.3	0.720	5	0.197	—	1/4-28UNF	0.21
15	—	32	1.260	16.5	0.650	9	0.354	0.3	0.012	5.60	2.85	13.9	SU002	—		—	—	5.5	0.217	11	0.433	3.3	0.130	M4×0.5	—	0.038
		40	1.575	22	0.866	12	0.472	0.6	0.024	9.55	4.80	13.2	SB202	—		—	—	6	0.236	16	0.630	4	0.157	M5×0.5	—	0.10
		40	1.575	22	0.866	12	0.472	0.6	0.024	9.55	4.80	13.2	SB202RKP8	—		3.4	0.134	6	0.236	16	0.630	4	0.157	M5×0.5	—	0.10
		47	1.850	31	1.220	16	0.630	0.6	0.024	12.8	6.65	13.2	UC202	UC202L2		4	0.157	12.7	0.500	18.3	0.720	5	0.197	M6×0.75	—	0.19
—	5/8	40	1.575	22	0.866	12	0.472	0.6	0.024	9.55	4.80	13.2	SB202-10	—		—	—	6	0.236	16	0.630	4	0.157	—	No.10-32UNF	0.10
		40	1.575	22	0.866	12	0.472	0.6	0.024	9.55	4.80	13.2	SB202-10RKP8	—		3.4	0.134	6	0.236	16	0.630	4	0.157	—	No.10-32UNF	0.10
		47	1.850	31	1.220	16	0.630	0.6	0.024	12.8	6.65	13.2	UC202-10	UC202-10L2		4	0.157	12.7	0.500	18.3	0.720	5	0.197	—	1/4-28UNF	0.19
17	—	35	1.378	17.5	0.689	10	0.394	0.3	0.012	6.00	3.25	14.4	SU003	—		—	—	6	0.236	11.5	0.453	3.3	0.130	M4×0.5	—	0.050
		40	1.575	22	0.866	12	0.472	0.6	0.024	9.55	4.80	13.2	SB203	—		—	—	6	0.236	16	0.630	4	0.157	M5×0.5	—	0.10
		40	1.575	22	0.866	12	0.472	0.6	0.024	9.55	4.80	13.2	SB203RKP8	—		3.4	0.134	6	0.236	16	0.630	4	0.157	M5×0.5	—	0.10
		47	1.850	31	1.220	16	0.630	0.6	0.024	12.8	6.65	13.2	UC203	UC203L2		4	0.157	12.7	0.500	18.3	0.720	5	0.197	M6×0.75	—	0.18
—	3/4	47	1.850	25	0.984	14	0.551	1	0.039	12.8	6.65	13.2	SB204-12	—		—	—	7	0.276	18	0.709	5	0.197	—	1/4-28UNF	0.15
		47	1.850	25	0.984	14	0.551	1	0.039	12.8	6.65	13.2	SB204-12RKP8	—		3.7	0.146	7	0.276	18	0.709	5	0.197	—	1/4-28UNF	0.19
		47	1.850	31	1.220	16	0.630	1	0.039	12.8	6.65	13.2	UC204-12	UC204-12L2		4	0.157	12.7	0.500	18.3	0.720	5	0.197	—	1/4-28UNF	0.16
20	—	42	1.654	21	0.827	12	0.472	0.6	0.024	9.40	5.05	13.9	SU004	—		—	—	7	0.276	14	0.551	4	0.157	M5×0.5	—	0.080
		47	1.850	25	0.984	14	0.551	1	0.039	12.8	6.65	13.2	SB204	—		—	—	7	0.276	18	0.709	5	0.197	M6×0.75	—	0.15
		47	1.850	25	0.984	14	0.551	1	0.039	12.8	6.65	13.2	SB204RKP8	—		3.7	0.146	7	0.276	18	0.709	5	0.197	M6×0.75	—	0.19
		47	1.850	31	1.220	16	0.630	1	0.039	12.8	6.65	13.2	UC204	UC204L2		4	0.157	12.7	0.500	18.3	0.720	5	0.197	M6×0.75	—	0.16
—	7/8	52	2.047	27	1.063	15	0.591	1	0.039	14.0	7.85	13.9	SB205-14	—		—	—	7.5	0.295	19.5	0.768	5.5	0.217	—	1/4-28UNF	0.18
		52	2.047	27	1.063	15	0.591	1	0.039	14.0	7.85	13.9	SB205-14RKP8	—		3.7	0.146	7.5	0.295	19.5	0.768	5.5	0.217	—	1/4-28UNF	0.19
		52	2.047	34.1	1.343	17	0.669	1	0.039	14.0	7.85	13.9	UC205-14	UC205-14L2		4.5	0.177	14.3	0.563	19.8	0.780	5.5	0.217	—	1/4-28UNF	0.23
—	15/16	52	2.047	27	1.063	15	0.591	1	0.039	14.0	7.85	13.9	SB205-15	—		—	—	7.5	0.295	19.5	0.768	5.5	0.217	—	1/4-28UNF	0.18
