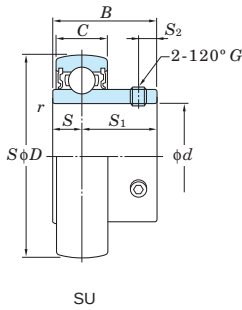
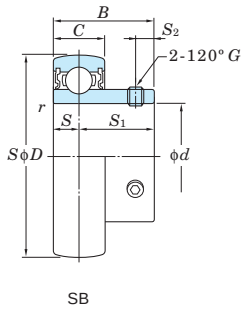
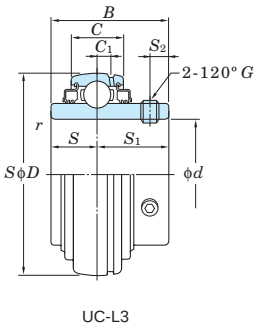
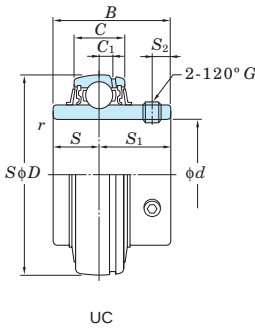


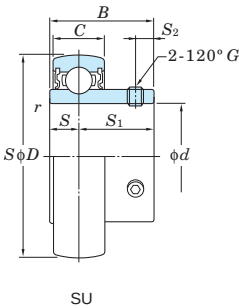
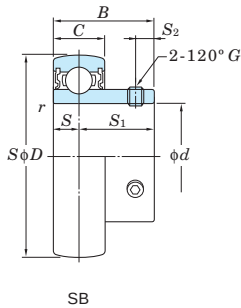
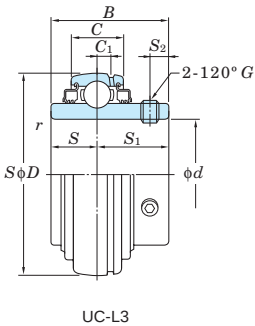
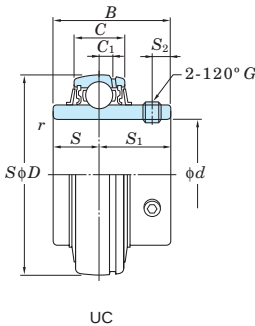
UC, SB, SU
Cylindrical bore (with set screws)
d 8 ~ (30) mm



Shaft Dia. mm inch	Dimensions								Basic Load Ratings kN	Factor f ₀	Bearing No.		Dimensions	Set Screw Brg. Bore G				Mass kg			
											Standard	L3 Type									
	d	D	B	C	r (min.)	C _r	C _{0r}	C ₁				S	S ₁	S ₂	mm inch						
8	—	22	0.866	12	0.472	7	0.276	0.3	0.012	3.27	1.37	12.4	SU08	—	—	—	—	—	0.012		
10	—	26	1.024	15	0.591	8	0.315	0.3	0.012	4.55	1.95	12.3	SU000	—	—	—	—	—	0.024		
12	—	28	1.102	15	0.591	8	0.315	0.3	0.012	5.10	2.40	13.2	SU001	—	—	—	—	—	0.026		
		40	1.575	22	0.866	12	0.472	0.6	0.024	9.55	4.80	13.2	SB201	—	—	—	—	—	0.10		
—	1/2	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	0.21	
		40	1.575	22	0.866	12	0.472	0.6	0.024	9.55	4.80	13.2	SB201-8	—	—	—	—	No.10-32UNF	0.10		
—	5/8	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	0.21	
		32	1.260	16.5	0.650	9	0.354	0.3	0.012	5.60	2.85	13.9	SU002	—	—	—	—	—	0.038		
15	—	40	1.575	22	0.866	12	0.472	0.6	0.024	9.55	4.80	13.2	SB202	—	—	—	—	—	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	0.19	
—	5/8	40	1.575	22	0.866	12	0.472	0.6	0.024	9.55	4.80	13.2	SB202-10	—	—	—	—	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	0.19	
17	—	35	1.378	17.5	0.689	10	0.394	0.3	0.012	6.00	3.25	14.4	SU003	—	—	—	—	—	0.050		
		40	1.575	22	0.866	12	0.472	0.6	0.024	9.55	4.80	13.2	SB203	—	—	—	—	—	0.10		
—	3/4	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	0.18	
		47	1.850	25	0.984	14	0.551	1	0.039	12.8	6.65	13.2	SB204-12	—	—	—	—	1/4-28UNF	0.15		
20	—	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	0.16	
		42	1.654	21	0.827	12	0.472	0.6	0.024	9.40	5.05	13.9	SU004	—	—	—	—	—	0.080		
—	7/8	47	1.850	25	0.984	14	0.551	1	0.039	12.8	6.65	13.2	SB204	—	—	—	—	—	0.15		
		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	0.16	
—	15/16	52	2.047	27	1.063	15	0.591	1	0.039	14.0	7.85	13.9	SB205-14	—	—	—	—	1/4-28UNF	0.18		
		52	2.047	34.1	1.343	17	0.669	1	0.039	14.0	7.85	13.9	UC205-14	UC205-14L2	5	0.197	14.3	0.563	19.8	0.23	
25	—	52	2.047	27	1.063	15	0.591	1	0.039	14.0	7.85	13.9	SB205-15	—	—	—	—	1/4-28UNF	0.18		
		52	2.047	34.1	1.343	17	0.669	1	0.039	14.0	7.85	13.9	UC205-15	UC205-15L2	5	0.197	14.3	0.563	19.8	0.21	
—	1	47	1.850	22	0.866	12	0.472	0.6	0.024	10.1	5.85	14.5	SU005	—	—	—	—	—	0.10		
		52	2.047	27	1.063	15	0.591	1	0.039	14.0	7.85	13.9	SB205	—	—	—	—	—	0.18		
—	1 1/8	52	2.047	34.1	1.343	17	0.669	1	0.039	14.0	7.85	13.9	UC205	UC205L2	5	0.197	14.3	0.563	19.8	0.20	
		62	2.441	38	1.496	22	0.866	1.1	0.043	21.2	10.9	12.6	UC305	—	—	—	—	—	0.45		
—	1 1/4	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	0.39	
		52	2.047	27	1.063	15	0.591	1	0.039	14.0	7.85	13.9	SB205-16	—	—	—	—	1/4-28UNF	0.18		
—	1 1/2	52	2.047	34.1	1.343	17	0.669	1	0.039	14.0	7.85	13.9	UC205-16	UC205-16L2	5	0.197	14.3	0.563	19.8	0.20	
		62	2.441	38	1.496	22	0.866	1.1	0.043	21.2	10.9	12.6	UC305-16	—	—	—	—	—	0.44		
—	1 5/8	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	0.38	
		62	2.441	30	1.181	16	0.630	1	0.039	19.5	11.3	13.9	SB206-18	—	—	—	—	1/4-28UNF	0.27		
30	—	62	2.441	38.1	1.500	19	0.748	1	0.039	19.5	11.3	13.9	UC206-18	UC206-18L2	5	0.197	15.9	0.626	22.2	0.34	
		55	2.165	24.5	0.965	13	0.512	1	0.039	13.2	8.25	14.7	SU006	—	—	—	—	—	0.15		
—	1 3/4	62	2.441	30	1.181	16	0.630	1	0.039	19.5	11.3	13.9	SB206	—	—	—	—	—	0.27		
		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	0.32	
—	1 7/8	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	0.58	
		72	2.835	43	1.693	24	0.945	1.1	0.043	26.7	15.0	13.3	UC306	—	—	—	—	—	0.56		
—	2	62	2.441	30	1.181	16	0.630	1	0.039	19.5	11.3	13.9	SB206-19	—	—	—	—	1/4-28UNF	0.27		
		62	2.441	38.1	1.500	19	0.748	1	0.039	19.5	11.3	13.9	UC206-19	UC206-19L2	5	0.197	15.9	0.626	22.2	0.32	
—	2 1/4	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	0.58	
		62	2.441	30	1.181	16	0.630	1	0.039	19.5	11.3	13.9	SB206-20	—	—	—	—	1/4-28UNF	0.27		
—	2 1/2	62	2.441	38.1	1.500	19	0.748	1	0.039	19.5	11.3	13.9	UC206-20	UC206-20L2	5	0.197	15.9	0.626	22.2	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	0.55	
—	2 3/4	72	2.835	32	1.260	17	0.669	1.1	0.043	25.7	15.4	13.9	SB207-20	—	—	—	—	1/4-28UNF	0.42		
		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	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	0.51	

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).

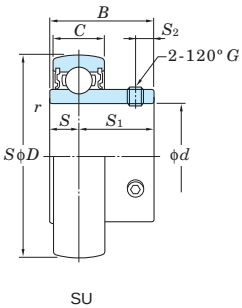
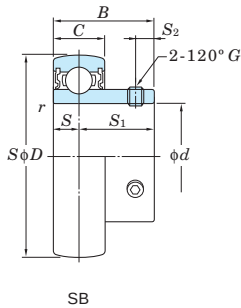
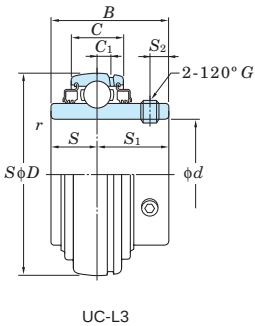
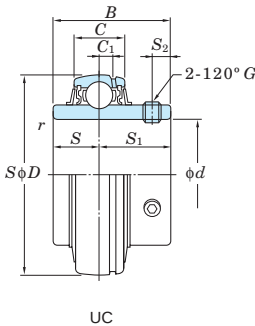
UC, SB, SU
Cylindrical bore (with set screws)
d (30) ~ (60) mm



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.)			Standard		C1		S		S1		S2		kg
		mm	inch	mm	inch	mm	inch	mm	inch		L3 Type		mm	inch	mm	inch	mm	inch	mm	inch	
–	1 3/8	72	2.835	32	1.260	17	0.669	1.1	0.043	13.9	SB207-22	–	–	–	8.5	0.335	23.5	0.925	6	0.236	0.42
		72	2.835	42.9	1.689	20	0.787	1.1	0.043	13.9	UC207-22	UC207-22L3	5.5	0.217	17.5	0.689	25.4	1.000	6.5	0.256	0.48
		80	3.150	49.2	1.937	21	0.827	1.1	0.043	14.0	UCX07-22	UCX07-22L3	6	0.236	19	0.748	30.2	1.189	8	0.315	0.75
35	–	72	2.835	32	1.260	17	0.669	1.1	0.043	13.9	SB207	–	–	–	8.5	0.335	23.5	0.925	6	0.236	0.42
		72	2.835	42.9	1.689	20	0.787	1.1	0.043	13.9	UC207	UC207L3	5.5	0.217	17.5	0.689	25.4	1.000	6.5	0.256	0.48
		80	3.150	49.2	1.937	21	0.827	1.1	0.043	14.0	UCX07	UCX07L3	6	0.236	19	0.748	30.2	1.189	8	0.315	0.75
		80	3.150	48	1.890	26	1.024	1.5	0.059	13.2	UC307	UC307L3	7.5	0.295	19	0.748	29	1.142	8	0.315	0.71
		72	2.835	32	1.260	17	0.669	1.1	0.043	13.9	SB207-23	–	–	–	8.5	0.335	23.5	0.925	6	0.236	0.42
–	1 7/16	72	2.835	42.9	1.689	20	0.787	1.1	0.043	13.9	UC207-23	UC207-23L3	5.5	0.217	17.5	0.689	25.4	1.000	6.5	0.256	0.45
		80	3.150	49.2	1.937	21	0.827	1.1	0.043	14.0	UCX07-23	UCX07-23L3	6	0.236	19	0.748	30.2	1.189	8	0.315	0.72
–	1 1/2	80	3.150	34	1.339	18	0.709	1.1	0.043	14.0	SB208-24	–	–	–	9	0.354	25	0.984	8	0.315	0.60
		80	3.150	49.2	1.937	21	0.827	1.1	0.043	14.0	UC208-24	UC208-24L3	6	0.236	19	0.748	30.2	1.189	8	0.315	0.68
		85	3.346	49.2	1.937	22	0.866	1.1	0.043	14.0	UCX08-24	UCX08-24L3	6	0.236	19	0.748	30.2	1.189	8	0.315	0.87
		90	3.543	52	2.047	28	1.102	1.5	0.059	13.2	UC308-24	UC308-24L3	8	0.315	19	0.748	33	1.299	10	0.394	1.05
		80	3.150	49.2	1.937	21	0.827	1.1	0.043	14.0	UC208-25	UC208-25L3	6	0.236	19	0.748	30.2	1.189	8	0.315	0.60
40	–	80	3.150	34	1.339	18	0.709	1.1	0.043	14.0	SB208	–	–	–	9	0.354	25	0.984	8	0.315	0.60
		80	3.150	49.2	1.937	21	0.827	1.1	0.043	14.0	UC208	UC208L3	6	0.236	19	0.748	30.2	1.189	8	0.315	0.64
		85	3.346	49.2	1.937	22	0.866	1.1	0.043	14.0	UCX08	UCX08L3	6	0.236	19	0.748	30.2	1.189	8	0.315	0.83
		90	3.543	52	2.047	28	1.102	1.5	0.059	13.2	UC308	UC308L3	8	0.315	19	0.748	33	1.299	10	0.394	1.00
		85	3.346	49.2	1.937	22	0.866	1.1	0.043	14.0	UC209-26	UC209-26L3	6	0.236	19	0.748	30.2	1.189	8	0.315	0.78
–	1 5/8	85	3.346	49.2	1.937	22	0.866	1.1	0.043	14.0	UC209-27	UC209-27L3	6	0.236	19	0.748	30.2	1.189	8	0.315	0.74
		85	3.346	49.2	1.937	22	0.866	1.1	0.043	14.0	UC209-28	UC209-28L3	6	0.236	19	0.748	30.2	1.189	8	0.315	0.70
		85	3.346	49.2	1.937	22	0.866	1.1	0.043	14.0	UCX09-28	UCX09-28L3	6	0.236	19	0.748	32.6	1.283	9	0.354	0.97
		90	3.543	51.6	2.031	24	0.945	1.1	0.043	14.4	UC309-28	UC309-28L3	8.5	0.335	22	0.866	35	1.378	10	0.394	1.35
		100	3.937	57	2.244	30	1.181	1.5	0.059	13.3	UC209	UC209L3	6	0.236	19	0.748	30.2	1.189	8	0.315	0.68
45	–	85	3.346	49.2	1.937	22	0.866	1.1	0.043	14.0	UCX09	UCX09L3	6	0.236	19	0.748	32.6	1.283	9	0.354	0.95
		90	3.543	51.6	2.031	24	0.945	1.1	0.043	14.4	UC309	UC309L3	8.5	0.335	22	0.866	35	1.378	10	0.394	1.33
		100	3.937	57	2.244	30	1.181	1.5	0.059	13.3	UC210-30	UC210-30L3	6	0.236	19	0.748	32.6	1.283	9	0.354	0.87
		90	3.543	51.6	2.031	24	0.945	1.1	0.043	14.4	UC210-31	UC210-31L3	6	0.236	19	0.748	32.6	1.283	9	0.354	0.82
		100	3.937	55.6	2.189	25	0.984	1.1	0.043	14.4	UCX10-31	UCX10-31L3	7	0.276	22.2	0.874	33.4	1.315	9	0.354	1.32
50	–	90	3.543	51.6	2.031	24	0.945	1.1	0.043	14.4	UC210	UC210L3	6	0.236	19	0.748	32.6	1.283	9	0.354	0.80
		100	3.937	55.6	2.189	25	0.984	1.1	0.043	14.4	UCX10	UCX10L3	7	0.276	22.2	0.874	33.4	1.315	9	0.354	1.29
		110	4.331	61	2.402	32	1.260	2	0.079	13.2	UC310	UC310L3	9	0.354	22	0.866	39	1.535	12	0.472	1.69
		90	3.543	51.6	2.031	24	0.945	1.1	0.043	14.4	UC210-32	UC210-32L3	6	0.236	19	0.748	32.6	1.283	9	0.354	0.78
		100	3.937	55.6	2.189	25	0.984	1.1	0.043	14.4	UCX10-32	UCX10-32L3	7	0.276	22.2	0.874	33.4	1.315	9	0.354	1.26
–	2	100	3.937	55.6	2.189	25	0.984	1.5	0.059	14.4	UC211-32	UC211-32L3	7	0.276	22.2	0.874	33.4	1.315	9	0.354	1.26
		120	4.724	66	2.598	34	1.339	2	0.079	13.2	UC311-32	UC311-32L3	10	0.394	25	0.984	41	1.614	12	0.472	2.08
		–	2 1/8	100	3.937	55.6	2.189	25	0.984	14.4	UC211-34	UC211-34L3	7	0.276	22.2	0.874	33.4	1.315	9	0.354	1.15
		100	3.937	55.6	2.189	25	0.984	1.5	0.059	14.4	UC211	UC211L3	7	0.276	22.2	0.874	33.4	1.315	9	0.354	1.11
		110	4.331	65.1	2.563	27	1.063	1.5	0.059	14.4	UCX11	UCX11L3	7.5	0.295	25.4	1.000	39.7	1.563	10.5	0.413	1.80
55	–	120	4.724	66	2.598	34	1.339	2	0.079	13.2	UC311	UC311L3	10	0.394	25	0.984	41	1.614	12	0.472	1.90
		100	3.937	55.6	2.189	25	0.984	1.5	0.059	14.4	UC211-35	UC211-35L3	7	0.276	22.2	0.874	33.4	1.315	9	0.354	1.09
		110	4.331	65.1	2.563	27	1.063	1.5	0.059	14.4	UCX11-35	UCX11-35L3	7.5	0.295	25.4	1.000	39.7	1.563	10.5	0.413	1.78
		120	4.724	66	2.598	34	1.339	2	0.079	13.2	UC311-35	UC311-35L3	10	0.394	25	0.984	41	1.614	12	0.472	1.67
		–	2 3/16	110	4.331	65.1	2.563	27	1.063	14.4	UCX11-36	UCX11-36L3	7.5	0.295	25.4	1.000	39.7	1.563	10.5	0.413	1.7
–	2 1/4	110	4.331	65.1	2.563	27	1.063	1.5	0.059	14.4	UC212-36	UC212-36L3	7.5	0.295	25.4	1.000	39.7	1.563	10.5	0.413	1.67
		110	4.331	65.1	2.563	27	1.063	1.5	0.059	14.4	UC212	UC212L3	7.5	0.295	25.4	1.000	39.7	1.563	10.5	0.413	1.54
		120	4.724	65.1	2.563	28	1.102	1.5	0.059	14.4	UCX12	UCX12L3	7.5	0.295	25.4	1.000	39.7	1.563	12	0.472	2.05
		130	5.118	71	2.795	36	1.417	2.1	0.083	13.2	UC312	UC312L3	11.5	0.453	26	1.024	45	1.772	12	0.472	2.60
		–	2 3/8	110	4.331	65.1	2.563	27	1.063	14.4	UC212-38	UC212-38L3	7.5	0.295	25.4	1.000	39.7	1.563	10.5	0.413	1.52

