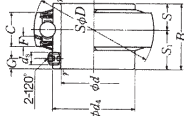


UC2

Ball bearings
Set screw type

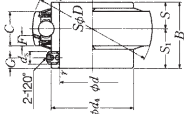


Shaft dia. mm inch	Bearing (°) number	Nominal dimensions										Basic load ratings		Mass		
		d	D	B	C	r	S	S ₁	G	d ₁	F	N lbf dynamic C ₁₀	kg lb static C ₀	kg lb	Mass	
12	UC201D1	12	47	31	17	0.6	12.7	18.3	4.5	M5×0.8	29.6	4.7	12 800	6 650	0.21	
1/2	UC201-008D1	0.5000	1.8504	1.2205	0.6693	0.024	0.500	0.720	0.177	No.10-32UNF	1.1654	0.185	2 890	1 500	0.46	
15	UC202D1	15	47	31	17	0.6	12.7	18.3	4.5	M5×0.8	29.6	4.7	12 800	6 650	0.20	
5/8	UC202-008D1	0.5625	1.8504	1.2205	0.6693	0.024	0.500	0.720	0.177	No.10-32UNF	1.1654	0.185	2 890	1 500	0.42	
3/4	UC202-010D1	0.6250	1.8504	1.2205	0.6693	0.024	0.500	0.720	0.177	No.10-32UNF	1.1654	0.185	2 890	1 500	0.42	
17	UC203D1	17	47	31	17	0.6	12.7	18.3	4.5	M5×0.8	29.6	4.7	12 800	6 650	0.18	
7/8	UC203-011D1	0.6675	1.8504	1.2205	0.6693	0.024	0.500	0.720	0.177	No.10-32UNF	1.1654	0.185	2 890	1 500	0.39	
20	UC204D1	20	47	31	17	1	12.7	18.3	4.5	M5×0.8	29.6	4.7	12 800	6 650	0.17	
3/4	UC204-012D1	0.7500	1.8504	1.2205	0.6693	0.039	0.500	0.720	0.177	No.10-32UNF	1.1654	0.185	2 890	1 500	0.39	
25	UC205D1	25	52	34.1	17	1	14.3	19.8	5	M5×0.8	33.9	4.5	14 000	7 850	0.20	
9/16	UC205-013D1	0.8125														
1 1/8	UC205-014D1	0.8750														
1 1/4	UC205-015D1	0.9375	2.0472	1.3425	0.6693	0.039	0.563	0.780	0.197	No.10-32UNF	1.3346	0.177	3 150	1 770	0.51	
1	UC205-100D1	1.0000														
30	UC206D1	30	62	38.1	19	1	15.9	22.2	5	M6×0.75	40.8	4.6	19 500	11 300	0.32	
1 1/8	UC206-101D1	1.0625														
1 1/4	UC206-102D1	1.1250	2.4409	1.5000	0.7480	0.039	0.626	0.874	0.197	1/2-28UNF	1.6063	0.181	4 400	2 540	0.77	
1 1/2	UC206-103D1	1.1875														
1 3/4	UC206-104D1	1.2500														
35	UC207D1	35	72	42.9	20	1.5	17.5	25.4	6	M6×0.75	46.8	4.6	25 700	15 300	0.46	
1 3/4	UC207-104D1	1.2500														
1 1/2	UC207-105D1	1.3125	2.8346	1.6890	0.7874	0.059	0.689	1.000	0.236	1/2-28UNF	1.8425	0.181	5 750	3 450	1.15	
1 1/4	UC207-106D1	1.3750														
1 1/8	UC207-107D1	1.4375														
40	UC208D1	40	80	49.2	21	1.5	19	30.2	8	M8×1	53	4.5	29 100	17 800	0.64	
1 1/2	UC208-108D1	1.5000	3.1496	1.9370	0.8268	0.059	0.748	1.189	0.315	3/8-24UNF	2.0866	0.177	6 550	4 000	1.52	
1 3/8	UC208-109D1	1.5625														
45	UC209D1	45	85	49.2	22	1.5	19	30.2	8	M8×1	57.5	4.9	32 500	20 400	0.68	
1 3/8	UC209-110D1	1.6250	3.3465	1.9370	0.8681	0.059	0.748	1.189	0.315	3/8-24UNF	2.2638	0.193	7 350	4 600	1.76	
1 1/2	UC209-111D1	1.6875														
1 3/4	UC209-112D1	1.7500														

Note (°) These numbers indicate replaceable type. If maintenance free type is needed, please order without suffix "D1".