		52	2.047	27	1.063	15	0.591	1	0.039	14.0	7.85	13.9	SB205-15RKP8	—		3.7	0.146	7.5	0.295	19.5	0.768	5.5	0.217	—	1/4-28UNF	0.19
		52	2.047	34.1	1.343	17	0.669	1	0.039	14.0	7.85	13.9	UC205-15	UC205-15L2		4.5	0.177	14.3	0.563	19.8	0.780	5.5	0.217	—	1/4-28UNF	0.21
25	—	47	1.850	22	0.866	12	0.472	0.6	0.024	10.1	5.85	14.5	SU005	—		—	—	7	0.276	15	0.591	4.5	0.177	M5×0.5	—	0.10
		52	2.047	27	1.063	15	0.591	1	0.039	14.0	7.85	13.9	SB205	—		—	—	7.5	0.295	19.5	0.768	5.5	0.217	M6×0.75	—	0.18
		52	2.047	27	1.063	15	0.591	1	0.039	14.0	7.85	13.9	SB205RKP8	—		3.7	0.146	7.5	0.295	19.5	0.768	5.5	0.217	M6×0.75	—	0.19
		52	2.047	34.1	1.343	17	0.669	1	0.039	14.0	7.85	13.9	UC205	UC205L2		4.5	0.177	14.3	0.563	19.8	0.780	5.5	0.217	M6×0.75	—	0.20
		62	2.441	38.1	1.500	19	0.748	1	0.039	19.5	11.3	13.9	UCX05	UCX05L3		5	0.197	15.9	0.626	22.2	0.874	6	0.236	M6×0.75	—	0.39
		62	2.441	38	1.496	22	0.866	1.1	0.043	21.2	10.9	12.6	UC305	—		6	0.236	15	0.591	23	0.906	6	0.236	M6×0.75	—	0.45
—	1	52	2.047	27	1.063	15	0.591	1	0.039	14.0	7.85	13.9	SB205-16	—		—	—	7.5	0.295	19.5	0.768	5.5	0.217	—	1/4-28UNF	0.18
		52	2.047	27	1.063	15	0.591	1	0.039	14.0	7.85	13.9	SB205-16RKP8	—		3.7	0.146	7.5	0.295	19.5	0.768	5.5	0.217	—	1/4-28UNF	0.19
		52	2.047	34.1	1.343	17	0.669	1	0.039	14.0	7.85	13.9	UC205-16	UC205-16L2		4.5	0.177	14.3	0.563	19.8	0.780	5.5	0.217	—	1/4-28UNF	0.20
		62	2.441	38.1	1.500	19	0.748	1	0.039	19.5	11.3	13.9	UCX05-16	UCX05-16L3		5	0.197	15.9	0.626	22.2	0.874	6	0.236	—	1/4-28UNF	0.38
		62	2.441	38	1.496	22	0.866	1.1	0.043	21.2	10.9	12.6	UC305-16	—		6	0.236	15	0.591	23	0.906	6	0.236	M6×0.75	—	0.44
—	1 1/8	62	2.441	30	1.181	16	0.630	1	0.039	19.5	11.3	13.9	SB206-18	—		—	—	8	0.315	22	0.866	6	0.236	—	1/4-28UNF	0.27
		62	2.441	30	1.181	16	0.630	1	0.039	19.5	11.3	13.9	SB206-18RKP8	—		4.7	0.185	8	0.315	22	0.866	6	0.236	—	1/4-28UNF	0.31
		62	2.441	38.1	1.500	19	0.748	1	0.039	19.5	11.3	13.9	UC206-18	UC206-18L3		5	0.197	15.9	0.626	2						

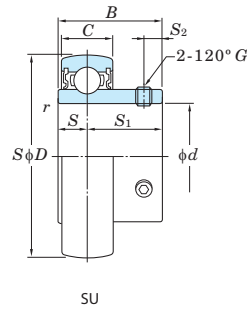
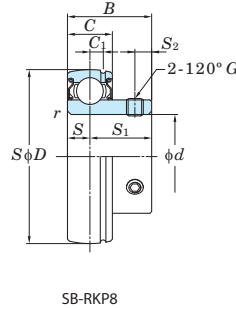
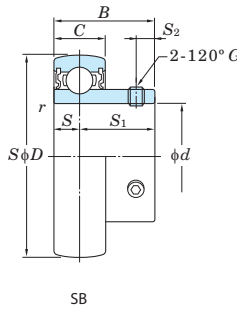
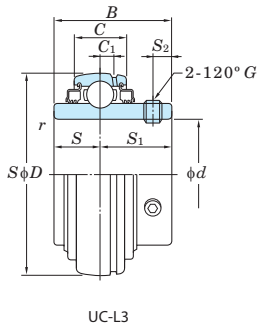
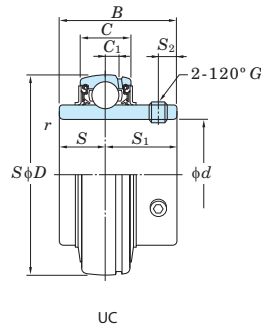
UC, SB, SB-RKP8, SU
Cylindrical bore (with set screws)
d 30 ~ 40 mm



Shaft Dia. mm inch		Dimensions							Basic Load Ratings kN		Factor	Bearing No.			Dimensions								Set Screw Brg. Bore G		Mass	
d		D		B		C		r (min.)		C _r	C _{0r}	f ₀	Standard	L3 Type		C ₁		S		S ₁		S ₂		mm inch		kg
mm	inch	mm	inch	mm	inch	mm	inch	mm	inch							mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	
30	—	55	2.165	24.5	0.965	13	0.512	1	0.039	13.2	8.25	14.7	SU006	—		—	—	7.5	0.295	17	0.669	5.5	0.217	M5×0.5	—	0.15