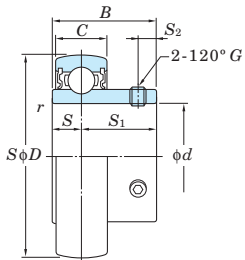
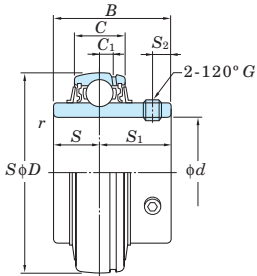
Remarks 1. SU type product is the clean series ball bearing for unit.
2. From UC201 to 205 are the double seal type products (L2).

UC, SB, SU
Cylindrical bore (with set screws)
d (60) ~ 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						
–	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	1.941	14	0.551	–	1/2-20UNF	3.43
		160	6.299	82	3.228	42	1.654	2.1	0.083	113	77.2	13.2	UC315-47	UC315-47L3	14.5	0.571	32	1.260	50	1.969	14	0.551	M14×1.5	–	4.72
75	–	130	5.118	77.8	3.063	32	1.260	1.5	0.059	67.4	48.3	14.5	UC215	UC215L3	9	0.354	33.3	1.311	44.5	1.752	12	0.472	M12×1.5	–	2.21
		140	5.512	82.6	3.252	33	1.299	1.5	0.059	72.7	53.0	14.6	UCX15	UCX15L3	9	0.354	33.3	1.311	49.3	1.941	14	0.551	M12×1.5	–	3.41
		160	6.299	82	3.228	42	1.654	2.1	0.083	113	77.2	13.2	UC315	UC315L3	14.5	0.571	32	1.260	50	1.969	14	0.551	M14×1.5	–	4.70
–	3	130	5.118	77.8	3.063	32	1.260	1.5	0.059	67.4	48.3	14.5	UC215-48	UC215-48L3	9	0.354	33.3	1.311	44.5	1.752	12	0.472	–	1/2-20UNF	2.12
		140	5.512	82.6	3.252	33	1.299	1.5	0.059	72.7	53.0	14.6	UCX15-48	UCX15-48L3	9	0.354	33.3	1.311	49.3	1.941	14	0.551	–	1/2-20UNF	3.32
		160	6.299	82	3.228	42	1.654	2.1	0.083	113	77.2	13.2	UC315-48	UC315-48L3	14.5	0.571	32	1.260	50	1.969	14	0.551	M14×1.5	–	4.61
–	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
		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
90	–	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
		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
		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
–	3 15/16	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	8.4.																						

UC-S6, SU-S6 (Stainless steel series)
Cylindrical bore (with set screws)
d 10 ~ 60 mm



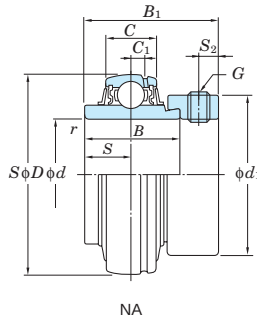
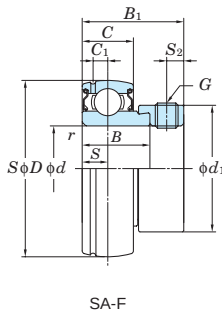
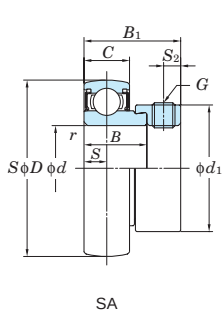
UC-S6

SU-S6

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		C ₁		S		S ₁		S ₂			
		mm	inch	mm	inch	mm	inch	mm	inch					mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
10	—	26	1.024	15	0.591	8	0.315	0.3	0.012	3.9	1.55	12.3	SU000S6		—	—	5	0.197	10	0.394	3	0.118	M3×0.35	0.024
12	1/2	28	1.102	15	0.591	8	0.315	0.3	0.012	4.3	1.9	13.2	SU001S6		—	—	5	0.197	10	0.394	3	0.118	M3×0.35	0.026
		40	1.575	27.4	1.079	13	0.512	0.6	0.024	8.15	3.85	13.2	UC201XS6		3.5	0.138	11.5	0.453	15.9	0.626	4	0.158	M5×0.5	0.10
		40	1.575	27.4	1.079	13	0.512	0.6	0.024	8.15	3.85	13.2	UC201-8XS6		3.5	0.138	11.5	0.453	15.9	0.626	4	0.158	M5×0.5	0.10
15	5/8	32	1.260	16.5	0.650	9	0.354	0.3	0.012	4.7	2.25	13.9	SU002S6		—	—	5.5	0.217	11	0.433	3.3	0.130	M4×0.5	0.038
		40	1.575	27.4	1.079	13	0.512	0.6	0.024	8.15	3.85	13.2	UC202XS6		3.5	0.138	11.5	0.453	15.9	0.626	4	0.158	M5×0.5	0.10
		40	1.575	27.4	1.079	13	0.512	0.6	0.024	8.15	3.85	13.2	UC202-10S6		3.5	0.138	11.5	0.453	15.9	0.626	4	0.158	M5×0.5	0.10
17	—	35	1.378	17.5	0.689	10	0.394	0.3	0.012	5.1	2.6	14.4	SU003S6		—	—	6	0.236	11.5	0.453	3.3	0.130	M4×0.5	0.050
		40	1.575	27.4	1.079	13	0.512	0.6	0.024	8.15	3.85	13.2	UC203XS6		3.5	0.138	11.5	0.453	15.9	0.626	4	0.158	M5×0.5	0.10
20	3/4	47	1.850	31	1.220	16	0.630	1	0.039	10.9	5.35	13.2	UC204-12S6		4	0.157	12.7	0.500	18.3	0.720	5	0.197	M6×0.75	0.16
		42	1.654	21	0.827	12	0.472	0.6	0.024	7.9	4	13.9	SU004S6		—	—	7	0.276	14	0.551	4	0.157	M5×0.5	0.080
		47	1.850	31	1.220	16	0.630	1	0.039	10.9	5.35	13.2	UC204S6		4	0.157	12.7	0.500	18.3	0.720	5	0.197	M6×0.75	0.16
25	7/8	52	2.047	34.1	1.343	17	0.669	1	0.039	11.9	6.3	13.9	UC205-14S6		5	0.197	14.3	0.563	19.8	0.780	5.5	0.217	M6×0.75	0.23
		52	2.047	34.1	1.343	17	0.669	1	0.039	11.9	6.3	13.9	UC205-15S6		5	0.197	14.3	0.563	19.8	0.780	5.5	0.217	M6×0.75	0.21
		47	1.850	22	0.866	12	0.472	0.6	0.024	8.5	4.65	14.5	SU005S6		—	—	7	0.276	15	0.591	4.5	0.177	M5×0.5	0.10
		52	2.047	34.1	1.343	17	0.669	1	0.039	11.9	6.3	13.9	UC205S6		5	0.197	14.3	0.563	19.8	0.780	5.5	0.217	M6×0.75	0.20
		52	2.047	34.1	1.343	17	0.669	1	0.039	11.9	6.3	13.9	UC205-16S6		5	0.197	14.3	0.563	19.8	0.780	5.5	0.217	M6×0.75	0.20
30	1 1/8	62	2.441	38.1	1.500	19	0.748	1	0.039	16.5	9.05	13.9	UC206-18S6		5	0.197	15.9	0.626	22.2	0.874	6	0.236	M6×0.75	0.34
		55	2.165	24.5	0.965	13	0.512	1	0.039	11.2	6.6	14.7	SU006S6		—	—	7.5	0.295	17	0.669	5.5	0.217	M5×0.5	0.15
		62	2.441	38.1	1.500	19	0.748	1	0.039	16.5	9.05	13.9	UC206S6		5	0.197	15.9	0.626	22.2	0.874	6	0.236	M6×0.75	0.32
		62	2.441	38.1	1.500	19	0.748	1	0.039	16.5	9.05	13.9	UC206-19S6		5	0.197	15.9	0.626	22.2	0.874	6	0.236	M6×0.75	0.32
		62	2.441	38.1	1.500	19	0.748	1	0.039	16.5	9.05	13.9	UC206-20S6		5	0.197	15.9	0.626	22.2	0.874	6	0.236	M6×0.75	0.30
35	1 1/4	72	2.835	42.9	1.689	20	0.787	1.1	0.043	21.8	12.3	13.9	UC207-20S6		5.5	0.217	17.5	0.689	25.4	1.000	6.5	0.256	M8×1	0.54
		72	2.835	42.9	1.689	20	0.787	1.1	0.043	21.8	12.3	13.9	UC207-21S6		5.5	0.217	17.5	0.689	25.4	1.000	6.5	0.256	M8×1	0.51
		72	2.835	42.9	1.689	20	0.787	1.1	0.043	21.8	12.3	13.9	UC207-22S6		5.5	0.217	17.5	0.689	25.4	1.000	6.5	0.256	M8×1	0.48
		72	2.835	42.9	1.689	20	0.787	1.1	0.043	21.8	12.3	13.9	UC207S6		5.5	0.217	17.5	0.689	25.4	1.000	6.5	0.256	M8×1	0.48
		72	2.835	42.9	1.689	20	0.787	1.1	0.043	21.8	12.3	13.9	UC207-23S6		5.5	0.217	17.5	0.689	25.4	1.000	6.5	0.256	M8×1	0.45
40	1 1/2	80	3.150	49.2	1.937	21	0.827	1.1	0.043	24.8	14.3	14.0	UC208-24S6		6	0.236	19	0.748	30.2	1.189	8	0.315	M8×1	0.68
		80	3.150	49.2	1.937	21	0.827	1.1	0.043	24.8	14.3	14.0	UC208-25S6		6	0.236	19	0.748	30.2	1.189	8	0.315	M8×1	0.60
		80	3.150	49.2	1.937	21	0.827	1.1	0.043	24.8	14.3	14.0	UC208S6		6	0.236	19	0.748	30.2	1.189	8	0.315	M8×1	0.64
45	1 5/8	85	3.346	49.2	1.937	22	0.866	1.1	0.043	27.8	16.2	14.0	UC209-26S6		6	0.236	19	0.748	30.2	1.189	8	0.315	M8×1	0.78
		85	3.346	49.2	1.937	22	0.866	1.1	0.043	27.8	16.2	14.0	UC209-27S6		6	0.236	19	0.748	30.2	1.189	8	0.315	M8×1	0.74
		85	3.346	49.2	1.937	22	0.866	1.1	0.043	27.8	16.2	14.0	UC209-28S6		6	0.236	19	0.748	30.2	1.189	8	0.315	M8×1	0.70
		85	3.346	49.2	1.937	22	0.866	1.1	0.043	27.8	16.2	14.0	UC209S6		6	0.236	19	0.748	30.2	1.189	8	0.315	M8×1	0.68
50	1 7/8	90	3.543	51.6	2.031	24	0.945	1.1	0.043	29.8	18.6	14.4	UC210-30S6		6	0.236	19	0.748	32.6	1.283	9	0.354	M8×1	0.87
		90	3.543	51.6	2.031	24	0.945	1.1	0.043	29.8	18.6	14.4	UC210-31S6		6	0.236	19	0.748	32.6	1.283	9	0.354	M8×1	0.82
		90	3.543	51.6	2.031	24	0.945	1.1	0.043	29.8	18.6	14.4	UC210S6		6	0.236	19	0.748	32.6	1.283	9	0.354	M8×1	0.80
		90	3.543	51.6	2.031	24	0.945	1.1	0.043	29.8	18.6	14.4	UC210-32S6		6	0.236	19	0.748	32.6	1.283	9	0.354	M8×1	0.78
55	2	100	3.937	55.6	2.189	25	0.984	1.5	0.059	36.8	23.5	14.4	UC211-32S6		7	0.276	22.2	0.874	33.4	1.315	9	0.354	M10×1.25	1.26
		100	3.937	55.6	2.189	25	0.984	1.5	0.059	36.8	23.5	14.4	UC211-34S6		7	0.276	22.2	0.874	33.4	1.315	9	0.354	M10×1.25	1.15
		100	3.937	55.6	2.189	25	0.984	1.5	0.059	36.8	23.5	14.4	UC211S6		7	0.276	22.2	0.874	33.4	1.315	9	0.354	M10×1.25	1.11
		100	3.937	55.6	2.189	25	0.984	1.5	0.059	36.8	23.5	14.4	UC211-35S6		7	0.276	22.2	0.874	33.4	1.315	9	0.354	M10×1.25	1.09
60	2 1/4	110	4.331	65.1	2.563	27	1.063	1.5	0.059	44.5	29	14.4	UC212-36S6		7.5	0.295	25.4	1.000	39.7	1.563	10.5	0.413	M10×1.25	1.67
		110	4.331	65.1	2.563	27	1.063	1.5	0.059	44.5	29	14.4	UC212S6		7.5	0.295	25.4	1.000	39.7	1.563	10.5	0.413	M10×1.25	1.54
		110	4.331	65.1	2.563	27	1.063	1.5	0.059	44.5	29	14.4	UC212-38S6		7.5	0.295	25.4	1.000	39.7	1.563	10.5	0.413	M10×1.25	1.52
		110	4.331	65.1	2.563	27	1.063	1.5	0.059	44.5	29	14.4	UC212-39S6		7.5	0.295	25.4	1.000	39.7	1.563	10.5	0.413	M10×1.25	1.45

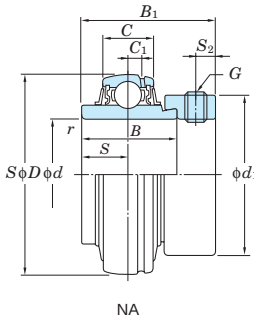
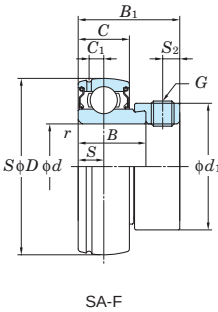
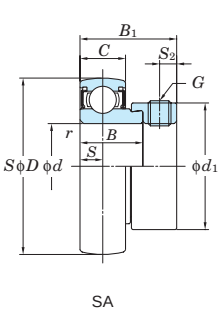
Remark S6 series product is the stainless steel series ball bearing for unit.