UC2

Ball bearings
Set screw type

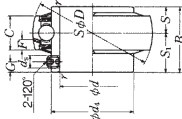


Shaft dia. mm Inch	Bearing (1) number	Nominal dimensions									
		d	D	B	C	r mm.	S	S ₁	G	d ₄	F
50	UC210D1	50	90	51.6	24	1.5	19	32.6	9	M8×1	62.4 5.9
	1 ³¹ / ₁₆ UC210-113D1	1.8125									
	1 ¹³ / ₁₆ UC210-114D1	1.8750	3.5433	2.0315	0.9449	0.059	0.748	1.283	0.354	3/8-24UNF	2.4567 0.232
	1 ¹ / ₈ UC210-115D1	1.9375									
	2 UC210-200D1	2.0000									
55	UC211D1	55	100	55.6	25	2	22.2	33.4	9	M8×1	69 6.0
	2 UC211-200D1	2.0000									
	2 ¹ / ₁₆ UC211-201D1	2.0625	3.9370	2.1890	0.9843	0.079	0.874	1.315	0.354	3/8-24UNF	2.7165 0.236
	2 ¹ / ₈ UC211-202D1	2.1250									
	2 ¹ / ₁₆ UC211-203D1	2.1875									
60	UC212D1	60	110	65.1	27	2	25.4	38.7	10	M10×1.25	77 6.2
	2 UC212-204D1	2.2500									
	2 ¹ / ₁₆ UC212-205D1	2.3125	4.3307	2.5630	1.0630	0.079	1.000	1.563	0.394	3/8-24UNF	3.0315 0.244
	2 ¹ / ₈ UC212-206D1	2.3750									
	2 ¹ / ₁₆ UC212-207D1	2.4375									
65	UC213D1	65	120	65.1	32	2	25.4	38.7	10	M10×1.25	82.5 8.7
	2 UC213-208D1	2.5000	4.7244	2.5630	1.2588	0.079	1.000	1.563	0.394	3/8-24UNF	3.2480 0.343
	2 ¹ / ₁₆ UC213-209D1	2.5625									
	70 UC214D1	70	125	74.6	33	2	30.2	44.4	12	M10×1.25	87 8.8
	2 ¹ / ₈ UC214-210D1	2.6250									
70	UC214-211D1	2.6875	4.8213	2.9370	1.2992	0.079	1.189	1.748	0.472	3/8-24UNF	3.4252 0.346
	2 ¹ / ₁₆ UC214-212D1	2.7500									
	75 UC215D1	75	130	77.8	34	2	33.3	44.5	12	M10×1.25	93 9.0
	2 ¹ / ₁₆ UC215-213D1	2.8125									
	2 ¹ / ₈ UC215-214D1	2.8750	5.1181	3.0630	1.3386	0.079	1.311	1.732	0.472	3/8-24UNF	3.6614 0.354
75	UC215-215D1	2.9375									
	3 UC215-300D1	3.0000									
	80 UC216D1	80	140	82.6	35	2.5	33.3	49.3	12	M10×1.25	98.1 9.5
	3 ¹ / ₁₆ UC216-301D1	3.0625									
	3 ¹ / ₈ UC216-302D1	3.1250	5.5118	3.2520	1.3780	0.098	1.311	1.941	0.472	3/8-24UNF	3.8622 0.374
3 ¹ / ₁₆	UC216-303D1	3.1875									

Note (1) These numbers indicate calculable type. If maintenance free type is needed, please order without suffix "D1".

UC2

Ball bearings
Set screw type



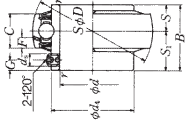
Shaft dia. mm Inch	Bearing (1) number	Nominal dimensions							d _s	d _e	F
		d	D	B	C	r	S	S ₁			
85	UC217D1	85	150	85.7	36	2.5	34.1	51.6	12	M12×1.5	106.4 10.1
3 1/4	UC217-304D1	3.2500									
3 3/16	UC217-305D1	3.3125	5.9055	3.3740	1.4173	0.098	1.343	2.031	0.472	1/2-20UNF	4.1890 0.398
3 3/16	UC217-307D1	3.4375									
90	UC218D1	90	160	96	37	2.5	39.7	56.3	12	M12×1.5	111.6 9.8
3 1/2	UC218-308D1	3.5000	6.2992	3.7795	1.4567	0.098	1.563	2.217	0.472	1/2-20UNF	4.3937 0.366

Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

Basic load ratings		Mass	
dynamic C _r	N lbf	static C _{0r}	kg lb
83 500	64 000	3.54	7.92
18 700	14 300	7.60	6.97
96 000	71 500	4.40	9.88
21 600	16 100		

UC3

Ball bearings
Set screw type



Shaft dia. mm Inch	Bearing (°) number	Nominal dimensions									
		d	D	B	C	r	S	S ₁	G	d ₁	F
25	UC305D1	25	62	38	20	1.5	15	23	6	M6×0.75	38.8 5.0
1 ¹ / ₈	UC305-013D1	0.8125									
1 ⁷ / ₁₆	UC305-014D1	0.8750									
1 ⁹ / ₁₆	UC305-015D1	0.9375	2.4409	1.4861	0.7874	0.059	0.591	0.906	0.236	1/2-28UNF	1.4488 0.197
1	UC305-100D1	1.0000									
30	UC306D1	30	72	43	23	1.5	17	26	6	M6×0.75	44.9 5.9
1 ¹ / ₈	UC306-101D1	1.0625									
1 ¹ / ₈	UC306-102D1	1.1250	2.8346	1.6929	0.9055	0.059	0.669	1.024	0.236	1/2-28UNF	1.7677 0.232
1 ³ / ₈	UC306-103D1	1.1875									
35	UC307D1	35	80	48	25	2	19	29	8	M8×1	49.4 6.8
1 ¹ / ₄	UC307-104D1	1.2500									
1 ¹ / ₈	UC307-105D1	1.3125	3.1496	1.8898	0.9843	0.079	0.748	1.142	0.315	5/8-24UNF	1.9449 0.268
1 ⁹ / ₁₆	UC307-106D1	1.3750									
1 ⁷ / ₈	UC307-107D1	1.4375									
40	UC308D1	40	90	52	27	2	19	33	10	M10×1.25	56 7.4
1 ¹ / ₂	UC308-108D1	1.5000	3.5433	2.0472	1.0630	0.079	0.748	1.299	0.394	3/4-24UNF	2.2047 0.291
1 ⁵ / ₈	UC308-109D1	1.5625									
45	UC309D1	45	100	57	29	2	22	35	10	M10×1.25	63.5 7.4
1 ⁹ / ₁₆	UC309-110D1	1.6250									
1 ¹ / ₈	UC309-111D1	1.6875	3.9370	2.2441	1.1417	0.079	0.866	1.378	0.394	3/4-24UNF	2.5000 0.291
1 ⁷ / ₈	UC309-112D1	1.7500									
50	UC310D1	50	110	61	32	2.5	22	39	12	M12×1.5	70.6 8.1
1 ³ / ₈	UC310-113D1	1.8125									
1 ¹ / ₈	UC310-114D1	1.8750	4.3307	2.4016	1.2598	0.098	0.866	1.535	0.472	1/2-20UNF	2.7795 0.319
1 ⁵ / ₈	UC310-115D1	1.9375									

Note (°) These numbers indicate lubricatable type. If maintenance free type is needed, please order without suffix "D1".