		62	2.441	30	1.181	16	0.630	1	0.039	19.5	11.3	13.9	SB206	—		—	—	8	0.315	22	0.866	6	0.236	M6×0.75	—	0.27
		62	2.441	30	1.181	16	0.630	1	0.039	19.5	11.3	13.9	SB206RKP8	—		4.7	0.185	8	0.315	22	0.866	6	0.236	M6×0.75	—	0.31
		62	2.441	38.1	1.500	19	0.748	1	0.039	19.5	11.3	13.9	UC206	UC206L3		5	0.197	15.9	0.626	22.2	0.874	6	0.236	M6×0.75	—	0.32
		72	2.835	42.9	1.689	20	0.787	1	0.039	25.7	15.4	13.9	UCX06	UCX06L3		5.5	0.217	17.5	0.689	25.4	1.000	6.5	0.256	M8×1	—	0.58
		72	2.835	43	1.693	24	0.945	1.1	0.043	26.7	15.0	13.3	UC306	—		6.5	0.256	17	0.669	26	1.024	6	0.236	M6×0.75	—	0.56
—	1 3/16	62	2.441	30	1.181	16	0.630	1	0.039	19.5	11.3	13.9	SB206-19	—		—	—	8	0.315	22	0.866	6	0.236	—	1/4-28UNF	0.27
		62	2.441	30	1.181	16	0.630	1	0.039	19.5	11.3	13.9	SB206-19RKP8	—		4.7	0.185	8	0.315	22	0.866	6	0.236	—	1/4-28UNF	0.31
		62	2.441	38.1	1.500	19	0.748	1	0.039	19.5	11.3	13.9	UC206-19	UC206-19L3		5	0.197	15.9	0.626	22.2	0.874	6	0.236	—	1/4-28UNF	0.32
		72	2.835	42.9	1.689	20	0.787	1	0.039	25.7	15.4	13.9	UCX06-19	UCX06-19L3		5.5	0.217	17.5	0.689	25.4	1.000	6.5	0.256	—	5/16-24UNF	0.58
—	1 1/4	62	2.441	30	1.181	16	0.630	1	0.039	19.5	11.3	13.9	SB206-20	—		—	—	8	0.315	22	0.866	6	0.236	—	1/4-28UNF	0.27
		62	2.441	30	1.181	16	0.630	1	0.039	19.5	11.3	13.9	SB206-20RKP8	—		4.7	0.185	8	0.315	22	0.866	6	0.236	—	1/4-28UNF	0.31
		62	2.441	38.1	1.500	19	0.748	1	0.039	19.5	11.3	13.9	UC206-20	UC206-20L3		5	0.197	15.9	0.626	22.2	0.874	6	0.236	—	1/4-28UNF	0.30
		72	2.835	42.9	1.689	20	0.787	1	0.039	25.7	15.4	13.9	UCX06-20	UCX06-20L3		5.5	0.217	17.5	0.689	25.4	1.000	6.5	0.256	—	5/16-24UNF	0.55
—	1 1/4	72	2.835	32	1.260	17	0.669	1.1	0.043	25.7	15.4	13.9	SB207-20	—		—	—	8.5	0.335	23.5	0.925	6	0.236	—	1/4-28UNF	0.42
		72	2.835	32	1.260	17	0.669	1.1	0.043	25.7	15.4	13.9	SB207-20RKP8	—		5	0.197	8.5	0.335	23.5	0.925	6	0.236	—	1/4-28UNF	0.51
		72	2.835	42.9	1.689	20	0.787	1.1	0.043	25.7	15.4	13.9	UC207-20	UC207-20L3		5.5	0.217	17.5	0.689	25.4	1.000	6.5	0.256	—	5/16-24UNF	0.54
—	1 5/16	72	2.835	42.9	1.689	20	0.787	1.1	0.043	25.7	15.4	13.9	UC207-21	UC207-21L3		5.5	0.217	17.5	0.689	25.4	1.000	6.5	0.256	—	5/16-24UNF	0.51
—	1 3/8	72	2.835	32	1.260	17	0.669	1.1	0.043	25.7	15.4	13.9	SB207-22	—		—	—	8.5	0.335	23.5	0.925	6	0.236	—	1/4-28UNF	0.42
		72	2.835	32	1.260	17	0.669	1.1	0.043	25.7	15.4	13.9	SB207-22RKP8	—		5	0.197	8.5	0.335	23.5	0.925	6	0.236	—	1/4-28UNF	0.51
		72	2.835	42.9	1.689	20	0.787	1.1	0.043	25.7	15.4	13.9	UC207-22	UC207-22L3		5.5	0.217	17.5	0.689	25.4	1.000	6.5	0.256	—	5/16-24UNF	0.48
		80	3.150	49.2	1.937	21	0.827	1.1	0.043	29.1	17.8	14.0	UCX07-22	UCX07-22L3		6	0.236	19	0.748	30.2	1.189	8	0.315	—	5/16-24UNF	0.75