SA, SA-F, NA
Cylindrical bore
(with eccentric locking collar)
d 12 ~ (30) mm



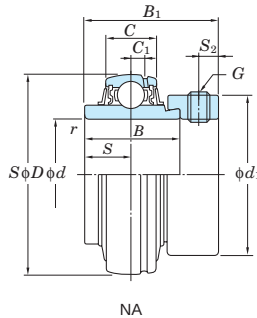
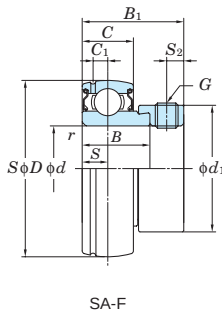
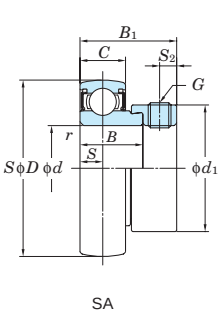
Shaft Dia mm inch		Dimensions										Basic Load Ratings kN		Factor	Bearing No.	Dimensions										Set Screw Brg.Bore		Mass
d		D		B		B1		C		r (min.)		Cr		Cor		f0		C1		S		S2		d1		mm inch		kg
		mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch			mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	
12	—	40	1.575	19	0.784	28.5	1.122	12	0.472	0.6	0.024	9.55	4.80	9.55	4.80	13.2	SA201	—	—	6	0.236	4.8	0.189	28.6	1.126	M6×0.75	—	0.13
		40	1.575	19.1	0.752	28.6	1.126	13	0.512	0.6	0.024	9.55	4.80	9.55	4.80	13.2	SA201F	3.4	0.134	6.5	0.256	4.8	0.189	28.6	1.126	M6×0.75	—	0.13
		47	1.850	34.2	1.346	43.7	1.720	16	0.630	1	0.039	12.8	6.65	12.8	6.65	13.2	NA201	4	0.157	17.1	0.673	4.8	0.189	33.3	1.311	M6×0.75	—	0.29
—	1/2	40	1.575	19	0.784	28.5	1.122	12	0.472	0.6	0.024	9.55	4.80	9.55	4.80	13.2	SA201-8	—	—	6	0.236	4.8	0.189	28.6	1.126	—	1/4-28UNF	0.13
		40	1.575	19.1	0.752	28.6	1.126	13	0.512	0.6	0.024	9.55	4.80	9.55	4.80	13.2	SA201-8F	3.4	0.134	6.5	0.256	4.8	0.189	28.6	1.126	—	1/4-28UNF	0.13
		47	1.850	34.2	1.346	43.7	1.720	16	0.630	1	0.039	12.8	6.65	12.8	6.65	13.2	NA201-8	4	0.157	17.1	0.673	4.8	0.189	33.3	1.311	—	1/4-28UNF	0.29
15	—	40	1.575	19	0.784	28.5	1.122	12	0.472	0.6	0.024	9.55	4.80	9.55	4.80	13.2	SA202	—	—	6	0.236	4.8	0.189	28.6	1.126	M6×0.75	—	0.13
		40	1.575	19.1	0.752	28.6	1.126	13	0.512	0.6	0.024	9.55	4.80	9.55	4.80	13.2	SA202F	3.4	0.134	6.5	0.256	4.8	0.189	28.6	1.126	M6×0.75	—	0.13
		47	1.850	34.2	1.346	43.7	1.720	16	0.630	1	0.039	12.8	6.65	12.8	6.65	13.2	NA202	4	0.157	17.1	0.673	4.8	0.189	33.3	1.311	M6×0.75	—	0.27
—	5/8	40	1.575	19	0.784	28.5	1.122	12	0.472	0.6	0.024	9.55	4.80	9.55	4.80	13.2	SA202-10	—	—	6	0.236	4.8	0.189	28.6	1.126	—	1/4-28UNF	0.13
		47	1.850	34.2	1.346	43.7	1.720	16	0.630	1	0.039	12.8	6.65	12.8	6.65	13.2	NA202-10	4	0.157	17.1	0.673	4.8	0.189	33.3	1.311	—	1/4-28UNF	0.26
17	—	40	1.575	19	0.784	28.5	1.122	12	0.472	0.6	0.024	9.55	4.80	9.55	4.80	13.2	SA203	—	—	6	0.236	4.8	0.189	28.6	1.126	M6×0.75	—	0.13
		40	1.575	19.1	0.752	28.6	1.126	13	0.512	0.6	0.024	9.55	4.80	9.55	4.80	13.2	SA203F	3.4	0.134	6.5	0.256	4.8	0.189	28.6	1.126	M6×0.75	—	0.13
		47	1.850	34.2	1.346	43.7	1.720	16	0.630	1	0.039	12.8	6.65	12.8	6.65	13.2	NA203	4	0.157	17.1	0.673	4.8	0.189	33.3	1.311	M6×0.75	—	0.25
—	3/4	47	1.850	20	0.787	29.5	1.161	14	0.551	1	0.039	12.8	6.65	12.8	6.65	13.2	SA204-12	—	—	7	0.276	4.8	0.189	33.3	1.311	—	1/4-28UNF	0.15
		47	1.850	21.5	0.846	31	1.220	15	0.591	1	0.039	12.8	6.65	12.8	6.65	13.2	SA204-12F	3.7	0.146	7.5	0.295	4.8	0.189	33.3	1.311	—	1/4-28UNF	0.19
		47	1.850	34.2	1.346	43.7	1.720	16	0.630	1	0.039	12.8	6.65	12.8	6.65	13.2	NA204-12	4	0.157	17.1	0.673	4.8	0.189	33.3	1.311	—	1/4-28UNF	0.23
20	—	47	1.850	20	0.787	29.5	1.161	14	0.551	1	0.039	12.8	6.65	12.8	6.65	13.2	SA204	—	—	7	0.276	4.8	0.189	33.3	1.311	M6×0.75	—	0.15
		47	1.850	21.5	0.846	31	1.220	15	0.591	1	0.039	12.8	6.65	12.8	6.65	13.2	SA204F	3.7	0.146	7.5	0.295	4.8	0.189	33.3	1.311	M6×0.75	—	0.19
		47	1.850	34.2	1.346	43.7	1.720	16	0.630	1	0.039	12.8	6.65	12.8	6.65	13.2	NA204	4	0.157	17.1	0.673	4.8	0.189	33.3	1.311	M6×0.75	—	0.22
—	7/8	52	2.047	21	0.827	30.5	1.201	15	0.591	1	0.039	14.0	7.85	14.0	7.85	13.9	SA205-14	—	—	7.5	0.295	4.8	0.189	38.1	1.511	—	1/4-28UNF	0.22
		52	2.047	34.9	1.374	44.4	1.748	17	0.669	1	0.039	14.0	7.85	14.0	7.85	13.9	NA205-14	5	0.197	17.5	0.689	4.8	0.189	38.1	1.500	—	1/4-28UNF	0.27
		52	2.047	21	0.827	30.5	1.201	15	0.591	1	0.039	14.0	7.85	14.0	7.85	13.9	SA205-15	—	—	7.5	0.295	4.8	0.189	38.1	1.311	—	1/4-28UNF	0.22
—	15/16	52	2.047	21.5	0.846	31	1.220	15	0.591	1	0.039	14.0	7.85	14.0	7.85	13.9	SA205-15F	3.7	0.146	7.5	0.295	4.8	0.189	38.1	1.311	—	1/4-28UNF	0.23
		52	2.047	34.9	1.374	44.4	1.748	17	0.669	1	0.039	14.0	7.85	14.0	7.85	13.9	NA205-15	5	0.197	17.5	0.689	4.8	0.189	38.1	1.500	—	1/4-28UNF	0.29
25	—	52	2.047	21	0.827	30.5	1.201	15	0.591	1	0.039	14.0	7.85	14.0	7.85	13.9	SA205	—	—	7.5	0.295	4.8	0.189	38.1	1.311	M6×0.75	—	0.22
		52	2.047	21.5	0.846	31	1.220	15	0.591	1	0.039	14.0	7.85	14.0	7.85	13.9	SA205F	3.7	0.146	7.5	0.295	4.8	0.189	38.1	1.311	M6×0.75	—	0.23
		52	2.047	34.9	1.374	44.4	1.748	17	0.669	1	0.039	14.0	7.85	14.0	7.85	13.9	NA205	5	0.197	17.5	0.689	4.8	0.189	38.1	1.500	M6×0.75	—	0.25
—	1	52	2.047	21	0.827	30.5	1.201	15	0.591	1	0.039	14.0	7.85	14.0	7.85	13.9	SA205-16	—	—	7.5	0.295	4.8	0.189	38.1	1.311	—	1/4-28UNF	0.22
		52	2.047	21.5	0.846	31	1.220	15	0.591	1	0.039	14.0	7.85	14.0	7.85	13.9	SA205-16F	3.7	0.146	7.5	0.295	4.8	0.189	38.1	1.311	—	1/4-28UNF	0.23
		52	2.047	34.9	1.374	44.4	1.748	17	0.669	1	0.039	14.0	7.85	14.0	7.85	13.9	NA205-16	5	0.197	17.5	0.689	4.8	0.189	38.1	1.500	—	1/4-28UNF	0.25
—	1 1/8	62	2.441	22	0.866	33.9	1.335	16	0.630	1	0.039	19.5	11.3	19.5	11.3	13.9	SA206-18	—	—	8	0.315	6	0.236	44.5	1.752	—	5/16-24UNF	0.3
		62	2.441	23.8	0.937	35.7	1.406	18	0.709	1	0.039	19.5	11.3	19.5	11.3	13.9	SA206-18F	4.7	0.185	9	0.354	6	0.236	44.5	1.752	—	5/16-24UNF	0.34
		62	2.441	36.5	1.437	48.4	1.906	19	0.748	1	0.039	19.5	11.3	19.5	11.3	13.9	NA206-18	5	0.197	18.3	0.720	6	0.236	44.5	1.752	—	5/16-24UNF	0.43
30	—	62	2.441	22	0.866	33.9	1.335	16	0.630	1	0.039	19.5	11.3	19.5	11.3	13.9	SA206	—	—	8	0.315	6	0.236	44.5	1.752	M8×1	—	0.3
		62	2.441	23.8	0.937	35.7	1.406	18	0.709	1	0.039	19.5	11.3	19.5	11.3	13.9	SA206F	4.7	0.185	9	0.354	6	0.236	44.5	1.752	M8×1	—	0.34
		62	2.441	36.5	1.437	48.4	1.906	19	0.748	1	0.039	19.5	11.3	19.5	11.3	13.9	NA206	5	0.197	18.3	0.720	6	0.236	44.5	1.752	M8×1	—	0.41
—	1 3/16	62	2.441	22	0.866	33.9	1.335	16	0.630	1	0.039	19.5	11.3	19.5	11.3	13.9	SA206-19	—	—	8	0.315	6	0.236	44.5	1.752	—	5/16-24UNF	0.3
		62	2.441	23.8	0.937	35.7	1.406	18	0.709	1	0.039	19.5	11.3	19.5	11.3	13.9	SA206-19F	4.7	0.185	9	0.354	6	0.236	44.5	1.752	—	5/16-24UNF	0.34
		62	2.441	36.5	1.437	48.4	1.906	19	0.748	1	0.039	19.5	11.3	19.5	11.3	13.9	NA206-19	5	0.197	18.3	0.720	6	0.236	44.5	1.752	—	5/16-24UNF	0.41
—	1 1/4	72	2.835	36.5	1.437	50	1.969	24	0.945	1.1	0.043	26.7	15.0	26.7	15.0	13.3	NA306-19	6.5	0.256	17.5	0.689	6.8	0.268	49.2	1.937	—	5/16-24UNF	0.66
		62	2.441	22	0.866	33.9																						