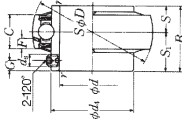
1. *What is the purpose of this study?*

Note (*) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

B321

UC3

Ball bearings
Set screw type



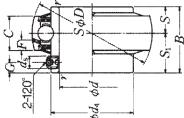
Shaft dia. mm Inch	Bearing (1) number	Nominal dimensions									
		d	D	B	C	r	S	S ₁	G	d _s	F
85	UC317D1	85	180	96	47	3	40	56	16	M16×1.5	114.4 12.0
3 1/4	UC317-304D1	3.2500									
3 3/16	UC317-305D1	3.3125	7.0866	3.7795	1.8504	0.118	1.575	2.205	0.630	5/8"18UNF	4.5039 0.472
3 3/16	UC317-307D1	3.4375									
90	UC318D1	90	190	96	49	3	40	56	16	M16×1.5	120.9 12.3
3 1/2	UC318-307D1	3.4375									
3 3/8	UC318-308D1	3.5000	7.4803	3.7795	1.9291	0.118	1.575	2.205	0.630	5/8"18UNF	4.7598 0.484
95	UC319D1	95	200	103	51	3	41	62	16	M16×1.5	127.5 12.8
3 3/8	UC319-310D1	3.6250									
3 3/16	UC319-311D1	3.6875	7.8740	4.0551	2.0079	0.118	1.614	2.441	0.630	5/8"18UNF	5.0197 0.504
3 3/4	UC319-312D1	3.7500									
100	UC320D1	100	215	108	55	3	42	66	18	M18×1.5	135.6 13.5
3 3/8	UC320-313D1	3.8125									
3 3/8	UC320-314D1	3.8750	8.4646	4.2520	2.1654	0.118	1.654	2.598	0.709	5/8"18UNF	5.3386 0.531
3 3/16	UC320-315D1	3.9375									
4	UC320-400D1	4.0000									
105	UC321D1	105	225	112	57	3	44	68	18	M18×1.5	142.1 13.9
110	UC322D1	110	240	117	59	3	46	71	18	M18×1.5	151.7 13.9
120	UC324D1	120	260	126	63	3	51	75	18	M18×1.5	165.2 16.0
130	UC326D1	130	280	135	67	4	54	81	20	M20×1.5	178.3 16.9
140	UC328D1	140	300	145	71	4	59	86	20	M20×1.5	190.4 17.7

Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

Basic load ratings		Mass	
dynamic C_r	static C_{10}	N lbf	kg lb
133 000	97 000	6.70	
29 800	21 800	15.2	
		14.9	
		14.2	
143 000	107 000	7.60	
32 000	24 100	17.3	
		16.9	
153 000	119 000	8.70	
34 500	26 600	19.9	
		19.5	
		19.1	
173 000	141 000	10.8	
		24.7	
39 000	31 500	24.2	
		23.8	
		23.4	
184 000	153 000	12.2	
205 000	179 000	14.3	
207 000	185 000	18.5	
229 000	214 000	23.0	
233 000	246 000	26.5	

UCX

Ball bearings
Set screw type

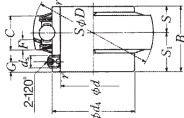


Shaft dia. mm Inch	Bearing (°) number	Nominal dimensions									
		d	D	B	C	r	S	S ₁	G	d ₄	F
25 1 1/8 3/8 1	UCX05D1	25	62	38.1	19	1	15.9	22.2	5	M6×.075	40.8 4.6
	UCX05-013D1	0.8125									
	UCX05-014D1	0.8750	2.4409	1.5000	0.7480	0.039	0.626	0.874	0.197	3/8-28UNF	1.6063 0.181
	UCX05-015D1	0.9375									
	UCX05-100D1	1.0000									
30 1 1/8 1 1/8 1 1/8	UCX06D1	30	72	42.9	20	1	17.5	25.4	6	M8×1	46.8 4.6
	UCX06-101D1	1.0625									
	UCX06-102D1	1.1250	2.8346	1.6890	0.7574	0.039	0.689	1.000	0.236	3/8-24UNF	1.8425 0.181
	UCX06-103D1	1.1875									
	UCX07D1	1.3125									
35 1 3/8 1 3/8 1 3/8	UCX07-105D1	1.3125									
	UCX07-106D1	1.3750	3.1496	1.9370	0.8268	0.059	0.748	1.189	0.315	3/8-24UNF	2.0866 0.177
	UCX07-107D1	1.4375									
	UCX08D1	1.5000									
	UCX08-108D1	1.5625									
40 1 1/2 1 1/2 1 1/2	UCX09-110D1	1.6250									
	UCX09-111D1	1.6875	3.5433	2.0515	0.9449	0.059	0.748	1.283	0.354	3/8-24UNF	2.4557 0.232
	UCX09-112D1	1.7500									
	UCX10D1	1.8750									
	UCX10-114D1	1.9375									
50 1 3/8 1 3/8 1 3/8	UCX10D1	50	100	55.6	25	1.5	22.2	33.4	9	M10×1.25	69 6.0
	UCX10-115D1	1.8750	3.9370	2.1890	0.9843	0.059	0.874	1.315	0.354	3/8-24UNF	2.7165 0.236
	UCX11D1	2.0625									
	UCX11-201D1	2.1250	4.3307	2.5630	1.0630	0.079	1.000	1.563	0.394	3/8-24UNF	3.0315 0.244
	UCX11-203D1	2.1875									
60 2 1/8 2 1/8 2 1/8	UCX12D1	60	120	65.1	32	2	25.4	39.7	10	M10×1.25	82.5 8.7
	UCX12-206D1	2.3750	4.7244	2.5630	1.2598	0.079	1.000	1.563	0.394	3/8-24UNF	3.2480 0.343
	UCX12-207D1	2.4375									
	UCX12-208D1	2.5000									
	UCX12-209D1	2.5625									