		72	2.835	32	1.260	17	0.669	1.1	0.043	25.7	15.4	13.9	SB207	—		—	—	8.5	0.335	23.5	0.925	6	0.236	M6×0.75	—	0.42
35	—	72	2.835	32	1.260	17	0.669	1.1	0.043	25.7	15.4	13.9	SB207RKP8	—		5	0.197	8.5	0.335	23.5	0.925	6	0.236	M6×0.75	—	0.51
		72	2.835	42.9	1.689	20	0.787	1.1	0.043	25.7	15.4	13.9	UC207	UC207L3		5.5	0.217	17.5	0.689	25.4	1.000	6.5	0.256	M8×1	—	0.48
		80	3.150	49.2	1.937	21	0.827	1.1	0.043	29.1	17.8	14.0	UCX07	UCX07L3		6	0.236	19	0.748	30.2	1.189	8	0.315	M8×1	—	0.75
		80	3.150	48	1.890	26	1.024	1.5	0.059	33.4	19.3	13.2	UC307	UC307L3		7.5	0.295	19	0.748	29	1.142	8	0.315	M8×1	—	0.71
		72	2.835	32	1.260	17	0.669	1.1	0.043	25.7	15.4	13.9	SB207-23	—		—	—	8.5	0.335	23.5	0.925	6	0.236	—	1/4-28UNF	0.42
—	1 7/16	72	2.835	32	1.260	17	0.669	1.1	0.043	25.7	15.4	13.9	SB207-23RKP8	—		5	0.197	8.5	0.335	23.5	0.925	6	0.236	—	1/4-28UNF	0.51
		72	2.835	42.9	1.689	20	0.787	1.1	0.043	25.7	15.4	13.9	UC207-23	UC207-23L3		5.5	0.217	17.5	0.689	25.4	1.000	6.5	0.256	—	5/16-24UNF	0.45
		80	3.150	49.2	1.937	21	0.827	1.1	0.043	29.1	17.8	14.0	UCX07-23	UCX07-23L3		6	0.236	19	0.748	30.2	1.189	8	0.315	—	5/16-24UNF	0.72
		80	3.150	34	1.339	18	0.709	1.1	0.043	29.1	17.8	14.0	SB208-24	—		—	—	9	0.354	25	0.984	8	0.315	—	5/16-24UNF	0.60
—	1 1/2	80	3.150	34	1.339	18	0.709	1.1	0.043	29.1	17.8	14.0	SB208-24RKP8	—		5.2	0.205	9	0.354	25	0.984	8	0.315	—	5/16-24UNF	0.65
		80	3.150	49.2	1.937	21	0.827	1.1	0.043	29.1	17.8	14.0	UC208-24	UC208-24L3		6	0.236	19	0.748	30.2	1.189	8	0.315	—	5/16-24UNF	0.68
		85	3.346	49.2	1.937	22	0.866	1.1	0.043	34.1	21.3	14.0	UCX08-24	UCX08-24L3		6	0.236	19	0.748	30.2	1.189	8	0.315	—	5/16-24UNF	0.87
		90	3.543	52	2.047	28	1.102	1.5	0.059	40.7	24.0	13.2	UC308-24	UC308-24L3		8	0.315	19	0.748	33	1.299	10	0.394	M10×1.25	—	1.05
		80	3.150	49.2	1.937	21	0.827	1.1	0.043	29.1	17.8	14.0	UC208-25	UC208-25L3		6	0.236	19	0.748	30.2	1.189	8	0.315	—	5/16-24UNF	0.60
40	—	80	3.150	34	1.339	18	0.709	1.1	0.043	29.1	17.8	14.0	SB208	—		—	—	9	0.354	25	0.984	8	0.315	M8×1	—	0.60
		80	3.150	34	1.339	18	0.709	1.1	0.043	29.1	17.8	14.0	SB208RKP8	—		5.2	0.205	9	0.354	25	0.984	8	0.315	M8×1	—	0.65
		80	3.150	49.2	1.937	21	0.827	1.1	0.043	29.1	17.8	14.0	UC208	UC208L3		6	0.236	19	0.748	30.2	1.189	8	0.315	M8×1	—	0.64
		85	3.346	49.2	1.937	22	0.866	1.1	0.043	34.1	21.3	14.0	UCX08	UCX08L3		6	0.236	19	0.748	30.2	1.189	8	0.315	M8×1	—	0.83
		90	3.543	52	2.047	28	1.102	1.5	0.059	40.7	24.0	13.2	UC308	UC308L3		8	0.315	19	0.748	33	1.299	10	0.394	M10×1.25	—	1.00
		85	3.346	49.2	1.937	22	0.866	1.1	0.043	34.1	21.3	14.0	UC209-26	UC209-26L3		6	0.236	19	0.748	30.2	1.189	8	0.315	—	5/16-24UNF	0.78
—	1 11/16	85	3.346	49.2	1.937	22	0.866	1.1	0.043	34.1	21.3	14.0	UC209-27	UC209-27L3		6	0.236	19	0.748	30.2	1.189	8	0.315	—	5/16-24UNF	0.74