SA, SA-F, NA
Cylindrical bore
(with eccentric locking collar)
d (30) ~ 60 mm



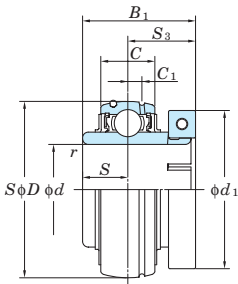
Shaft Dia mm inch		Dimensions								Basic Load Ratings kN		Factor f ₀	Bearing No.	Dimensions								Set Screw Brg.Bore		Mass kg		
		D		B		B ₁		C		r (min.)						C ₁		S		S ₂		d ₁				
d		mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	C _r	C _{0r}	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch			
—	1 3/8	72	2.835	23	0.906	36.5	1.437	17	0.669	1.1	0.043	25.7	15.4	13.9	SA207-22	—	—	8.5	0.335	6.8	0.268	55.6	2.189	—	5/16-24UNF	0.5
		72	2.835	25.4	1.000	38.9	1.531	19	0.748	1.1	0.043	25.7	15.4	13.9	SA207-22F	5.7	0.224	9.5	0.335	6.8	0.268	55.6	2.189	—	5/16-24UNF	0.57
		72	2.835	37.6	1.480	51.1	2.012	20	0.787	1.1	0.043	25.7	15.4	13.9	NA207-22	5.5	0.217	18.8	0.740	6.8	0.268	55.6	2.189	—	5/16-24UNF	0.61
35	—	72	2.835	23	0.906	36.5	1.437	17	0.669	1.1	0.043	25.7	15.4	13.9	SA207	—	—	8.5	0.335	6.8	0.268	55.6	2.189	M8×1	—	0.5
		72	2.835	25.4	1.000	38.9	1.531	19	0.748	1.1	0.043	25.7	15.4	13.9	SA207F	5.7	0.224	9.5	0.335	6.8	0.268	55.6	2.189	M8×1	—	0.57
		72	2.835	37.6	1.480	51.1	2.012	20	0.787	1.1	0.043	25.7	15.4	13.9	NA207	5.5	0.217	18.8	0.740	6.8	0.268	55.6	2.189	M8×1	—	0.61
—	1 7/16	72	2.835	23	0.906	36.5	1.437	17	0.669	1.1	0.043	25.7	15.4	13.9	SA207-23	—	—	8.5	0.335	6.8	0.268	55.6	2.189	—	5/16-24UNF	0.5
		72	2.835	25.4	1.000	38.9	1.531	19	0.748	1.1	0.043	25.7	15.4	13.9	SA207-23F	5.7	0.224	9.5	0.335	6.8	0.268	55.6	2.189	—	5/16-24UNF	0.57
		72	2.835	37.6	1.480	51.1	2.012	20	0.787	1.1	0.043	25.7	15.4	13.9	NA207-23	5.5	0.217	18.8	0.740	6.8	0.268	55.6	2.189	—	5/16-24UNF	0.58
		80	3.150	38.1	1.500	51.6	2.031	26	1.024	1.5	0.059	33.4	19.3	13.2	NA307-23	7.5	0.295	18.3	0.720	6.8	0.268	55.5	2.185	—	5/16-24UNF	0.81
—	1 1/2	80	3.150	27	1.063	40.5	1.595	18	0.709	1.1	0.043	29.1	17.8	14.0	SA208-24	—	—	9	0.354	6.8	0.268	60.3	2.374	—	5/16-24UNF	0.67
		80	3.150	30.2	1.189	43.7	1.720	22	0.866	1.1	0.043	29.1	17.8	14.0	SA208-24F	6.4	0.252	11	0.433	6.8	0.268	60.3	2.374	—	5/16-24UNF	0.75
		80	3.150	42.8	1.685	56.3	2.217	21	0.827	1.1	0.043	29.1	17.8	14.0	NA208-24	6	0.236	21.4	0.843	6.8	0.268	60.3	2.374	—	5/16-24UNF	0.83
		90	3.543	41.3	1.626	57.1	2.248	28	1.102	1.5	0.059	40.7	24.0	13.2	NA308-24	8	0.315	19.8	0.780	8	0.315	63.5	2.500	—	3/8-24UNF	1.19
—	1 9/16	80	3.150	27	1.063	40.5	1.595	18	0.709	1.1	0.043	29.1	17.8	14.0	SA208-25	—	—	9	0.354	6.8	0.268	60.3	2.374	—	5/16-24UNF	0.67
		80	3.150	30.2	1.189	43.7	1.720	22	0.866	1.1	0.043	29.1	17.8	14.0	SA208-25F	6.4	0.252	11	0.433	6.8	0.268	60.3	2.374	—	5/16-24UNF	0.75
		80	3.150	42.8	1.685	56.3	2.217	21	0.827	1.1	0.043	29.1	17.8	14.0	NA208-25	6	0.236	21.4	0.843	6.8	0.268	60.3	2.374	—	5/16-24UNF	0.79
40	—	80	3.150	27	1.063	40.5	1.595	18	0.709	1.1	0.043	29.1	17.8	14.0	SA208	—	—	9	0.354	6.8	0.268	60.3	2.374	M8×1	—	0.67
		80	3.150	30.2	1.189	43.7	1.720	22	0.866	1.1	0.043	29.1	17.8	14.0	SA208F	6.4	0.252	11	0.433	6.8	0.268	60.3	2.374	M8×1	—	0.75
		80	3.150	42.8	1.685	56.3	2.217	21	0.827	1.1	0.043	29.1	17.8	14.0	NA208	6	0.236	21.4	0.843	6.8	0.268	60.3	2.374	M8×1	—	0.78
—	1 5/8	85	3.346	30.2	1.189	43.7	1.720	22	0.866	1.1	0.043	34.1	21.3	14.0	SA209-26F	6	0.236	11	0.433	6.8	0.268	63.5	2.500	—	5/16-24UNF	0.82
		85	3.346	42.8	1.685	56.3	2.217	22	0.866	1.1	0.043	34.1	21.3	14.0	NA209-26	6	0.236	21.4	0.843	6.8	0.268	63.5	2.500	—	5/16-24UNF	0.96
—	1 11/16	85	3.346	30.2	1.189	43.7	1.720	22	0.866	1.1	0.043	34.1	21.3	14.0	SA209-27F	6	0.236	11	0.433	6.8	0.268	63.5	2.500	—	5/16-24UNF	0.82
		85	3.346	42.8	1.685	56.3	2.217	22	0.866	1.1	0.043	34.1	21.3	14.0	NA209-27	6	0.236	21.4	0.843	6.8	0.268	63.5	2.500	—	5/16-24UNF	0.91
		100	3.937	42.9	1.689	58.7	2.311	30	1.181	1.5	0.059	48.9	29.5	13.3	NA309-27	8.5	0.335	19.8	0.780	8	0.315	69.8	2.748	—	3/8-24UNF	1.47
—	1 3/4	85	3.346	30.2	1.189	43.7	1.720	22	0.866	1.1	0.043	34.1	21.3	14.0	SA209-28F	6	0.236	11	0.433	6.8	0.268	63.5	2.500	—	5/16-24UNF	0.82
		85	3.346	42.8	1.685	56.3	2.217	22	0.866	1.1	0.043	34.1	21.3	14.0	NA209-28	6	0.236	21.4	0.843	6.8	0.268	63.5	2.500	—	5/16-24UNF	0.87
45	—	85	3.346	30.2	1.189	43.7	1.720	22	0.866	1.1	0.043	34.1	21.3	14.0	SA209F	6	0.236	11	0.433	6.8	0.268	63.5	2.500	M8×1	—	0.82
		85	3.346	42.8	1.685	56.3	2.217	22	0.866	1.1	0.043	34.1	21.3	14.0	NA209	6	0.236	21.4	0.843	6.8	0.268	63.5	2.500	M8×1	—	0.85
		90	3.543	30.2	1.189	43.7	1.720	22	0.866	1.1	0.043	35.1	23.3	14.4	SA210-30F	6.6	0.260	11	0.433	6.8	0.268	69.9	2.752	—	5/16-24UNF	0.85
—	1 7/8	90	3.543	49.2	1.937	62.7	2.469	24	0.945	1.1	0.043	35.1	23.3	14.4	NA210-30	6	0.236	24.6	0.969	6.8	0.268	69.9	2.752	—	5/16-24UNF	1.08
		90	3.543	30.2	1.189	43.7	1.720	22	0.866	1.1	0.043	35.1	23.3	14.4	SA210-31F	6.6	0.260	11	0.433	6.8	0.268	69.9	2.752	—	5/16-24UNF	0.85
		90	3.543	49.2	1.937	62.7	2.469	24	0.945	1.1	0.043	35.1	23.3	14.4	NA210-31	6	0.236	24.6	0.969	6.8	0.268	69.9	2.752	—	5/16-24UNF	1.04
50	—	110	4.331	49.2	1.937	66.6	2.622	32	1.260	2	0.079	62.0	38.3	13.2	NA310-31	9	0.354	24.6	0.969	8.7	0.343	76.2	3.000	—	3/8-24UNF	1.95
		90	3.543	30.2	1.189	43.7	1.720	22	0.866	1.1	0.043	35.1	23.3	14.4	SA210F	6.6	0.260	11	0.433	6.8	0.268	69.9	2.752	M8×1	—	0.85
		90	3.543	49.2	1.937	62.7	2.469	24	0.945	1.1	0.043	35.1	23.3	14.4	NA210	6	0.236	24.6	0.969	6.8	0.268	69.9	2.752	M8×1	—	1.01
—	2	90	3.543	49.2	1.937	62.7	2.469	24	0.945	1.1	0.043	35.1	23.3	14.4	NA210-32	6	0.236	24.6	0.969	6.8	0.268	69.9	2.752	—	5/16-24UNF	0.99
		100	3.937	32.4	1.276	48.4	1.906	24	0.945	1.5	0.059	43.4	29.4	14.4	SA211-32F	7	0.276	12	0.472	8	0.315	76.2	3.000	—	3/8-24UNF	1.2
		100	3.937	55.5	2.185	71.4	2.811	25	0.984	1.5	0.059	43.4	29.4	14.4	NA211-32	7	0.276	27.8	1.094	8	0.315	76.2	3.000	—	3/8-24UNF	1.58
—	2 1/8	100	3.937	32.4	1.276	48.4	1.906	24	0.945	1.5	0.059	43.4	29.4	14.4	SA211-34F	7	0.276	12	0.472	8	0.315	76.2	3.000	—	3/8-24UNF	1.2
		100	3.937	55.5	2.185	71.4	2.811	25	0.984	1.5	0.059	43.4	29.4	14.4	NA211-34	7	0.276	27.8	1.094	8	0.315	76.2	3.000	—	3/8-24UNF	1.49
		100	3.937	32.4	1.276	48.4	1.906	24	0.945	1.5	0.059	43.4	29.4	14.4	SA211F	7	0.276	12	0.472	8	0.315	76.2	3.000	M10×1.25	—	1.2
55	—	100	3.937	55.5	2.185	71.4	2.811	25	0.984	1.5	0.059	43.4	29.4	14.4	NA211	7	0.276	27.8	1.094	8	0.315	76.2	3.000	M10×1.25	—	1.39
		100	3.937	32.4	1.276	48.4	1.906	24																		

SA, SA-F, NA
Cylindrical bore
(with eccentric locking collar)
d 65 ~ 75 mm



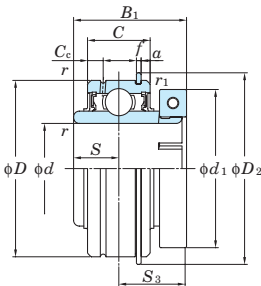
Shaft Dia		Dimensions										Basic Load Ratings		Factor	Bearing No.		Dimensions								Set Screw Brg.Bore		Mass
<i>d</i>		<i>D</i>		<i>B</i>		<i>B</i> ₁		<i>C</i>		<i>r</i> (min.)						<i>C</i> ₁	<i>S</i>		<i>S</i> ₂		<i>d</i> ₁						
mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	<i>C</i> _r	<i>C</i> _{0r}	<i>f</i> ₀		mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	kg	
65	2 1/2	120	4.724	68.2	2.685	85.7	3.374	28	1.102	1.5	0.059	57.2	40.1	14.4	NA213-40	7.5	0.295	34.1	1.343	8.5	0.335	92	3.622	–	3/8-24UNF	2.51	
		120	4.724	68.2	2.685	85.7	3.374	28	1.102	1.5	0.059	57.2	40.1	14.4	NA213	7.5	0.295	34.1	1.343	8.5	0.335	92	3.622	M10×1.25	–	2.45	
70	2 3/4	125	4.921	68.2	2.685	85.7	3.374	30	1.181	1.5	0.059	62.2	44.1	14.5	NA214-44	9	0.354	34.1	1.343	8.5	0.335	97	3.819	–	3/8-24UNF	2.94	
		125	4.921	68.2	2.685	85.7	3.374	30	1.181	1.5	0.059	62.2	44.1	14.5	NA214	9	0.354	34.1	1.343	8.5	0.335	97	3.819	M10×1.25	–	2.92	
75	2 11/16	150	5.906	68.3	2.689	92.1	3.626	40	1.575	2.1	0.083	104	68.2	13.2	NA314-43	12.5	0.492	34.1	1.343	11.9	0.469	101.6	4.000	–	1/2-20UNF	4.7	
		130	5.118	74.6	2.937	92.1	3.626	32	1.260	1.5	0.059	67.4	48.3	14.5	NA215	9	0.354	37.3	1.469	8.5	0.335	102	4.016	M10×1.25	–	2.74	
	3	130	5.118	74.6	2.937	92.1	3.626	32	1.260	1.5	0.059	67.4	48.3	14.5	NA215-48	9	0.354	37.3	1.469	8.5	0.335	102	4.016	–	3/8-24UNF	2.72	
		160	6.299	74.6	2.937	100	3.937	42	1.654	2.1	0.083	113	77.2	13.2	NA315-47	14.5	0.571	37.3	1.469	12.7	0.500	112.7	4.437	–	5/8-18UNF	5.8	

NC2
Cylindrical bore
(with concentric locking collar)
d 20 ~ 60 mm



Shaft Dia. mm inch		Dimensions								Basic Load Ratings kN		Factor	Bearing No.	Collar No.		Dimensions								Cap Screw	Mass
<i>d</i>		<i>D</i>		<i>B</i> ₁		<i>C</i>		<i>r</i>		<i>C</i> _r	<i>C</i> _{0r}	<i>f</i> ₀				<i>C</i> ₁		<i>S</i>		<i>S</i> ₃		<i>d</i> ₁		inch mm	kg
mm	inch	mm	inch	mm	inch	mm	inch	mm	inch							mm	inch	mm	inch	mm	inch	mm	inch		
20	³ / ₄	47	1.850	32.5	1.280	16	0.630	1	0.039	12.8	6.65	13.2	NC204-12 NC204	UCL204B UCL204B		4	0.157	12.7	0.500	19.8	0.780	44.5	1.752	No.8-32UNC M4×0.7	0.30
25	⁷ / ₈	52	2.047	36.5	1.437	17	0.669	1	0.039	14.0	7.85	13.9	NC205-14	UCL205A	5	0.197	14.3	0.563	22.2	0.874	49.2	1.937	No.8-32UNC	0.40	
	NC205-15												UCL205A	No.8-32UNC											
	NC205												UCL205A	No.8-32UNC											
	¹⁵ / ₁₆												NC205-16	UCL205A									No.8-32UNC		
30	1	62	2.441	39.7	1.563	19	0.748	1	0.039	19.5	11.3	13.9	NC206-18	UCL206A	5	0.197	15.9	0.626	23.8	0.937	55.6	2.189	No.8-32UNC	0.50	
	NC206												UCL206A	No.8-32UNC											
	NC206-19												UCL206A	No.8-32UNC											
	¹ / ₈												NC206-20	UCL206A									No.8-32UNC		
35	¹ / ₄	72	2.835	44.5	1.752	20	0.787	1.1	0.043	25.7	15.4	13.9	NC207-20	UCL207A	5.5	0.217	17.5	0.689	27	1.063	61.9	2.437	No.10-24UNC	0.80	
	NC207-22												UCL207B	No.10-24UNC											
	NC207												UCL207B	No.10-24UNC											
	³ / ₈												NC207-23	UCL207B									No.10-24UNC		
40	¹ / ₂	80	3.150	50.8	2.000	21	0.827	1.1	0.043	29.1	17.8	14.0	NC208-24 NC208	UCL208A UCL208A	6	0.236	19	0.748	31.8	1.252	68.3	2.689	No.10-24UNC M5×0.8	1.0	
45	⁵ / ₈	85	3.346	50.8	2.000	22	0.866	1.1	0.043	34.1	21.3	14.0	NC209-26	UCL209A	6	0.236	19	0.748	31.8	1.252	71.4	2.811	No.10-24UNC	1.1	
	¹¹ / ₁₆	85	3.346	50.8	2.000	22	0.866	1.1	0.043	34.1	21.3	14.0	NC209-27	UCL209B	6	0.236	19	0.748	31.8	1.252	74.6	2.937	No.10-24UNC	1.1	
	³ / ₄												NC209-28 NC209	UCL209B UCL209B									No.10-24UNC M5×0.8		
50	¹⁵ / ₁₆	90	3.543	53.1	2.091	24	0.945	1.1	0.043	35.1	23.3	14.4	NC210-31 NC210	UCL210A UCL210A	6	0.236	19	0.748	34.1	1.343	85.7	3.374	1/4-20UNC M6×1	1.4	
	2												NC210-32 UCL210A	1/4-20UNC											
55	2	100	3.937	57.1	2.248	25	0.984	1.5	0.059	43.4	29.4	14.4	NC211-32	UCL211A	7	0.276	22.2	0.874	34.9	1.374	88.9	3.500	1/4-20UNC	1.5	
	³ / ₁₆	100	3.937	57.1	2.248	25	0.984	1.5	0.059	43.4	29.4	14.4	NC211 NC211-35	UCL211B UCL211B	7	0.276	22.2	0.874	34.9	1.374	92.1	3.626	M6×1 1/4-20UNC	1.5	
60	¹ / ₄	110	4.331	66.7	2.626	27	1.063	1.5	0.059	52.4	36.2	14.4	NC212-36	UCL212A	7.5	0.295	25.4	1.000	41.3	1.626	103.2	4.063	5/16-18UNC	2.2	
	² / ₁₆	110	4.331	66.7	2.626	27	1.063	1.5	0.059	52.4	36.2	14.4	NC212 NC212-39	UCL212B UCL212B	7.5	0.295	25.4	1.000	41.3	1.626	104.8	4.126	M8×1.25 5/16-18UNC	2.2	