Note (°) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

UCX

Ball bearings
Set screw type

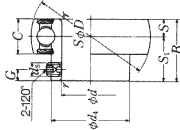


Shaft dia. mm Inch	Bearing (°) number	Nominal dimensions									
		d	D	B	C	r	S	S ₁	G	d ₄	F
65 2 1/2 2 5/16	UCX13D1	65	125	74.6	33	2	30.2	44.4	12	M12×1.5	87 8.8
	UCX13-208D1	2.5000	4.9213	2.9370	1.2982	0.079	1.189	1.748	0.472	1/2-20UNF	3.4252 0.346
	UCX13-209D1	2.5625									
70 2 3/8 2 7/8	UCX14D1	70	130	77.8	34	2	33.3	44.5	12	M12×1.5	93 9.0
	UCX14-210D1	2.6250									
	UCX14-211D1	2.6875	5.1181	3.0630	1.3386	0.079	1.311	1.752	0.472	1/2-20UNF	3.6614 0.354
75 2 3/4 2 7/8	UCX14-212D1	2.7500									
	UCX15D1	75	140	82.6	35	2	33.3	49.3	12	M12×1.5	98.1 9.5
	UCX15-213D1	2.8125									
80 2 3/4 2 7/8	UCX15-214D1	2.8750	5.5118	3.2520	1.3780	0.079	1.311	1.941	0.472	1/2-20UNF	3.8622 0.374
	UCX15-215D1	2.9375									
	UCX15-300D1	3.0000									
85 3 1/8 3 1/16	UCX16D1	80	150	85.7	36	2.5	34.1	51.6	12	M12×1.5	106.4 10.1
	UCX16-301D1	3.0625									
	UCX16-302D1	3.1250	5.9055	3.3740	1.4173	0.098	1.343	2.031	0.472	1/2-20UNF	4.1890 0.398
85 3 1/8 3 1/16	UCX16-303D1	3.1875									
	UCX17D1	85	160	96	37	2.5	39.7	56.3	12	M12×1.5	111.6 9.8
	UCX17-305D1	3.3125	6.2992	3.7795	1.4567	0.098	1.563	2.217	0.472	1/2-20UNF	4.3937 0.386
90 3 1/4 3 1/2	UCX17-307D1	3.4375									
	UCX18D1	90	170	104	39	2.5	42.9	61.1	14	M14×1.5	118.2 10.5
	UCX18-307D1	3.4375	6.8929	4.0945	1.5354	0.098	1.689	2.406	0.551	3/8-18UNF	4.6535 0.413
100 3 5/8 3 3/4	UCX18-308D1	3.5000									
	UCX30D1	100	190	117.5	44	2.5	49.2	68.3	16	M16×1.5	131.3 11.3
	UCX20-313D1	3.8125									
100 3 5/8 3 3/4	UCX20-314D1	3.8750	7.4803	4.6260	1.7323	0.098	1.937	2.689	0.630	3/8-18UNF	5.1693 0.445
	UCX20-315D1	3.9375									
	UCX20-400D1	4.0000									

Note (°) These numbers indicate calculable type. If maintenance free type is needed, please order without suffix "D1".

AS2

Ball bearings
Set screw type

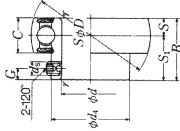


Shaft dia. mm inch	Bearing (°) number	Nominal dimensions										Basic load ratings			
		d	D	B	C	r	S	S ₁	G	d ₄	d ₅	N lbf dynamic C _r	static C _{0r}	kg lb	Mass
12	AS201	12	40	22	12	0.6	6	16	4.2	M5×0.8	24.3	9 600	4 600	0.10	0.10
1/2	AS201-008	0.5000	1.5748	0.8661	0.4724	0.024	0.236	0.630	0.165	No.10-32UNF	0.957	2 160	1 030	0.22	0.22
15	AS202	15	40	22	12	0.6	6	16	4.2	M5×0.8	24.3	9 600	4 600	0.09	0.09
5/8	AS202-009	0.5625	1.5748	0.8661	0.4724	0.024	0.236	0.630	0.165	No.10-32UNF	0.957	2 160	1 030	0.20	0.20
3/4	AS202-010	0.6250	1.5748	0.8661	0.4724	0.024	0.236	0.630	0.165	No.10-32UNF	0.957	2 160	1 030	0.20	0.20
17	AS203	17	40	22	12	0.6	6	16	4.2	M5×0.8	24.3	9 600	4 600	0.08	0.08
7/8	AS203-011	0.6675	1.5748	0.8661	0.4724	0.024	0.236	0.630	0.165	No.10-32UNF	0.957	2 160	1 030	0.18	0.18
20	AS204	20	47	25	14	1	7	18	4.2	M5×0.8	29.6	12 800	6 650	0.13	0.13
3/4	AS204-012	0.7500	1.6504	0.9843	0.5512	0.039	0.276	0.709	0.165	No.10-32UNF	1.165	2 880	1 500	0.28	0.28
25	AS205	25	52	27	15	1	7.5	19.5	5	M5×0.8	33.9	14 000	7 850	0.16	0.16
9/16	AS205-013	0.8125												0.42	0.42
7/8	AS205-014	0.8750												0.40	0.40
9/8	AS205-015	0.9375	2.0472	1.0630	0.5906	0.039	0.295	0.788	0.197	No.10-32UNF	1.335	3 150	1 770	0.38	0.38
1	AS205-100	1.0000												0.35	0.35
30	AS206	30	62	29	16	1	8	21	5	M6×0.75	40.8	19 500	11 300	0.25	0.25
1 1/16	AS206-101	1.0625												0.61	0.61
1 1/8	AS206-102	1.1250												0.59	0.59
1 1/4	AS206-103	1.1875	2.4409	1.1417	0.6289	0.039	0.315	0.827	0.197	1/2-28UNF	1.606	4 400	2 540	0.57	0.57
1 1/2	AS206-104	1.2500												0.55	0.55
35	AS207	35	72	34	17	1.5	8.5	25.5	6	M6×0.75	46.8	25 700	15 300	0.38	0.38
1 1/4	AS207-104	1.2500												1.06	1.06
1 1/8	AS207-105	1.3125												0.93	0.93
1 1/4	AS207-106	1.3750	2.8346	1.3386	0.6683	0.059	0.335	1.004	0.236	1/2-28UNF	1.843	5 750	3 450	0.81	0.81
1 1/2	AS207-107	1.4375												0.69	0.69
40	AS208	40	80	38	18	1.5	9	29	8	M8×1	53	29 100	17 800	0.51	0.51
1 1/2	AS208-108	1.5000	3.1496	1.4961	0.7087	0.059	0.354	1.142	0.315	5/16-24UNF	2.087	6 550	4 000	1.15	1.15
1 1/8	AS208-109	1.5625												1.06	1.06