		90	3.543	51.6	2.031	24	0.945	1.1	0.043	35.1	23.3	14.4	UCX09-27	UCX09-27L3		6	0.236	19	0.748	32.6	1.283	9	0.354	—	3/8-24UNF	0.93
—	1 3/4	85	3.346	49.2	1.937	22	0.866	1.1	0.043	34.1	21.3	14.0	UC209-28	UC209-28L3		6	0.236	19	0.748	30.2	1.189	8	0.315	—	5/16-24UNF	0.70
		90	3.543	51.6	2.031	24	0.945	1.1	0.043	35.1	23.3	14.4	UCX09-28	UCX09-28L3		6	0.236	19	0.748	32.6	1.283	9	0.354	—	3/8-24UNF	0.97
		100	3.937	57	2.244	30	1.181	1.5																		

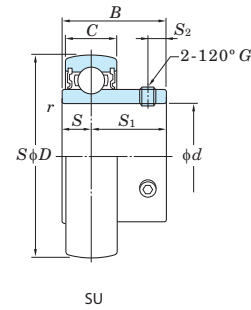
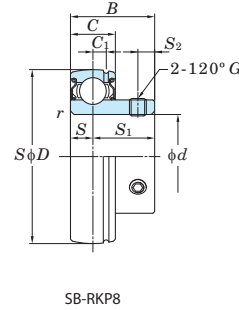
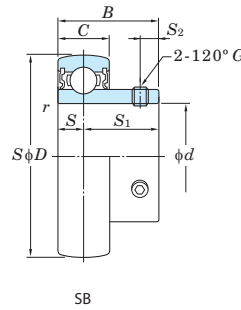
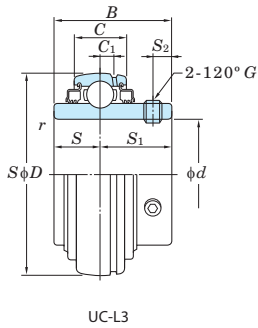
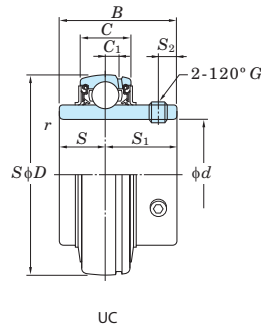
Remarks 1. SU type product is the clean series ball bearing for unit.
2. From UC201 to 205 are the double seal type products (L2).

UC, SB, SB-RKP8, SU
Cylindrical bore (with set screws)
d 45 ~ (75) mm



Shaft Dia. mm inch		Dimensions								Basic Load Ratings kN		Factor	Bearing No.			Dimensions								Set Screw Brg. Bore G		Mass
d		D		B		C		r (min.)		C _r	C _{0r}	f ₀	Standard	L3 Type		C ₁		S		S ₁		S ₂		mm inch		kg
		mm	inch	mm	inch	mm	inch	mm	inch							mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	
45	—	85	3.346	49.2	1.937	22	0.866	1.1	0.043	34.1	21.3	14.0	UC209	UC209L3		6	0.236	19	0.748	30.2	1.189	8	0.315	M8×1	—	0.68
		90	3.543	51.6	2.031	24	0.945	1.1	0.043	35.1	23.3	14.4	UCX09	UCX09L3		6	0.236	19	0.748	32.6	1.283	9	0.354	M10×1.25	—	0.95
		100	3.937	57	2.244	30	1.181	1.5	0.059	48.9	29.5	13.3	UC309	UC309L3		8.5	0.335	22	0.866	35	1.378	10	0.394	M10×1.25	—	1.33
—	1 7/8	90	3.543	51.6	2.031	24	0.945	1.1	0.043	35.1	23.3	14.4	UC210-30	UC210-30L3		6	0.236	19	0.748	32.6	1.283	9	0.354	—	3/8-24UNF	0.87
—	1 15/16	90	3.543	51.6	2.031	24	0.945	1.1	0.043	35.1	23.3	14.4	UC210-31	UC210-31L3		6	0.236	19	0.748	32.6	1.283	9	0.354	—	3/8-24UNF	0.82
		100	3.937	55.6	2.189	25	0.984	1.1	0.043	43.4	29.4	14.4	UCX10-31	UCX10-31L3		7	0.276	22.2	0.874	33.4	1.315	9	0.354	—	3/8-24UNF	1.32
50	—	90	3.543	51.6	2.031	24	0.945	1.1	0.043	35.1	23.3	14.4	UC210	UC210L3		6	0.236	19	0.748	32.6	1.283	9	0.354	M10×1.25	—	0.80
		100	3.937	55.6	2.189	25	0.984	1.1	0.043	43.4	29.4	14.4	UCX10	UCX10L3		7	0.276	22.2	0.874	33.4	1.315	9	0.354	M10×1.25	—	1.29
		110	4.331	61	2.402	32	1.260	2	0.079	62.0	38.3	13.2	UC310	UC310L3		9	0.354	22	0.866	39	1.535	12	0.472	M12×1.5	—	1.69
—	2	90	3.543	51.6	2.031	24	0.945	1.1	0.043	35.1	23.3	14.4	UC210-32	UC210-32L3		6	0.236	19	0.748	32.6	1.283	9	0.354	—	3/8-24UNF	0.78
		100	3.937	55.6	2.189	25	0.984	1.1	0.043	43.4	29.4	14.4	UCX10-32	UCX10-32L3		7	0.276	22.2	0.874	33.4	1.315	9	0.354	—	3/8-24UNF	1.26