ERC
Cylindrical bore
(with concentric locking collar)
d 20 ~ 60 mm



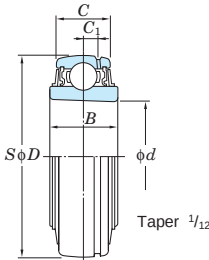
Shaft Dia. mm inch		Dimensions										Basic Load Ratings kN		Factor	Bearing No.	Collar No.		Dimensions												Cap Screw	Mass																												
<i>d</i>		<i>D</i>		<i>B</i> ₁		<i>C</i>		<i>r</i>		<i>r</i> ₁ (min.)		<i>C</i> _r	<i>C</i> _{0r}	<i>f</i> ₀				<i>C</i> _c		<i>S</i>		<i>S</i> ₃		<i>a</i>		<i>f</i>		<i>d</i> ₁		<i>D</i> ₂		inch mm	kg																										
		mm	inch	mm	inch	mm	inch	mm	inch	mm	inch							mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch			mm	inch	mm	inch																						
20	3/4	47	1.850	32.5	1.280	16	0.630	1	0.039	0.5	0.020	12.8	6.65	13.2	ERC204-12 ERC204	UCL204B UCL204B		4	0.157	12.7	0.500	19.8	0.780	2.38	0.094	1.07	0.042	44.5	1.752	52.5	2.067	No.8-32UNC M4×0.7	0.36																										
25	7/8	52	2.047	36.5	1.437	19	0.748	1	0.039	0.5	0.020	14.0	7.85	13.9	ERC205-14	UCL205A	5	0.197	14.3	0.563	22.2	0.874	2.38	0.094	1.07	0.042	49.2	1.937	57.7	2.272	No.8-32UNC	0.47																											
	ERC205-15														UCL205A	No.8-32UNC																																											
	ERC205														UCL205A	No.8-32UNC																																											
	15/16														ERC205-16	UCL205A														No.8-32UNC																													
30	1 1/8	62	2.441	39.7	1.563	22	0.866	1	0.039	0.5	0.020	19.5	11.3	13.9	ERC206-18	UCL206A	5.5	0.217	15.9	0.626	23.8	0.937	3.18	0.125	1.65	0.065	55.6	2.189	67.5	2.657	No.8-32UNC	0.57																											
	ERC206														UCL206A	No.8-32UNC																																											
	ERC206-19														UCL206A	No.8-32UNC																																											
	1 3/16														ERC206-20	UCL206A														No.8-32UNC																													
35	1 1/4	72	2.835	44.5	1.752	24	0.945	1.1	0.043	0.5	0.020	25.7	15.4	13.9	ERC207-20	UCL207A	5.5	0.217	17.5	0.689	27	1.063	3.18	0.125	1.65	0.065	61.9	2.437	78.4	3.087	No.10-24UNC	0.95																											
	ERC207-22														UCL207B	No.10-24UNC																																											
	ERC207														UCL207B	No.10-24UNC																																											
	1 3/8														ERC207-23	UCL207B														No.10-24UNC																													
40	1 1/2	80	3.150	50.8	2.000	28	1.102	1.1	0.043	0.5	0.020	29.1	17.8	14.0	ERC208-24	UCL208A	6	0.236	19	0.748	31.8	1.252	3.18	0.125	1.65	0.065	68.3	2.689	86.4	3.402	No.10-24UNC	1.2																											
	ERC208														UCL208A	M5×0.8																																											
45	1 5/8	85	3.346	50.8	2.000	28	1.102	1.1	0.043	0.5	0.020	34.1	21.3	14.0	ERC209-26	UCL209A	6	0.236	19	0.748	31.8	1.252	3.18	0.125	1.65	0.065	71.4	2.811	91.4	3.598	No.10-24UNC	1.3																											
	ERC209-27														UCL209B	No.10-24UNC																																											
	ERC209-28														UCL209B	No.10-24UNC																																											
	1 11/16														ERC209	UCL209B														No.10-24UNC																													
50	1 3/4	85	3.346	50.8	2.000	28	1.102	1.1	0.043	0.5	0.020	34.1	21.3	14.0	ERC209	UCL209B	6	0.236	19	0.748	31.8	1.252	3.18	0.125	1.65	0.065	74.6	2.937	91.4	3.598	No.10-24UNC	1.3																											
55	1 15/16	90	3.543	53.1	2.091	28	1.102	1.1	0.043	0.5	0.020	35.1	23.3	14.4	ERC210-31	UCL210A	7.5	0.295	19	0.748	34.1	1.343	3.18	0.125	2.41	0.095	85.7	3.374	96.3	3.791	1/4-20UNC	1.6																											
	ERC210														UCL210A	M6×1																																											
	ERC210-32														UCL210A	1/4-20UNC																																											
60	2	100	3.937	57.1	2.248	30	1.181	1.5	0.059	0.5	0.020	43.4	29.4	14.4	ERC211-32	UCL211A	7.5	0.295	22.2	0.874	34.9	1.374	3.18	0.125	2.41	0.095	88.9	3.500	106.3	4.185	1/4-20UNC	1.8																											
	ERC211														UCL211B	M6×1																																											
	ERC211-35														UCL211B	1/4-20UNC																																											
60	2 3/16	100	3.937	57.1	2.248	30	1.181	1.5	0.059	0.5	0.020	43.4	29.4	14.4	ERC212-36	UCL212A	7.5	0.295	25.4	1.000	41.3	1.626	3.18	0.125	2.41	0.095	103.2	4.063	116.4	4.583	5/16-18UNC	2.5																											
	ERC212														UCL212B	M8×1.25																																											
	ERC212-39														UCL212B	5/16-18UNC																																											

UK
Tapered bore (with adapter)
d₁ 20 ~ (50) mm

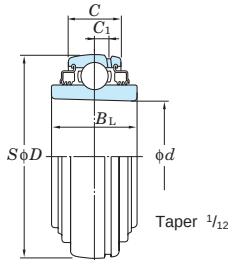


UK

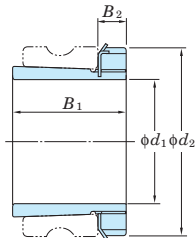
UK+H



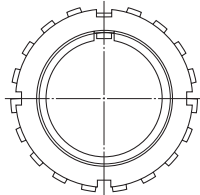
UK



UK-L3



Adapter



Shaft Dia. mm inch		Dimensions inch mm						Basic Load Ratings kN		Factor	Bearing					H3 Series Adapter					H23 Series Adapter						
											No.		Mass kg			Adapter No.	Dimensions inch mm			Mass kg	Sleeve No.	Adapter No.	Dimensions inch mm			Mass kg	Sleeve No.
d_1		d	D	B	B_L	C	C_1	C_r	C_{0r}	f_0	Standard	L3 Type	Standard	L3 Type			B_1	B_2	d_2								
20	3/4	0.984 25	2.047 52	0.827 21	0.945 24	0.669 17	0.197 5	14.0	7.85	13.9	UK205	UK205L2	0.16	0.18		HE305X H305X	1.142 29	0.315 8	1.496 38	0.075	AE305X A305X	HE2305X H2305X	1.378 35	0.315 8	1.496 38	0.095	AE2305X A2305X
	3/4	0.984 25	2.441 62	0.906 23	— —	0.748 19	0.197 5	19.5	11.3	13.9	UKX05	—	0.27	—		— —	— —	— —	— —	— —	— —	HE2305X H2305X	1.378 35	0.315 8	1.496 38	0.095	AE2305X A2305X
	3/4	0.984 25	2.441 62	1.063 27	— —	0.866 22	0.236 6	21.2	10.9	12.6	UK305	—	0.40	—		— —	— —	— —	— —	— —	— —	HE2305X H2305X	1.378 35	0.315 8	1.496 38	0.095	AE2305X A2305X
	1	1.181 30	2.441 62	0.906 23	1.063 27	0.748 19	0.197 5	19.5	11.3	13.9	UK206	UK206L3	0.25	0.29		H306X HE306X	1.220 31	0.315 8	1.772 45	0.11	A306X AE306X	H2306X HE2306X	1.496 38	0.315 8	1.772 45	0.13	A2306X HE2306X
25	1	1.181 30	2.835 72	1.024 26	— —	0.787 20	0.217 5.5	25.7	15.4	13.9	UKX06	—	0.43	—		— —	— —	— —	— —	— —	— —	H2306X HE2306X	1.496 38	0.315 8	1.772 45	0.13	A2306X HE2306X
	1	1.181 30	2.835 72	1.181 30	— —	0.945 24	0.256 6.5	26.7	15.0	13.3	UK306	—	0.47	—		— —	— —	— —	— —	— —	— —	H2306X HE2306X	1.496 38	0.315 8	1.772 45	0.13	A2306X HE2306X
	1 1/8	1.378 35	2.835 72	1.024 26	1.181 30	0.787 20	0.217 5.5	25.7	15.4	13.9	UK207	UK207L3	0.37	0.43		HS307X H307X	1.378 35	0.354 9	2.047 52	0.14	AS307X A307X	HS2307X H2307X	1.693 43	0.354 9	2.047 52	0.17	AS2307X A2307X
30	1 1/8	1.378 35	3.150 80	1.063 27	— —	0.827 21	0.236 6	29.1	17.8	14.0	UKX07	—	0.53	—		— —	— —	— —	— —	— —	— —	HS2307X H2307X	1.693 43	0.354 9	2.047 52	0.17	AS2307X A2307X
	1 1/8	1.378 35	3.150 80	1.299 33	1.299 33	1.024 26	0.295 7.5	33.4	19.3	13.2	UK307	UK307L3	0.60	0.60		— —	— —	— —	— —	— —	— —	HS2307X H2307X	1.693 43	0.354 9	2.047 52	0.17	AS2307X A2307X
	1 1/4 1 3/8	1.575 40	3.150 80	1.063 27	1.339 34	0.827 21	0.236 6	29.1	17.8	14.0	UK208	UK208L3	0.47	0.58		HE308X HS308X H308X	1.417 36	0.394 10	2.283 58	0.19	AE308X AS308X A308X	HE2308X HS2308X H2308X	1.811 46	0.394 10	2.283 58	0.22	AE2308X AS2308X A2308X
35	1 1/4 1 3/8	1.575 40	3.346 85	1.142 29	— —	0.866 22	0.236 6	34.1	21.3	14.0	UKX08	—	0.58	—		— —	— —	— —	— —	— —	— —	HE2308X HS2308X H2308X	1.811 46	0.394 10	2.283 58	0.22	AE2308X AS2308X A2308X
	1 1/4 1 3/8	1.575 40	3.543 90	1.378 35	1.378 35	1.102 28	0.315 8	40.7	24.0	13.2	UK308	UK308L3	0.80	0.80		— —	— —	— —	— —	— —	— —	HE2308X HS2308X H2308X	1.811 46	0.394 10	2.283 58	0.22	AE2308X AS2308X A2308X
	1 1/2	1.772 45	3.346 85	1.142 29	1.417 36	0.866 22	0.236 6	34.1	21.3	14.0	UK209	UK209L3	0.52	0.65		HE309X H309X	1.535 39	0.433 11	2.559 65	0.25	AE309X A309X	HE2309X H2309X	1.969 50	0.433 11	2.559 65	0.28	AE2309X A2309X
40	1 1/2	1.772 45	3.543 90	1.142 29	— —	0.945 24	0.236 6	35.1	23.3	14.4	UKX09	—	0.67	—		— —	— —	— —	— —	— —	— —	HE2309X H2309X	1.969 50	0.433 11	2.559 65	0.28	AE2309X A2309X
	1 1/2	1.772 45	3.937 100	1.496 38	1.496 38	1.181 30	0.335 8.5	48.9	29.5	13.3	UK309	UK309L3	1.08	1.08		— —	— —	— —	— —	— —	— —	HE2309X H2309X	1.969 50	0.433 11	2.559 65	0.28	AE2309X A2309X
	1 3/4	1.969 50	3.543 90	1.142 29	1.417 36	0.945 24	0.236 6	35.1	23.3	14.4	UK210	UK210L3	0.59	0.65		HE310X H310X	1.654 42	0.472 12	2.756 70	0.30	AE310X A310X	HE2310X H2310X	2.165 55	0.472 12	2.756 70	0.36	AE2310X A2310X
45	1 3/4	1.969 50	3.937 100	1.220 31	— —	0.984 25	0.276 7	43.4	29.4	14.4	UKX10	—	0.89	—		— —	— —	— —	— —	— —	— —	HE2310X H2310X	2.165 55	0.472 12	2.756 70	0.36	AE2310X A2310X
	1 3/4	1.969 50	4.331 110	1.575 40	1.575 40	1.260 32	0.354 9	62.0	38.3	13.2	UK310	UK310L3	1.38	1.38		— —	— —	— —	— —	— —	— —	HE2310X H2310X	2.165 55	0.472 12	2.756 70	0.36	AE2310X A2310X
	1 7/8 2	2.165 55	3.937 100	1.220 31	1.575 40	0.984 25	0.276 7	43.4	29.4	14.4	UK211	UK211L3	0.80	1.09		HS311X H311X HE311X	1.772 45	0.472 12	2.953 75	0.35	AS311X A311X AE311X	HS2311X H2311X HE2311X	2.323 59	0.4921 12.5	2.953 75	0.42	AS2311X A2311X AE2311X
50	1 7/8 2	2.165 55	4.331 110	1.299 33	— —	1.063 27	0.295 7.5	52.4	36.2	14.4	UKX11	—	1.15	—		— —	— —	— —	— —	— —	— —	HS2311X H2311X HE2311X	2.323 59	0.4921 12.5	2.953 75	0.42	AS2311X A2311X AE2311X

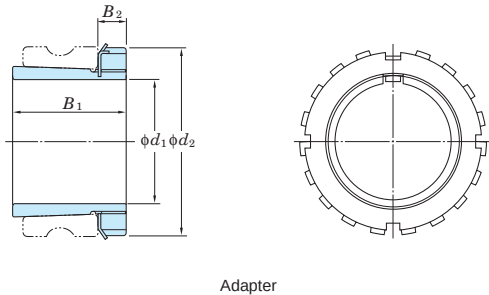
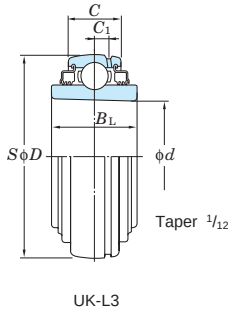
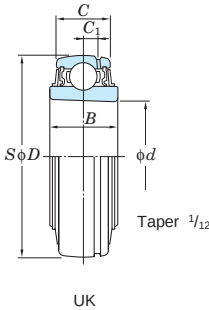
Remarks 1. In Part No. of unit with adapters, Part No. of applicable adapters follow the Part No. shown in the dimensional tables.
(Example of Part No. : UK206 + 306X, UK206L3 + H2306X)