Note (°) If italicizable type is needed, please order with suffix "D1".

AS2

Ball bearings
Set screw type



Shaft dia.		Bearing (1) number	Nominal dimensions									
mm	inch		d	D	B	C	r	S	S ₁	G	d ₄	d ₄ s
			mm, min.									
45		AS209	45	65	40	19	1.5	9.5	30.5	8	M8×1	57.5
1 1/8		AS209-110	1.6250									
1 7/16		AS209-111	1.6875	3.3465	1.5748	0.7480	0.059	0.374	1.201	0.315	5/16-24UNF	2.2638
1 3/4		AS209-112	1.7500									
50		AS210	50	90	42	20	1.5	10	32	9	M8×1	62.4
1 13/16		AS210-113	1.8125									
1 7/8		AS210-114	1.8750	3.5433	1.6535	0.7874	0.059	0.394	1.260	0.354	5/16-24UNF	2.4567
1 15/16		AS210-115	1.9375									
2		AS210-200	2.0000									

Note (1) If lubricatable type is needed, please order with "D1".

Basic load ratings		Mass	
dynamic C_r	static C_{0r}	N lbf	kg lb
32 500	20 400	0.55	1.39
7 350	4 600	1.32	1.23
35 000	23 200	0.65	1.65
7 900	5 200	1.57	1.46
		1.39	

B330

B331

AR2

Ball bearings Set screw type

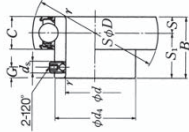


Basic load ratings		Mass	
N	static	kg	lb
C_r	C_{rw}		
9 600	4 600	0.11	
2 160	1 030	0.24	
9 600	4 600	0.10	
		0.23	
2 160	1 030	0.22	
9 600	4 600	0.09	
2 160	1 030	0.20	
12 600	6 650	0.14	
2 880	1 500	0.31	
14 400	7 860	0.17	
		0.44	
		0.42	
		0.40	
		0.37	
19 500	11 900	0.26	
		0.63	
		0.61	
4 400	2 540	0.59	
		0.57	
25 700	15 300	0.39	
		1.10	
5 750	3 450	0.97	
		0.85	
		0.73	
29 100	17 800	0.54	
		1.24	
6 550	4 000	1.15	

B332

AR2

Ball bearings
Set screw type



Shaft dia. mm Inch	Bearing (°) number	Nominal dimensions							d ₄	d ₅	d ₄
		d	D	B	C	r mm.	S mm.	S ₁	G		
45	AR209	45	85	41.5	22	1.5	11	30.5	8	M8x1	57.5
1 ⁵ / ₈	AR209-110	1.6250									
1 ¹¹ / ₁₆	AR209-111	1.6875	3.3465	1.6339	0.8661	0.059	0.433	1.201	0.315	⁵ / ₁₆ -24UNF	2.2638
1 ³ / ₄	AR209-112	1.7500									
50	AR210	80	90	43	22	1.5	11	32	9	M8x1	62.4
1 ¹⁵ / ₁₆	AR210-113	1.8125									
1 ⁷ / ₈	AR210-114	1.8750									
1 ¹⁵ / ₁₆	AR210-115	1.9375	3.5433	1.6929	0.8661	0.059	0.433	1.260	0.354	⁵ / ₁₆ -24UNF	2.4567
2	AR210-200	2.0000									

Note (°) If lubricatable type is needed, please order with "D1".

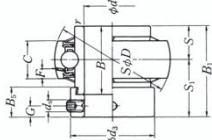
Basic load ratings		Mass	
dynamic C _r	N lbf	static C _{0r}	kg lb
32 500	20 400	0.61	1.34
7 350	4 600	1.46	1.39
35 000	23 200	0.70	1.76
7 900	5 200	1.68	1.59
		1.50	