—	2	100	3.937	55.6	2.189	25	0.984	1.5	0.059	43.4	29.4	14.4	UC211-32	UC211-32L3		7	0.276	22.2	0.874	33.4	1.315	9	0.354	—	3/8-24UNF	1.26
		120	4.724	66	2.598	34	1.339	2	0.079	71.6	45.0	13.2	UC311-32	UC311-32L3		10	0.394	25	0.984	41	1.614	12	0.472	M12×1.5	—	2.08
—	2 1/8	100	3.937	55.6	2.189	25	0.984	1.5	0.059	43.4	29.4	14.4	UC211-34	UC211-34L3		7	0.276	22.2	0.874	33.4	1.315	9	0.354	—	3/8-24UNF	1.15
55	—	100	3.937	55.6	2.189	25	0.984	1.5	0.059	43.4	29.4	14.4	UC211	UC211L3		7	0.276	22.2	0.874	33.4	1.315	9	0.354	M10×1.25	—	1.11
		110	4.331	65.1	2.563	27	1.063	1.5	0.059	52.4	36.2	14.4	UCX11	UCX11L3		7.5	0.295	25.4	1.000	39.7	1.563	10.5	0.413	M10×1.25	—	1.80
		120	4.724	66	2.598	34	1.339	2	0.079	71.6	45.0	13.2	UC311	UC311L3		10	0.394	25	0.984	41	1.614	12	0.472	M12×1.5	—	1.90
—	2 3/16	100	3.937	55.6	2.189	25	0.984	1.5	0.059	43.4	29.4	14.4	UC211-35	UC211-35L3		7	0.276	22.2	0.874	33.4	1.315	9	0.354	—	3/8-24UNF	1.09
		110	4.331	65.1	2.563	27	1.063	1.5	0.059	52.4	36.2	14.4	UCX11-35	UCX11-35L3		7.5	0.295	25.4	1.000	39.7	1.563	10.5	0.413	—	3/8-24UNF	1.78
		120	4.724	66	2.598	34	1.339	2	0.079	71.6	45.0	13.2	UC311-35	UC311-35L3		10	0.394	25	0.984	41	1.614	12	0.472	M12×1.5	—	1.67
—	2 1/4	110	4.331	65.1	2.563	27	1.063	1.5	0.059	52.4	36.2	14.4	UCX11-36	UCX11-36L3		7.5	0.295	25.4	1.000	39.7	1.563	10.5	0.413	—	3/8-24UNF	1.7
—	2 1/4	110	4.331	65.1	2.563	27	1.063	1.5	0.059	52.4	36.2	14.4	UC212-36	UC212-36L3		7.5	0.295	25.4	1.000	39.7	1.563	10.5	0.413	—	3/8-24UNF	1.67
60	—	110	4.331	65.1	2.563	27	1.063	1.5	0.059	52.4	36.2	14.4	UC212	UC212L3		7.5	0.295	25.4	1.000	39.7	1.563	10.5	0.413	M10×1.25	—	1.54
		120	4.724	65.1	2.563	28	1.102	1.5	0.059	57.2	40.1	14.4	UCX12	UCX12L3		7.5	0.295	25.4	1.000	39.7	1.563	12	0.472	M12×1.5	—	2.05
		130	5.118	71	2.795	36	1.417	2.1	0.083	81.9	52.2	13.2	UC312	UC312L3		11.5	0.453	26	1.024	45	1.772	12	0.472	M12×1.5	—	2.60
—	2 3/8	110	4.331	65.1	2.563	27	1.063	1.5	0.059	52.4	36.2	14.4	UC212-38	UC212-38L3		7.5	0.295	25.4	1.000	39.7	1.563	10.5	0.413	—	3/8-24UNF	1.52
—	2 7/16	110	4.331	65.1	2.563	27	1.063	1.5	0.059	52.4	36.2	14.4	UC212-39	UC212-39L3		7.5	0.295	25.4	1.000	39.7	1.563	10.5	0.413	—	3/8-24UNF	1.45
		120	4.724	65.1	2.563	28	1.102	1.5	0.059	57.2	40.1	14.4	UCX12-39	UCX12-39L3		7.5	0.295	25.4	1.000	39.7	1.563	12	0.472	—	1/2-20UNF	1.95
		130	5.118	71	2.795	36	1.417	2.1	0.083	81.9	52.2	13.2	UC312-39	UC312-39L3		11.5	0.453	26	1.024	45	1.772	12	0.472	M12×1.5	—	2.50
—	2 1/2	120	4.724	65.1	2.563	28	1.102	1.5	0.059	57.2	40.1	14.4	UC213-40	UC213-40L3		7.5	0.295	25.4	1.000	39.7	1.563	12	0.472	—	1/2-20UNF	1.94
		125	4.921	74.6	2.937	30	1.181	1.5	0.059	62.2	44.1	14.5	UCX13-40	UCX13-40L3		9	0.354	30.2	1.189	44.4	1.748	12	0.472	—	1/2-20UNF	2.61