2. Adapter series applicable to UK200 series
UK200..... H300X series
UK200L3 (or L2) H2300X series

3. UK205 is the double seal type product (L2).

4. Inch bore diameter series adapters are also available (see the dimensional tables of adapters).

UK
Tapered bore (with adapter)
d₁ (50) ~ (90) mm



Shaft Dia. mm inch		Dimensions inch mm						Basic Load Ratings kN		Factor	Bearing					H3 Series Adapter					H23 Series Adapter						
											No.		Mass kg			Adapter No.	Dimensions inch mm			Mass kg	Sleeve No.	Adapter No.	Dimensions inch mm			Mass kg	Sleeve No.
d_1		d	D	B	B_L	C	C_1	C_r	C_{0r}	f_0	Standard	L3 Type	Standard	L3 Type			B_1	B_2	d_2								
50	1 7/8	2.165	4.724	1.693	1.693	1.339	0.394	71.6	45.0	13.2	UK311	UK311L3	1.78	1.78		—	—	—	—	—	HS2311X	2.323	0.4921	2.953	0.42	AS2311X	
	2	55	120	43	43	34	10									—	—	—	—	—	H2311X	59	12.5	75		A2311X	
55	2 1/8	2.362	4.331	1.299	1.850	1.063	0.295	52.4	36.2	14.4	UK212	UK212L3	1.02	1.41		HS312X	1.850	0.512	3.150	0.43	AS312X	HS2312X	2.441	0.512	3.150	0.48	AS2312X
		60	110	33	47	27	7.5									H312X	47	13	80		A312X	H2312X	62	13	80		A2312X
	2 1/8	2.362	4.724	1.417	—	1.102	0.295	57.2	40.1	14.4	UKX12	—	1.45	—		—	—	—	—	—	HS2312X	2.441	0.512	3.150	0.48	AS2312X	
		60	120	36	—	28	7.5									—	—	—	—	—	H2312X	62	13	80		A2312X	
60	2 1/8	2.362	5.118	1.850	1.850	1.417	0.453	81.9	52.2	13.2	UK312	UK312L3	2.06	2.06		—	—	—	—	—	HS2312X	2.441	0.512	3.150	0.48	AS2312X	
		60	130	47	47	36	11.5									—	—	—	—	—	H2312X	62	13	80		A2312X	
	2 1/4	2.559	4.724	1.417	1.850	1.102	0.295	57.2	40.1	14.4	UK213	UK213L3	1.34	1.67		HE313X	1.969	0.551	3.346	0.46	AE313X	HE2313X	2.559	0.551	3.346	0.56	AE2313X
		65	120	36	47	28	7.5									H313X	50	14	85		A313X	H2313X	65	14	85		A2313X
	2 3/8	2.559	4.921	1.575	—	1.181	0.354	62.2	44.1	14.5	UKX13	—	1.62	—		—	—	—	—	—	HS2313X	2.559	0.551	3.346	0.56	AS2313X	
		65	125	40	—	30	9									—	—	—	—	—	HS2313X	65	14	85		AS2313X	
65	2 1/4	2.559	5.512	1.929	1.929	1.496	0.472	92.7	59.9	13.2	UK313	UK313L3	2.71	2.71		—	—	—	—	—	HE2313X	2.559	0.551	3.346	0.56	AE2313X	
		65	140	49	49	38	12									—	—	—	—	—	H2313X	65	14	85		A2313X	
	2 1/2	2.953	5.118	1.575	2.008	1.260	0.354	67.4	48.3	14.5	UK215	UK215L3	1.50	1.99		HE315X	2.165	0.591	3.858	0.83	AE315X	HE2315X	2.874	0.591	3.858	1.05	AE2315X
		75	130	40	51	32	9									H315X	55	15	98		A315X	H2315X	73	15	98		A2315X
70	2 1/2	2.953	5.512	1.654	—	1.299	0.354	72.7	53.0	14.6	UKX15	—	2.10	—		—	—	—	—	—	HE2315X	2.874	0.591	3.858	1.05	AE2315X	
		75	140	42	—	33	9									—	—	—	—	—	H2315X	73	15	98		A2315X	
	2 1/2	2.953	6.299	2.165	2.165	1.654	0.571	113	77.2	13.2	UK315	UK315L3	3.80	3.80		—	—	—	—	—	HE2315X	2.874	0.591	3.858	1.05	AE2315X	
75	2 3/4	3.150	5.512	1.654	2.165	1.299	0.354	72.7	53.0	14.6	UK216	UK216L3	1.96	2.56		HE316X	2.323	0.669	4.134	1.05	AE316X	HE2316X	3.071	0.669	4.134	1.3	AE2316X
		80	140	42	55	33	9									H316X	59	17	105		A316X	H2316X	78	17	105		A2316X
	2 3/4	3.150	5.906	1.732	—	1.378	0.394	84.0	61.9	14.5	UKX16	—	2.64	—		—	—	—	—	—	HE2316X	3.071	0.669	4.134	1.3	AE2316X	
		80	150	44	—	35	10									—	—	—	—	—	H2316X	78	17	105		A2316X	
80	2 3/4	3.150	6.693	2.165	2.165	1.732	0.591	123	86.7	13.3	UK316	UK316L3	4.39	4.39		—	—	—	—	—	HE2316X	3.071	0.669	4.134	1.3	AE2316X	
		80	170	55	55	44	15									—	—	—	—	—	H2316X	78	17	105		A2316X	
	3	3.346	5.906	1.732	2.244	1.378	0.394	84.0	61.9	14.5	UK217	UK217L3	2.42	3.10		H317X	2.480	0.709	4.331	1.2	A317X	H2317X	3.228	0.709	4.331	1.45	A2317X
		85	150	44	57	35	10									HE317X	63	18	110		AE317X	HE2317X	82	18	110		AE2317X
85	3	3.346	6.299	1.890	—	1.496	0.433	96.1	71.5	14.5	UKX17	—	3.25	—		—	—	—	—	—	H2317X	3.228	0.709	4.331	1.45	A2317X	
		85	160	48	—	38	11									—	—	—	—	—	HE2317X	82	18	110		AE2317X	
	3	3.346	7.087	2.362	2.362	1.811	0.591	133	96.8	13.3	UK317	UK317L3	5.30	5.30		—	—	—	—	—	H2317X	3.228	0.709	4.331	1.45	A2317X	
90	3 1/4	3.543	6.299	1.890	2.480	1.496	0.433	96.1	71.5	14.5	UK218	UK218L3	2.90	3.77		—	—	—	—	—	HE2317X	82	18	110		AE2317X	
		90	160	48	63	38	11									H318X	2.559	0.709	4.724	1.4	A318X	H2318X	3.386	0.709	4.724	1.7	A2318X
	3 1/2	3.543	6.693	1.969	—	1.575	0.453	109	81.9	14.4	UKX18	—	3.80	—		—	—	—	—	—	H2318X	3.386	0.709	4.724	1.7	A2318X	
		90	170	50	—	40	11.5									—	—	—	—	—	H2318X	86	18	120		A2318X	
95	3 3/4	3.740	7.480	2.362	2.362	1.890	0.610	143	107	13.3	UK318	UK318L3	6.20	6.20		—	—	—	—	—	H2318X	3.386	0.709	4.724	1.7	A2318X	
		90	190	60	60	48	15.5									—	—	—	—	—	H2318X	86	18	120		A2318X	
100	3 1/2	3.937	7.874	2.598	2.598	1.969	0.650	153	119	13.3	UK319	UK319L3	7.31	7.31		—	—	—	—	—	H2319X	3.543	0.748	4.921	1.95	A2319X	
		95	200	66	66	50	16.5									—	—	—	—	—	H2319X	90	19	125		A2319X	
110	3 1/2	3.937	7.480	2.126	—	1.693	0.512	133	105	14.4	UKX20	—	5.36	—		—	—	—	—	—	HE2320X	3.819	0.787	5.118	2.2	AE2320X	
		100	190	54	—	43	13									—	—	—	—	—	H2320X	97	20	130		A2320X	

Remarks 1. In Part No. of unit with adapters, Part No. of applicable adapters follow the Part No. shown in the dimensional tables.
(Example of Part No. : UK206 + 306X, UK206L3 + H2306X)

2. Adapter series applicable to UK200 series
UK200..... H300X series
UK200L3 (or L2) H2300X series

3. UK205 is the double seal type product (L2).

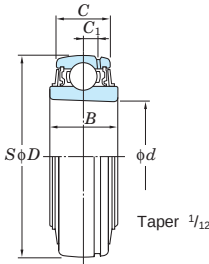
4. Inch bore diameter series adapters are also available (see the dimensional tables of adapters).

UK
 Tapered bore (with adapter)
 d_1 (90) ~ 125 mm

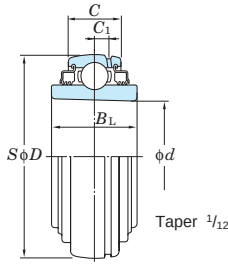


UK

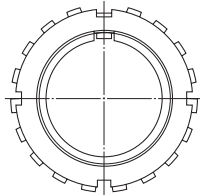
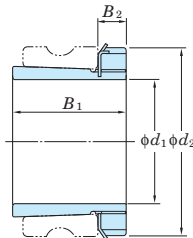
UK+H



UK



UK-L3

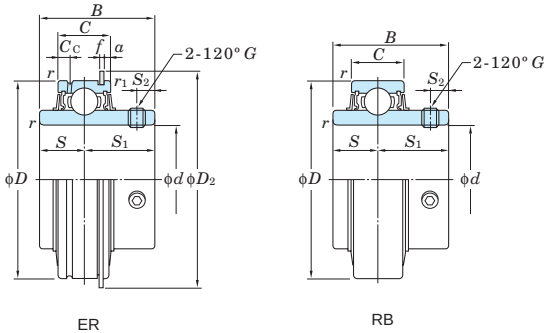
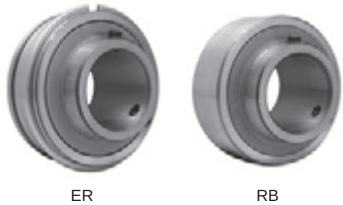


Adapter

Shaft Dia. mm inch		Dimensions inch mm						Basic Load Ratings kN		Factor	Bearing					H3 Series Adapter					H23 Series Adapter						
											No.		Mass kg			Adapter No.	Dimensions inch mm			Mass kg	Sleeve No.	Adapter No.	Dimensions inch mm			Mass kg	Sleeve No.
d_1		d	D	B	B_L	C	C_1	C_r	C_{0r}	f_0	Standard	L3 Type	Standard	L3 Type			B_1	B_2	d_2								
90	3 1/2	3.937 100	8.465 215	2.677 68	2.677 68	2.126 54	0.709 18	173	141	13.2	UK320	UK320L3	8.70	8.70		—	—	—	—	—		HE2320X H2320X	3.819 97	0.787 20	5.118 130	2.2	AE2320X A2320X
100	4	4.331 110	9.449 240	3.071 78	3.071 78	2.362 60	0.787 20	205	180	13.2	UK322	UK322L3	12.2	12.2		—	—	—	—	—		H2322X HE2322X	4.134 105	0.827 21	5.709 145	2.75	A2322X AE2322X
110	—	4.724 120	10.236 260	3.425 87	3.425 87	2.520 64	0.827 21	207	185	13.5	UK324	UK324L3	16.1	16.1		—	—	—	—	—		H2324	4.409 112	0.866 22	6.102 155	3.2	A2324
115	4 1/2	5.118 130	11.024 280	3.425 87	3.425 87	2.677 68	0.866 22	229	214	13.6	UK326	UK326L3	18.8	18.8		—	—	—	—	—		HE2326 H2326	4.764 121	0.906 23	6.496 165	4.6	AE2326 A2326
125	—	5.512 140	11.811 300	3.819 97	3.819 97	2.835 72	0.906 23	253	246	13.6	UK328	UK328L3	23.9	23.9		—	—	—	—	—		H2328	5.157 131	0.945 24	7.087 180	5.5	A2328

- Remarks 1. In Part No. of unit with adapters, Part No. of applicable adapters follow the Part No. shown in the dimensional tables.
 (Example of Part No. : UK206 + 306X, UK206L3 + H2306X)
2. Adapter series applicable to UK200 series
 UK200..... H300X series
 UK200L3 (or L2) H2300X series
 3. UK205 is the double seal type product (L2).
 4. Inch bore diameter series adapters are also available (see the dimensional tables of adapters).