B334

B335

UEL2

Ball bearings
Eccentric locking collar type

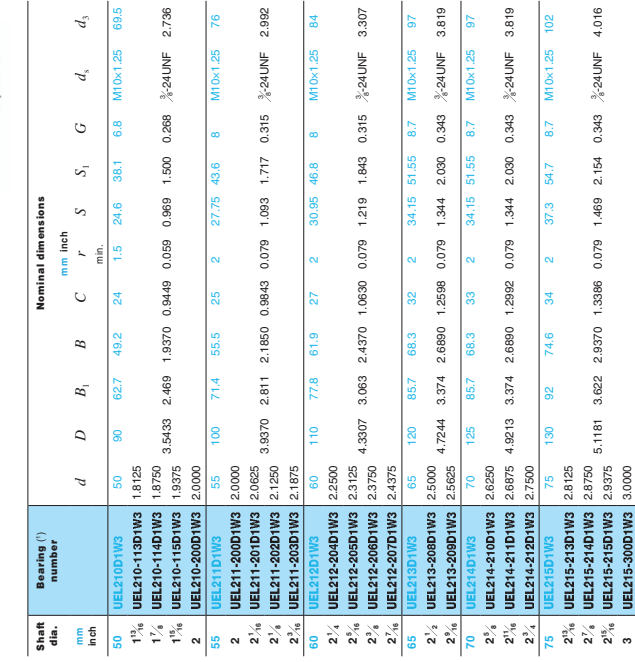


Shaft dia. mm inch	Bearing (°) number	Nominal dimensions									
		d	D	B ₁	B	C	r	S	S ₁	G	d _s
20	UEL204-01W3	20	47	43.7	34.2	17	1	17.1	26.6	4.8	M5x0.75 33
20	UEL204-012D1W3	0.7500	1.8504	1.720	1.3465	0.6693	0.039	0.673	1.047	0.189	3/8-28UNF 1.299
25	UEL205-01W3	25	52	44.4	34.9	17	1	17.45	26.9	4.8	M6x0.75 38
25	UEL205-013D1W3	0.8125									
25	UEL205-014D1W3	0.8750									
25	UEL205-015D1W3	0.9375									
25	UEL205-016D1W3	1.0000									
30	UEL206-01W3	30	62	48.4	36.5	19	1	18.25	30.1	6	M6x1 44.5
30	UEL206-011D1W3	1.0625									
30	UEL206-012D1W3	1.1250									
30	UEL206-013D1W3	1.1875									
30	UEL206-014D1W3	1.2500									
35	UEL207-01W3	35	72	51.1	37.6	20	1.5	18.8	32.3	6.8	M10x1.25 55.5
35	UEL207-014D1W3	1.2500									
35	UEL207-015D1W3	1.3125									
35	UEL207-016D1W3	1.3750									
35	UEL207-017D1W3	1.4375									
40	UEL208-01W3	40	80	56.3	42.8	21	1.5	21.4	34.9	6.8	M10x1.25 60
40	UEL208-011D1W3	1.5000									
40	UEL208-012D1W3	1.5625									
40	UEL208-013D1W3	1.6250									
40	UEL208-014D1W3	1.6875									
40	UEL208-015D1W3	1.7500									
45	UEL209-01W3	45	85	56.3	42.8	22	1.5	21.4	34.9	6.8	M10x1.25 63.5
45	UEL209-011D1W3	1.6250									
45	UEL209-012D1W3	1.6875									
45	UEL209-013D1W3	1.7500									

Note (°) These numbers indicate rebracketable type. If maintenance free type is needed, please order without suffix "D1".

Nominal diameters mm inch	B ₅	F	Basic load ratings		Mass kg lb
			dynamic C _r	static C _{0r}	
13.5	4.7	12 800	6 650	0.23	0.51
0.531	0.185	2 890	1 500	0.45	1.08
13.5	4.5	14 000	7 850	0.27	0.61
0.531	0.177	3 150	1 770	0.55	1.22
15.9	4.6	19 500	11 300	0.45	1.00
0.626	0.181	4 400	2 540	0.84	1.85
17.5	4.6	25 700	15 300	0.60	1.33
0.689	0.181	5 750	3 450	1.35	2.98
18.3	4.5	29 100	17 800	0.78	1.71
0.720	0.177	6 550	4 000	1.82	4.01
18.3	4.9	32 500	20 400	0.80	1.77
0.720	0.193	7 350	4 600	2.05	4.52

100

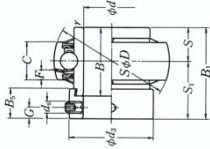


Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

B3339

UEL3

Ball bearings
Eccentric locking collar type

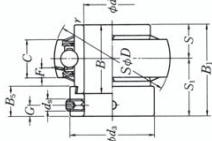


Shaft dia. mm inch	Bearing (°) number	Nominal dimensions									
		d	D	B ₁	B	C	r	S	S ₁	G	d _s
25	UEL305D1W3	25	62	46.8	34.9	20	1.5	16.7	30.1	6	M8x1
1 ¹ / ₈	UEL305-013D1W3	0.6125									42.8
7 ¹ / ₈	UEL305-014D1W3	0.8750									
1 ¹ / ₂	UEL305-015D1W3	0.9375	2.4409	1.843	1.3740	0.7874	0.059	0.657	1.185	0.236	3 ¹ / ₈ 24UNF
1	UEL305-10D1W3	1.0000									1.685
30	UEL306D1W3	30	72	50	36.5	23	1.5	17.5	32.5	6.7	M8x1
1 ¹ / ₈	UEL306-101D1W3	1.0625									50
1 ¹ / ₂	UEL306-102D1W3	1.1250	2.8346	1.969	1.4370	0.9055	0.059	0.689	1.280	0.264	3 ¹ / ₈ 24UNF
1 ³ / ₈	UEL306-103D1W3	1.1875									1.969
35	UEL307D1W3	35	80	51.6	38.1	25	2	18.3	33.3	6.7	M8x1
1 ¹ / ₄	UEL307-104D1W3	1.2500									55
1 ³ / ₈	UEL307-105D1W3	1.3125	3.1486	2.031	1.5000	0.9843	0.079	0.720	1.311	0.264	3 ¹ / ₈ 24UNF
1 ¹ / ₂	UEL307-106D1W3	1.3750									2.165
1 ⁷ / ₈	UEL307-107D1W3	1.4375									
40	UEL308D1W3	40	90	57.1	41.3	27	2	19.8	37.3	8	M10x1.25
1 ¹ / ₂	UEL308-108D1W3	1.5000	3.5433	2.248	1.6260	1.0630	0.079	0.780	1.469	0.315	3 ¹ / ₈ 24UNF
1 ³ / ₈	UEL308-109D1W3	1.5625									2.500
45	UEL309D1W3	45	100	58.7	42.9	29	2	19.8	38.9	8	M10x1.25
1 ¹ / ₈	UEL309-110D1W3	1.6250									70
1 ¹ / ₂	UEL309-111D1W3	1.6875	3.9370	2.311	1.6890	1.1417	0.079	0.760	1.531	0.315	3 ¹ / ₈ 24UNF
1 ³ / ₈	UEL309-112D1W3	1.7500									2.756
50	UEL310D1W3	50	110	66.6	49.2	32	2.5	24.6	42	8.7	M10x1.25
1 ¹ / ₈	UEL310-113D1W3	1.8125									76.2
1 ³ / ₈	UEL310-114D1W3	1.8750	4.3307	2.622	1.9370	1.2598	0.098	0.969	1.654	0.343	3 ¹ / ₈ 24UNF
1 ¹ / ₂	UEL310-115D1W3	1.9375									3.000