		140	5.512	75	2.953	38	1.496	2.1	0.083	92.7	59.9	13.2	UC313-40	UC313-40L3		12	0.472	30	1.181	45	1.772	12	0.472	M12×1.5	—	3.24
65	—	120	4.724	65.1	2.563	28	1.102	1.5	0.059	57.2	40.1	14.4	UC213	UC213L3		7.5	0.295	25.4	1.000	39.7	1.563	12	0.472	M12×1.5	—	1.86
		125	4.921	74.6	2.937	30	1.181	1.5	0.059	62.2	44.1	14.5	UCX13	UCX13L3		9	0.354	30.2	1.189	44.4	1.748	12	0.472	M12×1.5	—	2.52
		140	5.512	75	2.953	38	1.496	2.1	0.083	92.7	59.9	13.2	UC313	UC313L3		12	0.472	30	1.181	45	1.772	12	0.472	M12×1.5	—	3.16
—	2 3/4	125	4.921	74.6	2.937	30	1.181	1.5	0.059	62.2	44.1	14.5	UC214-44	UC214-44L3		9	0.354	30.2	1.189	44.4	1.748	12	0.472	—	1/2-20UNF	2.06
		130	5.118	77.8	3.063	32	1.260	1.5	0.059	67.4	48.3	14.5	UCX14-44	UCX14-44L3		9	0.354	33.3	1.311	44.5	1.752	12	0.472	—	1/2-20UNF	2.75
		150	5.906	78	3.071	40	1.575	2.1	0.083	104	68.2	13.2	UC314-44	UC314-44L3		12.5	0.492	33	1.299	45	1.772	12	0.472	M12×1.5	—	3.91
70	—	125	4.921	74.6	2.937	30	1.181	1.5	0.059	62.2	44.1	14.5	UC214	UC214L3		9	0.354	30.2	1.189	44.4	1.748	12	0.472	M12×1.5	—	2.05
		130	5.118	77.8	3.063	32	1.260	1.5	0.059	67.4	48.3	14.5	UCX14	UCX14L3		9	0.354	33.3	1.311	44.5	1.752	12	0.472	M12×1.5	—	2.74
		150	5.906	78	3.071	40	1.575	2.1	0.083	104	68.2	13.2	UC314	UC314L3		12.5	0.492	33	1.299	45	1.772	12	0.472	M12×1.5	—	3.90
—	2 15/16	130	5.118	77.8	3.063	32	1.260	1.5	0.059	67.4	48.3	14.5	UC215-47	UC215-47L3		9	0.354	33.3	1.311	44.5	1.752	12	0.472	—	1/2-20UNF	2.23
		140	5.512	82.6	3.252	33	1.299	1.5	0.059	72.7	53.0	14.6	UCX15-47	UCX15-47L3		9	0.354	33.3	1.311	49.3						

UC, SB, SB-RKP8, SU
Cylindrical bore (with set screws)
d (75) ~ 140 mm



Shaft Dia. mm inch		Dimensions								Basic Load Ratings kN		Factor	Bearing No.			Dimensions								Set Screw Brg. Bore G		Mass
d		D		B		C		r (min.)		C _r	C _{0r}	f ₀	Standard	L3 Type		C ₁		S		S ₁		S ₂		mm inch	kg	
		mm	inch	mm	inch	mm	inch	mm	inch							mm	inch	mm	inch	mm	inch	mm	inch			mm
—	3 1/8	140	5.512	82.6	3.252	33	1.299	2	0.079	72.7	53.0	14.6	UC216-50	UC216-50L3		9	0.354	33.3	1.311	49.3	1.941	14	0.551	—	1/2-20UNF	2.84
80	—	140	5.512	82.6	3.252	33	1.299	2	0.079	72.7	53.0	14.6	UC216	UC216L3		9	0.354	33.3	1.311	49.3	1.941	14	0.551	M12×1.5	—	2.79
		150	5.906	85.7	3.374	35	1.378	2	0.079	84.0	61.9	14.5	UCX16	UCX16L3		10	0.394	34.1	1.343	51.6	2.031	14	0.551	M12×1.5	—	3.87
		170	6.693	86	3.386	44	1.732	2.1	0.083	123	86.7	13.3	UC316	UC316L3		15	0.591	34	1.339	52	2.047	14	0.551	M14×1.5	—	5.60
—	3 1/4	150	5.906	85.7	3.374	35	1.378	2	0.079	84.0	61.9	14.5	UC217-52	UC217-52L3		10	0.394	34.1	1.343	51.6	2.031	14	0.551	—	1/2-20UNF	3.66
85	—	150	5.906	85.7	3.374	35	1.378	2	0.079	84.0	61.9	14.5	UC217	UC217L3		10	0.394	34.1	1.343	51.6	2.031	14	0.551	M12×1.5	—	3.45