ER, RB
Cylindrical bore (with set screws),
Cylindrical O. D.
d 12 ~ 60 mm



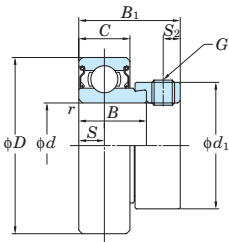
Shaft Dia. mm inch		Dimensions inch mm					Basic Load Ratings kN		Factor	Bearing No.		Dimensions inch mm							Set Screw Brg. Bore G		Mass kg	
d		D	B	C	r (min.)	r ₁ (min.)	C _r	C _{0r}	f ₀	(ER)	(RB)	S	S ₁	S ₂	C _c	a	f	D ₂	mm	inch	(ER)	(RB)
12	1/2	1.850	1.220	0.630	0.024	0.020	12.8	6.65	13.2	ER201	RB201								M6×0.75	—	0.27	0.27
15	5/8	47	31	16	0.6	0.5	12.8	6.65	13.2	ER201-8	RB201-8	0.500	0.720	0.197	0.157	0.094	0.042	2.067	—	1/4-28UNF	0.27	0.27
17										ER202	RB202	12.7	18.3	5	4	2.38	1.07	52.5	M6×0.75	—	0.25	0.25
										ER202-10	RB202-10								—	1/4-28UNF	0.25	0.25
										ER203	RB203								M6×0.75	—	0.24	0.24
20	3/4	1.850	1.220	0.630	0.039	0.020	12.8	6.65	13.2	ER204-12	RB204-12	0.500	0.720	0.197	0.157	0.094	0.042	2.067	—	1/4-28UNF	0.22	0.22
		47	31	16	1	0.5	12.8	6.65	13.2	ER204	RB204	12.7	18.3	5	4	2.38	1.07	52.5	M6×0.75	—	0.22	0.22
25	7/8	2.047	1.343	0.748	0.039	0.020	14.0	7.85	13.9	ER205-14	RB205-14								—	1/4-28UNF	0.3	0.29
	15/16									ER205-15	RB205-15	0.563	0.780	0.217	0.197	0.094	0.042	2.272	—	1/4-28UNF	0.28	0.27
	1	52	34.1	19	1	0.5	14.0	7.85	13.9	ER205	RB205	14.3	19.8	5.5	5	2.38	1.07	57.7	M6×0.75	—	0.27	0.26
										ER205-16	RB205-16								—	1/4-28UNF	0.27	0.26
30	1 1/8	2.441	1.500	0.866	0.039	0.020	19.5	11.3	13.9	ER206-18	RB206-18								—	1/4-28UNF	0.41	0.4
	1 3/16									ER206	RB206	0.626	0.874	0.236	0.217	0.125	0.065	2.657	M6×0.75	—	0.39	0.38
	1 1/4	62	38.1	22	1	0.5	19.5	11.3	13.9	ER206-19	RB206-19	15.9	22.2	6	5.5	3.18	1.65	67.5	—	1/4-28UNF	0.39	0.38
										ER206-20	RB206-20								—	1/4-28UNF	0.37	0.36
35	1 1/4	2.835	1.689	0.945	0.043	0.020	25.7	15.4	13.9	ER207-20	RB207-20								—	5/16-24UNF	0.69	0.68
	1 5/16									ER207-21	RB207-21	0.689	1.000	0.256	0.217	0.125	0.065	3.087	—	5/16-24UNF	0.66	0.65
	1 3/8	72	42.9	24	1.1	0.5	25.7	15.4	13.9	ER207-22	RB207-22	17.5	25.4	6.5	5.5	3.18	1.65	78.4	—	5/16-24UNF	0.64	0.63
										ER207	RB207								M8×1	—	0.63	0.62
	1 7/16									ER207-23	RB207-23								—	5/16-24UNF	0.61	0.6
40	1 1/2	3.150	1.937	1.102	0.043	0.020	29.1	17.8	14.0	ER208-24	RB208-24	0.748	1.189	0.315	0.236	0.125	0.065	3.402	—	5/16-24UNF	0.85	0.84
	1 9/16	80	49.2	28	1.1	0.5	29.1	17.8	14.0	ER208-25	RB208-25	19	30.2	8	6	3.18	1.65	86.4	—	5/16-24UNF	0.82	0.81
										ER208	RB208								M8×1	—	0.81	0.78
45	1 5/8	3.346	1.937	1.102	0.043	0.020	34.1	21.3	14.0	ER209-26	—								—	5/16-24UNF	1.0	—
	1 11/16									ER209-27	—	0.748	1.189	0.315	0.236	0.125	0.065	3.598	—	5/16-24UNF	0.96	—
	1 3/4	85	49.2	28	1.1	0.5	34.1	21.3	14.0	ER209-28	—	19	30.2	8	6	3.18	1.65	91.4	—	5/16-24UNF	0.92	—
										ER209	—								M8×1	—	0.90	—
50	1 7/8	3.543	2.031	1.102	0.043	0.020	35.1	23.3	14.4	ER210-30	—								—	3/8-24UNF	1.05	—
	1 15/16									ER210-31	—	0.748	1.283	0.354	0.295	0.125	0.095	3.791	—	3/8-24UNF	1.0	—
	2	90	51.6	28	1.1	0.5	35.1	23.3	14.4	ER210	—	19	32.6	9	7.5	3.18	2.41	96.3	M10×1.25	—	0.98	—
										ER210-32	—								—	3/8-24UNF	0.96	—
55	2	3.937	2.189	1.181	0.059	0.020	43.4	29.4	14.4	ER211-32	—								—	3/8-24UNF	1.56	—
	2 1/8									ER211-34	—	0.874	1.315	0.354	0.295	0.125	0.095	4.185	—	3/8-24UNF	1.45	—
		100	55.6	30	1.5	0.5	43.4	29.4	14.4	ER211	—	22.2	33.4	9	7.5	3.18	2.41	106.3	M10×1.25	—	1.41	—
	2 3/16									ER211-35	—								—	3/8-24UNF	1.39	—
60	2 1/4	4.331	2.563	1.260	0.059	0.020	52.4	36.2	14.4	ER212-36	—								—	3/8-24UNF	2.02	—
										ER212	—	1.000	1.563	0.413	0.295	0.125	0.095	4.583	M10×1.25	—	1.89	—
	2 3/8	110	65.1	32	1.5	0.5	52.4	36.2	14.4	ER212-38	—	25.4	39.7	10.5	7.5	3.18	2.41	116.4	—	3/8-24UNF	1.87	—
	2 7/16									ER212-39	—								—	3/8-24UNF	1.8	—

SAA-F, SBB-RK
Cylindrical bore
(with eccentric locking collar)
Cylindrical O. D.
d 12 ~ 55 mm

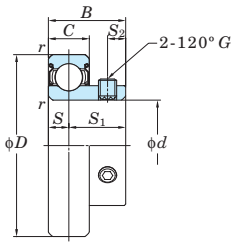


SAA-F

SBB-RK



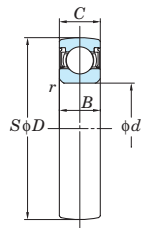
SAA-F



SBB-RK

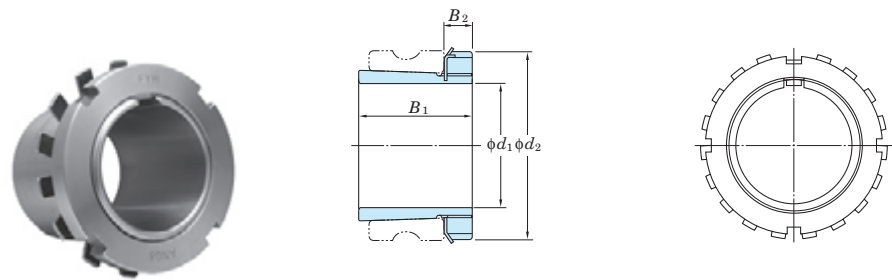
Shaft Dia. mm inch		Dimensions										Basic Load Ratings kN		Factor	Bearing No.	Dimensions								Set Screw Brg. Bore		Mass
d		D		B		B ₁		C		r (min.)		C ₀	C _{0r}	f ₀		S		S ₁		S ₂		d ₁		mm	inch	kg
mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch					mm	inch	mm	inch	mm	inch	mm	inch			
12	—	40	1.575	22	0.866	—	—	12	0.472	0.6	0.024	9.55	4.80	13.2	SBB201RK	6	0.236	16	0.630	4	0.157	—	—	M5×0.5	—	0.10
		40	1.575	19.1	0.752	28.6	1.126	13	0.512	0.6	0.024	9.55	4.80	13.2	SAA201FP7	6.5	0.256			4.8	0.189	28.6	1.126	M6×0.75	—	0.13
—	1/2	40	1.575	22	0.866	—	—	12	0.472	0.6	0.024	9.55	4.80	13.2	SBB201-8RK	6	0.236	16	0.630	4	0.157	—	—	—	No.10-32UNF	0.10
		40	1.575	19.1	0.752	28.6	1.126	13	0.512	0.6	0.024	9.55	4.80	13.2	SAA201-8FP7	6.5	0.256			4.8	0.189	28.6	1.126	—	1/4-28UNF	0.13
15	—	40	1.575	22	0.866	—	—	12	0.472	0.6	0.024	9.55	4.80	13.2	SBB202RK	6	0.236	16	0.630	4	0.157	—	—	M5×0.5	—	0.10
		40	1.575	19.1	0.752	28.6	1.126	13	0.512	0.6	0.024	9.55	4.80	13.2	SAA202FP7	6.5	0.256			4.8	0.189	28.6	1.126	M6×0.75	—	0.13
—	5/8	40	1.575	22	0.866	—	—	12	0.472	0.6	0.024	9.55	4.80	13.2	SBB202-10RK	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	SBB203RK	6	0.236	16	0.630	4	0.157	—	—	M5×0.5	—	0.10
17	—	40	1.575	19.1	0.752	28.6	1.126	13	0.512	0.6	0.024	9.55	4.80	13.2	SAA203FP7	6.5	0.256			4.8	0.189	28.6	1.126	M6×0.75	—	0.13
		47	1.850	25	0.984	—	—	14	0.551	1	0.039	12.8	6.65	13.2	SBB204-12RK	7	0.276	18	0.709	5	0.197	—	—	—	1/4-28UNF	0.15
—	3/4	47	1.850	21.5	0.846	31	1.220	15	0.591	1	0.039	12.8	6.65	13.2	SAA204-12FP7	7.5	0.295	18	0.709	4.8	0.189	33.3	1.311	—	1/4-28UNF	0.19
		47	1.850	25	0.984	—	—	14	0.551	1	0.039	12.8	6.65	13.2	SBB204RK	7	0.276	18	0.709	5	0.197	—	—	M6×0.75	—	0.15
20	—	47	1.850	21.5	0.846	31	1.220	15	0.591	1	0.039	12.8	6.65	13.2	SAA204FP7	7.5	0.295	18	0.709	4.8	0.189	33.3	1.311	M6×0.75	—	0.19
		52	2.047	27	1.063	—	—	15	0.591	1	0.039	14.0	7.85	13.9	SBB205-14RK	7.5	0.295	19.5	0.768	5.5	0.217	—	—	—	1/4-28UNF	0.18
—	15/16	52	2.047	27	1.063	—	—	15	0.591	1	0.039	14.0	7.85	13.9	SBB205-15RK	7.5	0.295	19.5	0.768	5.5	0.217	—	—	—	1/4-28UNF	0.18
		52	2.047	21.5	0.846	31	1.220	15	0.591	1	0.039	14.0	7.85	13.9	SAA205-15FP7	7.5	0.295			4.8	0.189	38.1	1.500	—	1/4-28UNF	0.23
25	—	52	2.047	27	1.063	—	—	15	0.591	1	0.039	14.0	7.85	13.9	SBB205RK	7.5	0.295	19.5	0.768	5.5	0.217	—	—	M6×0.75	—	0.18
		52	2.047	21.5	0.846	31	1.220	15	0.591	1	0.039	14.0	7.85	13.9	SAA205FP7	7.5	0.295			4.8	0.189	38.1	1.500	M6×0.75	—	0.23
—	1	52	2.047	27	1.063	—	—	15	0.591	1	0.039	14.0	7.85	13.9	SBB205-16RK	7.5	0.295	19.5	0.768	5.5	0.217	—	—	—	1/4-28UNF	0.18
		52	2.047	21.5	0.846	31	1.220	15	0.591	1	0.039	14.0	7.85	13.9	SAA205-16FP7	7.5	0.295			4.8	0.189	38.1	1.500	—	1/4-28UNF	0.23
—	1 1/8	62	2.441	30	1.181	—	—	16	0.630	1	0.039	19.5	11.3	13.9	SBB206-18RK	8	0.315	22	0.866	6	0.236	—	—	—	1/4-28UNF	0.27
		62	2.441	23.8	0.937	35.7	1.406	18	0.709	1	0.039	19.5	11.3	13.9	SAA206-18FP7	9	0.354			6	0.236	44.5	1.752	—	5/16-24UNF	0.34
30	—	62	2.441	30	1.181	—	—	16	0.630	1	0.039	19.5	11.3	13.9	SBB206RK	8	0.315	22	0.866	6	0.236	—	—	M6×0.75	—	0.27
		62	2.441	23.8	0.937	35.7	1.406	18	0.709	1	0.039	19.5	11.3	13.9	SAA206FP7	9	0.354			6	0.236	44.5	1.752	M8×1	—	0.34
—	1 3/16	62	2.441	30	1.181	—	—	16	0.630	1	0.039	19.5	11.3	13.9	SBB206-19RK	8	0.315	22	0.866	6	0.236	—	—	—	1/4-28UNF	0.27
		62	2.441	23.8	0.937	35.7	1.406	18	0.709	1	0.039	19.5	11.3	13.9	SAA206-19FP7	9	0.354			6	0.236	44.5	1.752	—	5/16-24UNF	0.34
—	1 1/4	62	2.441	30	1.181	—	—	16	0.630	1	0.039	19.5	11.3	13.9	SBB206-20RK	8	0.315	22	0.866	6	0.236	—	—	—	1/4-28UNF	0.27
		62	2.441	23.8	0.937	35.7	1.406	18	0.709	1	0.039	19.5	11.3	13.9	SAA206-20FP7	9	0.354			6	0.236	44.5	1.752	—	5/16-24UNF	0.34
—	1 1/4	72	2.835	32	1.260	—	—	17	0.669	1.1	0.043	25.7	15.4	13.9	SBB207-20RK	8.5	0.335	23.5	0.925	6	0.236	—	—	—	1/4-28UNF	0.42
		72	2.835	25.4	1.000	38.9	1.531	19	0.748	1.1	0.043	25.7	15.4	13.9	SAA207-20FP7	9.5	0.374			6.8	0.268	55.6	2.189	—	5/16-24UNF	0.57
—	1 5/16	72	2.835	25.4	1.000	38.9	1.531	19	0.748	1.1	0.043	25.7	15.4	13.9	SAA207-21FP7	9.5	0.374	—	—	6.8	0.268	55.6	2.189	—	5/16-24UNF	0.57
		72	2.835	32	1.260	—	—	17	0.669	1.1	0.043	25.7	15.4	13.9	SBB207-22RK	8.5	0.335	23.5	0.925	6	0.236	—	—	—	1/4-28UNF	0.42
—	1 3/8	72	2.835	25.4	1.000	38.9	1.531	19	0.748	1.1	0.043	25.7	15.4	13.9	SAA207-22FP7	9.5	0.374			6.8	0.268	55.6	2.189	—	5/16-24UNF	0.57
		72	2.835	32	1.260	—	—	17	0.669	1.1	0.043	25.7	15.4	13.9	SBB207RK	8.5	0.335	23.5	0.925	6	0.236	—	—	M6×0.75	—	0.42
35	—	72	2.835	25.4	1.000	38.9	1.531	19	0.748	1.1	0.043	25.7	15.4	13.9	SAA207FP7	9.5	0.374			6.8	0.268	55.6	2.189	M8×1	—	0.57
		72	2.835	32	1.260	—	—	17	0.669	1.1	0.043	25.7	15.4	13.9	SBB207-23RK	8.5	0.335	23.5	0.925	6	0.236	—	—	—	1/4-28UNF	0.42
—	1 7/16	72	2.835	25.4	1.000	38.9	1.531	19	0.748	1.1	0.043	25.7	15.4	13.9	SAA207-23FP7	9.5	0.374			6.8	0.268	55.6	2.189	—	5/16-24UNF	0.57
		80	3.150	34	1.339	—	—	18	0.709	1.1	0.043	29.1	17.8	14.0	SBB208-24RK	9	0.354	25	0.984	8	0.315	—	—	—	5/16-24UNF	0.60
—	1 1/2	80	3.150	30.2	1.189	43.7	1.720	22	0.866	1.1	0.043	29.1	17.8	14.0	SAA208-24FP7	11	0.433	—	—	6.8	0.268	60.3	2.374	—	5/16-24UNF	0.75
		80	3.150	30.2	1.189	43.7	1.720	22	0.866	1.1	0.043	29.1	17.8	14.0	SAA208-25FP7	11	0.433	—	—	6.8	0.268	60.3	2.374	—	5/16-24UNF	0.75
40	—	80	3.150	34	1.339	—	—	18	0.709	1.1	0.043	29.1	17.8	14.0	SBB208RK	9	0.354	25	0.984	8	0.315	—	—	M8×1	—	0.60
		80	3.150	30.2	1.189	43.7	1.720	22	0.866	1.1	0.043	29.1	17.8	14.0	SAA208FP7	11	0.433			6.8	0.268	60.3	2.374	M8×1	—	0.75
—	1 5/8	85	3.346	30.2	1.189	43.7	1.720	22	0.866	1.1	0.043	34.1	21.3	14.0	SAA209-26FP7	11	0.433	—	—	6.8	0.268	63.5	2.500	—	5/16-24UNF	0.82
		85	3.346	30.2	1.189	43.7	1.720	22	0.866	1.1	0.043	34.1	21.3	14.0	SAA209-27FP7											