Note (°) These numbers indicate lubricatable type. If maintenance free type is needed, please order without suffix "D1".

UEL3

Ball bearings
Eccentric locking collar type

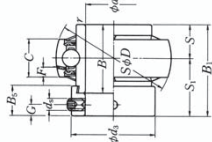


Shaft dia. mm inch	Bearing (°) number	Nominal dimensions										
		d	D	B ₁	B	C	r	S	S ₁	G	d _s	
55	UEL31D1W3	55	120	73	55.6	34	2.5	27.8	45.2	8.7	M10x1.25	83
2	UEL311-200D1W3	2,000										
2 1/16	UEL311-201D1W3	2,0625										
2 1/8	UEL311-202D1W3	2,1250	4,7244	2,874	2,1890	1,3386	0,098	1,094	1,780	0,343	3/8-24UNF	3,268
2 1/8	UEL311-203D1W3	2,1875										
60	UEL312D1W3	60	130	79.4	61.9	36	2.5	30.95	48.45	8.7	M10x1.25	89
2 1/4	UEL312-204D1W3	2,2500										
2 3/16	UEL312-205D1W3	2,3125										
2 3/8	UEL312-206D1W3	2,3750	5,1181	3,126	2,4370	1,1473	0,098	1,219	1,907	0,343	3/8-24UNF	3,504
2 3/8	UEL312-207D1W3	2,4375										
65	UEL313D1W3	65	140	85.7	65.1	39	2.5	32.55	53.15	10.3	M12x1.5	97
2 1/2	UEL313-208D1W3	2,5000	5,5118	3,374	2,5630	1,5364	0,098	1,281	2,083	0,406	1/2-20UNF	3,819
2 3/8	UEL313-209D1W3	2,5625										
70	UEL314D1W3	70	150	92.1	68.3	41	2.5	34.15	57.95	10.3	M12x1.5	102
2 3/8	UEL314-210D1W3	2,6250										
2 3/8	UEL314-211D1W3	2,6875	5,5055	3,626	2,6890	1,6142	0,098	1,344	2,281	0,406	1/2-20UNF	4,016
2 3/4	UEL314-212D1W3	2,7500										
75	UEL315D1W3	75	160	100	74.6	43	2.5	37.3	62.7	12.7	M16x1.5	113
2 3/8	UEL315-213D1W3	2,8125										
2 3/8	UEL315-214D1W3	2,8750	6,2982	3,937	2,9370	1,6929	0,098	1,469	2,469	0,500	3/8-18UNF	4,449
2 3/8	UEL315-215D1W3	2,9375										
3	UEL315-300D1W3	3,0000										
80	UEL316D1W3	80	170	106.4	81	45	2.5	40.5	65.9	12.7	M16x1.5	119
3 1/16	UEL316-301D1W3	3,0625										
3 1/8	UEL316-302D1W3	3,1250	6,8829	4,189	3,1890	1,7717	0,098	1,594	2,594	0,500	3/8-18UNF	4,685
3 3/16	UEL316-303D1W3	3,1875										

Note (°) These numbers indicate replaceable type. If maintenance free type is needed, please order without suffix "D1".

UEL3

Ball bearings
Eccentric locking collar type

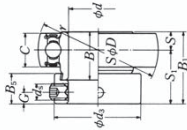


Shaft dia. mm Inch	Bearing (°) number	Nominal dimensions									
		d	D	B ₁	B	C	r	S	S ₁	G	d ₅
85	UEL317D1W3	85	180	109.5	84.1	47	3	42.05	67.45	12.7	M16x1.5
3 1/4	UEL317-304D1W3	3.2500									127
3 3/16	UEL317-305D1W3	3.3125	7.0866	4.311	3.3110	1.8504	0.118	1.656	2.656	0.500	3/8"18UNF
3 7/16	UEL317-307D1W3	3.4375									5.000
90	UEL318D1W3	90	190	115.9	87.3	49	3	43.65	72.25	14.3	M20x1.5
3 7/16	UEL318-307D1W3	3.4375	7.4803	4.563	3.4370	1.9291	0.118	1.719	2.844	0.563	3/8"16UNF
3 1/2	UEL318-308D1W3	3.5000									5.236
95	UEL319D1W3	95	200	122.3	93.7	51	3	38.9	63.4	14.3	M20x1.5
3 3/8	UEL319-310D1W3	3.6250									140
3 3/16	UEL319-311D1W3	3.6875	7.8740	4.815	3.6890	2.0079	0.118	1.531	3.283	0.563	3/8"16UNF
3 1/4	UEL319-312D1W3	3.7500									5.512
100	UEL320D1W3	100	215	128.6	100	55	3	50	78.6	14.3	M20x1.5
3 3/8	UEL320-313D1W3	3.8125									146
3 3/16	UEL320-314D1W3	3.8750	8.4646	5.083	3.9370	2.1654	0.118	1.969	3.094	0.563	3/8"16UNF
3 3/8	UEL320-315D1W3	3.9375									5.748
4	UEL320-400D1W3	4.0000									
105	UEL321D1W3	105	225	139.7	104.8	57	3	48.4	81.3	17.5	M20x1.5
110	UEL322D1W3	110	240	141.3	106.4	59	3	49.2	92.1	17.5	M20x1.5

Note (°) These numbers indicate lubricatable type. If maintenance free type is needed, please order without suffix "D1".