		160	6.299	96	3.780	38	1.496	2	0.079	96.1	71.5	14.5	UCX17	UCX17L3		11	0.433	39.7	1.563	56.3	2.217	15	0.591	M12×1.5	—	5.05
		180	7.087	96	3.780	46	1.811	3	0.118	133	96.8	13.3	UC317	UC317L3		15	0.591	40	1.575	56	2.205	16	0.630	M16×1.5	—	6.90
—	3 7/16	160	6.299	96	3.780	38	1.496	2	0.079	96.1	71.5	14.5	UCX17-55	UCX17-55L3		11	0.433	39.7	1.563	56.3	2.217	15	0.591	—	1/2-20UNF	4.80
—	3 1/2	160	6.299	96	3.780	38	1.496	2	0.079	96.1	71.5	14.5	UC218-56	UC218-56L3		11	0.433	39.7	1.563	56.3	2.217	15	0.591	—	1/2-20UNF	4.46
		190	7.480	96	3.780	48	1.890	3	0.118	143	107	13.3	UC318-56	UC318-56L3		15.5	0.610	40	1.575	56	2.205	16	0.630	M16×1.5	—	8.03
90	—	160	6.299	96	3.780	38	1.496	2	0.079	96.1	71.5	14.5	UC218	UC218L3		11	0.433	39.7	1.563	56.3	2.217	15	0.591	M12×1.5	—	4.35
		170	6.693	104	4.094	40	1.575	2	0.079	109	81.9	14.4	UCX18	—		11.5	0.453	42.9	1.689	61.1	2.406	16	0.630	M14×1.5	—	6.00
		190	7.480	96	3.780	48	1.890	3	0.118	143	107	13.3	UC318	UC318L3		15.5	0.610	40	1.575	56	2.205	16	0.630	M16×1.5	—	7.87
95	—	200	7.874	103	4.055	50	1.969	3	0.118	153	119	13.3	UC319	UC319L3		16.5	0.650	41	1.614	62	2.441	18	0.709	M16×1.5	—	8.91
100	—	190	7.480	117.5	4.626	43	1.693	2.1	0.083	133	105	14.4	UCX20	—		13	0.512	49.2	1.937	68.3	2.689	18	0.709	M16×1.5	—	8.56
		215	8.465	108	4.252	54	2.126	3	0.118	173	141	13.2	UC320	UC320L3		18	0.709	42	1.654	66	2.598	20	0.787	M18×1.5	—	11.2
—	3 15/16	190	7.480	117.5	4.626	43	1.693	2.1	0.083	133	105	14.4	UCX20-63	—		13	0.512	49.2	1.937	68.3	2.689	18	0.709	—	5/8-18UNF	8.56
		215	8.465	108	4.252	54	2.126	3	0.118	173	141	13.2	UC320-63	UC320-63L3		18	0.709	42	1.654	66	2.598	20	0.787	M18×1.5	—	11.2
—	4	190	7.480	117.5	4.626	43	1.693	2.1	0.083	133	105	14.4	UCX20-64	—		13	0.512	49.2	1.937	68.3	2.689	18	0.709	—	5/8-18UNF	8.33
		215	8.465	108	4.252	54	2.126	3	0.118	173	141	13.2	UC320-64	UC320-64L3		18	0.709	42	1.654	66	2.598	20	0.787	M18×1.5	—	11.0
105	—	225	8.858	112	4.409	56	2.205	3	0.118	184	153	13.2	UC321	—		19	0.748	44	1.732	68	2.677	20	0.787	M18×1.5	—	12.7
110		240	9.449	117	4.606	60	2.362	3	0.118	205	180	13.2	UC322	UC322L3		20	0.787	46	1.811	71	2.795	20	0.787	M18×1.5	—	15.1
120		260	10.236	126	4.961	64	2.520	3	0.118	207	185	13.5	UC324	UC324L3		21	0.827	51	2.008	75	2.953	20	0.787	M18×1.5	—	19.0
130		280	11.024	135	5.315	68	2.677	4	0.157	229	214	13.6	UC326	UC326L3		22	0.866	54	2.126	81	3.189	20	0.787	M20×1.5	—	23.6
140		300	11.811	145	5.709	72	2.835	4	0.157	253	246	13.6	UC328	UC328L3		23	0.906	59	2.323	86	3.386	20	0.787	M20×1.5	—	29.4

Remarks 1. SU type product is the clean series ball bearing for unit.
2. From UC201 to 205 are the double seal type products (L2).