SC
Cylindrical bore
d 17 ~ 40 mm



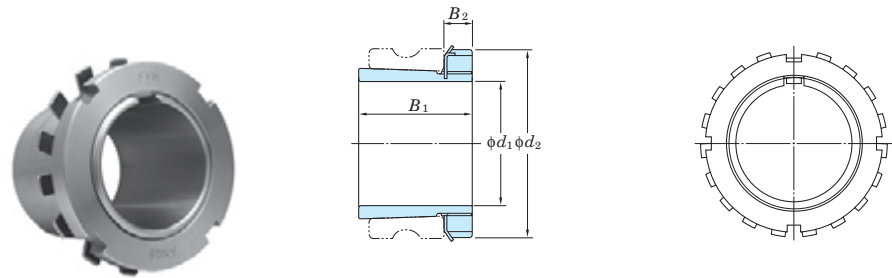
Shaft Dia. mm	Dimensions								Basic Load Ratings kN		Factor	Bearing No.	Mass
	<i>D</i>		<i>B</i>		<i>C</i>		<i>r</i> (min.)		<i>C</i> ₀	<i>C</i> _{0r}	<i>f</i> ₀		kg
	mm	inch	mm	inch	mm	inch	mm	inch					
17	40	1.575	12	0.472	12	0.472	0.6	0.024	9.55	4.80	13.2	SC203	0.10
20	47	1.850	14	0.551	14	0.551	1	0.039	12.8	6.65	13.2	SC204	0.15
25	52	2.047	15	0.591	15	0.591	1	0.039	14.0	7.85	13.9	SC205	0.18
30	62	2.441	16	0.630	16	0.630	1	0.039	19.5	11.3	13.9	SC206	0.27
35	72	2.835	17	0.669	17	0.669	1.1	0.043	25.7	15.4	13.9	SC207	0.42
40	80	3.150	18	0.709	18	0.709	1.1	0.043	29.1	17.8	14.0	SC208	0.60

H300X, H2300X
d₁ 20 ~ 55 mm



mm	Shaft Dia. d ₁ inch				Dimensions inch mm			Adapter No.				Sleeve No.				Lock Nut No.	Washer No.	Mass kg			
	(H)	(HE)	(HS)	(HA)	B ₁	B ₂	d ₂	(H)	(HE)	(HS)	(HA)	(H)	(HE)	(HS)	(HA)			(H)	(HE)	(HS)	(HA)
20	—	—	—	—	1.142	0.315	1.496	H305X	—	—	—	A305X	—	—	—	AN05	AW05X	0.075	—	—	—
	3/4	—	—	—	29	8	38	—	HE305X	—	—	—	AE305X	—	—	AN05	AW05X	—	0.08	—	—
20	—	—	—	—	1.378	0.315	1.496	H2305X	—	—	—	A2305X	—	—	—	AN05	AW05X	0.095	—	—	—
	3/4	—	—	—	35	8	38	—	HE2305X	—	—	—	AE2305X	—	—	AN05	AW05X	—	0.085	—	—
25	—	—	—	—	1.220	0.315	1.772	H306X	—	—	—	A306X	—	—	—	AN06	AW06X	0.11	—	—	—
	1	—	—	—	31	8	45	—	HE306X	—	—	—	AE306X	—	—	AN06	AW06X	—	0.105	—	—
	—	7/8	—	—	—	—	—	—	—	HS306X	—	—	—	AS306X	—	—	—	—	—	0.13	—
	—	—	15/16	—	—	—	—	—	—	—	HA306X	—	—	AA306X	—	—	—	—	—	—	0.12
25	—	—	—	—	1.496	0.315	1.772	H2306X	—	—	—	A2306X	—	—	—	AN06	AW06X	0.13	—	—	—
	1	—	—	—	38	8	45	—	HE2306X	—	—	—	AE2306X	—	—	AN06	AW06X	—	0.12	—	—
	—	7/8	—	—	—	—	—	—	—	HS2306X	—	—	—	AS2306X	—	—	—	—	—	0.16	—
	—	—	15/16	—	—	—	—	—	—	—	HA2306X	—	—	AA2306X	—	—	—	—	—	—	0.14
30	—	—	—	—	1.378	0.354	2.047	H307X	—	—	—	A307X	—	—	—	AN07	AW07X	0.14	—	—	—
	—	1 1/8	—	—	35	9	52	—	—	HS307X	—	—	—	AS307X	—	AN07	AW07X	—	—	0.15	—
30	—	—	—	1 3/16	1.693	0.354	2.047	H2307X	—	—	—	—	—	—	AA307X	—	—	—	—	—	0.14
	—	—	—	1 3/16	43	9	52	—	—	—	HA2307X	—	—	—	AA2307X	—	—	—	—	—	0.17
35	—	—	—	—	1.417	0.394	2.283	H308X	—	—	—	A308X	—	—	—	AN08	AW08X	0.19	—	—	—
	1 1/4	—	—	—	36	10	58	—	HE308X	—	—	—	AE308X	—	—	AN08	AW08X	—	0.23	—	—
35	—	—	—	—	1.811	0.394	2.283	H2308X	—	—	—	—	—	—	—	AN08	AW08X	0.22	—	—	—
	1 1/4	—	—	—	46	10	58	—	HE2308X	—	—	—	AE2308X	—	—	AN08	AW08X	—	0.28	—	—
40	—	—	—	—	1.535	0.433	2.559	H309X	—	—	—	A309X	—	—	—	AN09	AW09X	0.25	—	—	—
	1 1/2	—	—	—	39	11	65	—	HE309X	—	—	—	AE309X	—	—	AN09	AW09X	—	0.28	—	—
40	—	—	—	1 7/16	1.969	0.433	2.559	H2309X	—	—	—	—	—	—	—	AN09	AW09X	0.28	—	—	—
	1 1/2	—	—	—	50	11	65	—	HE2309X	—	—	—	AE2309X	—	—	AN09	AW09X	—	0.32	—	—
45	—	—	—	—	1.654	0.472	2.756	H310X	—	—	—	A310X	—	—	—	AN10	AW10X	0.30	—	—	—
	1 3/4	—	—	—	42	12	70	—	HE310X	—	—	—	AE310X	—	—	AN10	AW10X	—	0.31	—	—
	—	1 5/8	—	—	—	—	—	—	—	HS310X	—	—	—	AS310X	—	—	—	—	—	0.38	—
	—	—	1 11/16	—	—	—	—	—	—	—	HA310X	—	—	AA310X	—	—	—	—	—	—	0.35
45	—	—	—	—	2.165	0.472	2.756	H2310X	—	—	—	A2310X	—	—	—	AN10	AW10X	0.36	—	—	—
	1 3/4	—	—	—	55	12	70	—	HE2310X	—	—	—	AE2310X	—	—	AN10	AW10X	—	0.37	—	—
	—	1 5/8	—	—	—	—	—	—	—	HS2310X	—	—	—	AS2310X	—	—	—	—	—	0.46	—
	—	—	1 11/16	—	—	—	—	—	—	—	HA2310X	—	—	AA2310X	—	—	—	—	—	—	0.42
50	—	—	—	—	1.772	0.4921	2.953	H311X	—	—	—	A311X	—	—	—	AN11	AW11X	0.35	—	—	—
	2	—	—	—	45	12.5	75	—	HE311X	—	—	—	AE311X	—	—	AN11	AW11X	—	0.33	—	—
	—	1 7/8	—	—	—	—	—	—	—	HS311X	—	—	—	AS311X	—	AN11	AW11X	—	—	0.41	—
	—	—	1 15/16	—	—	—	—	—	—	—	HA311X	—	—	AA311X	—	—	—	—	—	—	0.37
50	—	—	—	—	2.323	0.4921	2.953	H2311X	—	—	—	A2311X	—	—	—	AN11	AW11X	0.42	—	—	—
	2	—	—	—	59	12.5	75	—	HE2311X	—	—	—	AE2311X	—	—	AN11	AW11X	—	0.40	—	—
	—	1 7/8	—	—	—	—	—	—	—	HS2311X	—	—	—	AS2311X	—	AN11	AW11X	—	—	0.50	—
	—	—	1 15/16	—	—	—	—	—	—	—	HA2311X	—	—	AA2311X	—	—	—	—	—	—	0.45
55	—	—	—	—	1.850	0.512	3.150	H312X	—	—	—	A312X	—	—	—	AN12	AW12X	0.43	—	—	—
	—	2 1/8	—	—	47	13	80	—	—	HS312X	—	—	—	AS312X	—	AN12	AW12X	—	—	0.40	—
55	—	—	—	—	2.441	0.512	3.150	H2312X	—	—	—	A2312X	—	—	—	AN12	AW12X	0.48	—	—	—
	—	2 1/8	—	—	62	13	80	—	—	HS2312X	—	—	—	AS2312X	—	AN12	AW12X	—	—	0.52	—

H300X, H2300X
d₁ 60 ~ 125 mm



mm	Shaft Dia. d ₁ inch				Dimensions inch mm			Adapter No.					Sleeve No.				Lock Nut No.	Washer No.	Mass kg			
	(H)	(HE)	(HS)	(HA)	B ₁	B ₂	d ₂	(H)	(HE)	(HS)	(HA)		(H)	(HE)	(HS)	(HA)			(H)	(HE)	(HS)	(HA)
60	—	—	—	—	1.969 50	0.551 14	3.346 85	H313X	—	—	—		A313X	—	—	—	AN13	AW13X	0.46	—	—	—
	2 1/4	—	—	—				—	HE313X	—	—		—	AE313X	—	—	AN13	AW13X	—	0.56	—	—
	—	2 3/8	—	—				—	—	HS313X	—		—	—	AS313X	—	AN13	AW13X	—	—	0.45	—
	—	—	2 3/16	—				—	—	—	HA313X		—	—	—	AA313X	—	—	—	—	—	0.51
60	—	—	—	—	2.559 65	0.551 14	3.346 85	H2313X	—	—	—		A2313X	—	—	—	AN13	AW13X	0.56	—	—	—
	2 1/4	—	—	—				—	HE2313X	—	—		—	AE2313X	—	—	AN13	AW13X	—	0.69	—	—
	—	2 3/8	—	—				—	—	HS2313X	—		—	—	AS2313X	—	AN13	AW13X	—	—	0.55	—
	—	—	2 3/16	—				—	—	—	HA2313X		—	—	—	AA2313X	—	—	—	—	—	0.76
65	—	—	—	—	2.165 55	0.591 15	3.858 98	H315X	—	—	—		A315X	—	—	—	AN15	AW15X	0.83	—	—	—
	2 1/2	—	—	—				—	HE315X	—	—		—	AE315X	—	—	AN15	AW15X	—	0.89	—	—
	—	—	2 7/16	—				—	—	—	HA315X		—	—	—	AA315X	—	—	—	—	—	0.96
	—	2 5/8	—	—				—	—	HS315X	—		—	—	AS315X	—	—	—	—	—	0.71	—
65	—	—	—	—	2.874 73	0.591 15	3.858 98	H2315X	—	—	—		A2315X	—	—	—	AN15	AW15X	1.05	—	—	—
	2 1/2	—	—	—				—	HE2315X	—	—		—	AE2315X	—	—	AN15	AW15X	—	1.15	—	—
	—	—	2 7/16	—				—	—	—	HA2315X		—	—	—	AA2315X	—	—	—	—	—	1.15
	—	2 5/8	—	—				—	—	HS2315X	—		—	—	AS2315X	—	—	—	—	—	0.9	—
70	—	—	—	—	2.323 59	0.669 17	4.134 105	H316X	—	—	—		A316X	—	—	—	AN16	AW16X	1.05	—	—	—
	2 3/4	—	—	—				—	HE316X	—	—		—	AE316X	—	—	AN16	AW16X	—	1.05	—	—
	—	—	2 11/16	—				—	—	—	HA316X		—	—	—	AA316X	—	—	—	—	—	1.13
70	—	—	—	—	3.071 78	0.669 17	4.134 105	H2316X	—	—	—		A2316X	—	—	—	AN16	AW16X	1.3	—	—	—
	2 3/4	—	—	—				—	HE2316X	—	—		—	AE2316X	—	—	AN16	AW16X	—	1.3	—	—
	—	—	2 11/16	—				—	—	—	HA2316X		—	—	—	AA2316X	—	—	—	—	—	1.41
75	—	—	—	—	2.480 63	0.709 18	4.331 110	H317X	—	—	—		A317X	—	—	—	AN17	AW17X	1.2	—	—	—
	3	—	—	—				—	HE317X	—	—		—	AE317X	—	—	AN17	AW17X	—	1.1	—	—
	—	—	2 15/16	—				—	—	—	HA317X		—	—	—	AA317X	—	—	—	—	—	1.22
75	—	—	—	—	3.228 82	0.709 18	4.331 110	H2317X	—	—	—		A2317X	—	—	—	AN17	AW17X	1.45	—	—	—
	3	—	—	—				—	HE2317X	—	—		—	AE2317X	—	—	AN17	AW17X	—	1.35	—	—
	—	—	2 15/16	—				—	—	—	HA2317X		—	—	—	HA2317X	—	—	—	—	—	1.48
80	—	—	—	—	2.559 65	0.709 18	4.724 120	H318X	—	—	—		A318X	—	—	—	AN18	AW18X	1.4	—	—	—
	3 1/4	—	—	—				—	HE318X	—	—		—	AE318X	—	—	—	—	—	1.24	—	—
	—	—	3 3/16	—				—	—	—	HA318X		—	—	—	AA318X	—	—	—	—	—	1.34
80	—	—	—	—	3.386 86	0.709 18	4.724 120	H2318X	—	—	—		A2318X	—	—	—	AN18	AW18X	1.7	—	—	—
	3 1/4	—	—	—				—	HE2318X	—	—		—	AE2318X	—	—	—	—	—	1.49	—	—
	—	—	3 3/16	—				—	—	—	HA2318X		—	—	—	AA2318X	—	—	—	—	—	1.62
85	—	—	—	—	3.543 90	0.748 19	4.921 125	H2319X	—	—	—		A2319X	—	—	—	AN19	AW19X	1.95	—	—	—
	3 1/4	—	—	—				—	HE2319X	—	—		—	AE2319X	—	—	AN19	AW19X	—	2.15	—	—
90	—	—	—	—	3.819 97	0.787 20	5.118 130	H2320X	—	—	—		A2320X	—	—	—	AN20	AW20X	2.2	—	—	—
	3 1/2	—	—	—				—	HE2320X	—	—		—	AE2320X	—	—	AN20	AW20X	—	2.3	—	—
	—	—	3 7/16	—				—	—	—	HA2320X		—	—	—	AA2320X	—	—	—	—	—	2.47
100	—	—	—	—	4.134 105	0.827 21	5.709 145	H2322X	—	—	—		A2322X	—	—	—	AN22	AW22X	2.75	—	—	—
	4	—	—	—				—	HE2322X	—	—		—	AE2322X	—	—	AN22	AW22X	—	2.55	—	—
110	—	—	—	—	4.409 112	0.866 22	6.102 155	H2324	—	—	—		A2324	—	—	—	AN24	AW24	3.2	—	—	—
	4 1/4	—	—	—				—	HE2324	—	—		—	AE2324	—	—	—	—	—	3.5	—	—
	—	—	4 3/16	—				—	—	—	HA2324		—	—	—	AA2324	—	—	—	—	—	3.79
115	—	—	—	—	4.764 121	0.906 23	6.496 165	H2326	—	—	—		A2326	—	—	—	AN26	AW26	4.6	—	—	—
	4 1/2	—	—	—				—	HE2326	—	—		—	AE2326	—	—	AN26	AW26	—	4.7	—	—
	—	—	4 7/16	—				—	—	—	HA2326		—	—	—	AA2326	—	—	—	—	—	4.23
125	—	—	—	—	5.157 131	0.945 24	7.087 180	H2328	—	—	—		A2328	—	—	—	AN28	AW28	5.5	—	—	—
	5	—	—	—				—	HE2328	—	—		—	AE2328	—	—	—	—	—	5.1	—	—
	—	—	4 15/16	—				—	—	—	HA2328		—	—	—	AA2328	—	—	—	—	—	5.42