AEL2

Ball bearings
Eccentric locking collar type



Shaft dia. mm inch	Bearing (1) number	Nominal dimensions									
		d	D	B ₁	B	C	r	S	S ₁	G	d ₅
12	AEL201W3	12	40	28.6	19	12	0.6	6.5	22.1	4.8	M6x0.75 29
1/2	AEL201-008W3	0.5000	1.5748	1.126	0.7480	0.4724	0.024	0.256	0.870	0.189	1/2-28UNF 1.142
15	AEL202W3	15	40	28.6	19	12	0.6	6.5	22.1	4.8	M6x0.75 29
9/16	AEL202-008W3	0.5625	1.5748	1.126	0.7480	0.4724	0.024	0.256	0.870	0.189	1/2-28UNF 1.142
5/8	AEL202-010W3	0.6250									
17	AEL203W3	17	40	28.6	19	12	0.6	6.5	22.1	4.8	M6x0.75 29
1 1/16	AEL203-011W3	0.6875	1.5748	1.126	0.7480	0.4724	0.024	0.256	0.870	0.189	1/2-28UNF 1.142
20	AEL204W3	20	47	31	21.5	14	1	7.5	23.5	4.8	M6x0.75 33
3/4	AEL204-012W3	0.7500	1.8504	1.220	0.8465	0.5512	0.039	0.295	0.925	0.189	1/2-28UNF 1.299
25	AEL205W3	25	52	31	21.5	15	1	7.5	23.5	4.8	M6x0.75 38
1 3/8	AEL205-013W3	0.8125									
7/8	AEL205-014W3	0.8750									
1 1/8	AEL205-015W3	0.9375	2.0472	1.220	0.8465	0.5906	0.039	0.295	0.925	0.189	1/2-28UNF 1.496
1	AEL205-100W3	1.0000									
30	AEL206W3	30	62	35.7	23.8	16	1	9	26.7	6	M8x1 44.5
1 1/8	AEL206-101W3	1.0625									
1 1/2	AEL206-102W3	1.1250									
1 3/8	AEL206-103W3	1.1875	2.4409	1.406	0.9370	0.6299	0.039	0.354	1.051	0.236	3/8-24UNF 1.752
1 1/2	AEL206-104W3	1.2500									
35	AEL207W3	35	72	38.9	25.4	17	1.5	9.5	29.4	6.8	M10x1.25 55.5
1 1/4	AEL207-104W3	1.2500									
1 3/8	AEL207-105W3	1.3125	2.8346	1.531	1.0000	0.6693	0.059	0.374	1.157	0.268	3/8-24UNF 2.185
1 1/2	AEL207-106W3	1.3750									
1 3/8	AEL207-107W3	1.4375									
40	AEL208W3	40	80	43.7	30.2	18	1.5	11	32.7	6.8	M10x1.25 60
1 1/2	AEL208-108W3	1.5000									
1 3/8	AEL208-109W3	1.5625	3.1496	1.720	1.1890	0.7067	0.059	0.433	1.287	0.268	3/8-24UNF 2.362

Note (1) If lubricatable type is needed, please order with suffix "D1".

B346

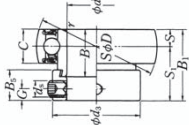
B347

Nominal diameters mm inch	Basic load ratings		Mass dimensions kg lb
	B_5	dynamic C_r	static C_{0r}
13.6	13.6	9 600	4 600
0.535	0.535	2 160	1 030
13.6	13.6	9 600	4 600
0.535	0.535	2 160	1 030
13.6	13.6	9 600	4 600
0.531	0.531	2 890	1 500
13.5	13.5	14 000	7 850
0.531	0.531	3 150	1 770
15.9	15.9	19 500	11 300
0.626	0.626	4 400	2 540
17.5	17.5	25 700	15 300
0.689	0.689	5 750	3 450
18.3	18.3	29 100	17 800
0.720	0.720	6 550	4 000

B347

JEL2

Ball bearings
Eccentric locking collar type

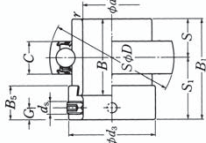


Shaft dia. mm Inch	Bearing (1) number	Nominal dimensions									
		d	D	B ₁	B	C	r	S	S ₁	G	d ₅
12	JEL201W3	12	40	28.6	19	13	0.6	6.5	22.1	4.8	M6x0.75 29
1/2	JEL201-008W3	0.5000	1.5748	1.126	0.7480	0.5118	0.024	0.256	0.870	0.189	1/2-28UNF 1.142
15	JEL202W3	15	40	28.6	19	13	0.6	6.5	22.1	4.8	M6x0.75 29
9/16	JEL202-008W3	0.5625	1.5748	1.126	0.7480	0.5118	0.024	0.256	0.870	0.189	1/2-28UNF 1.142
5/8	JEL202-010W3	0.6250									
17	JEL203W3	17	40	28.6	19	13	0.6	6.5	22.1	4.8	M6x0.75 29
11/16	JEL203-011W3	0.6675	1.5748	1.126	0.7480	0.5118	0.024	0.256	0.870	0.189	1/2-28UNF 1.142
20	JEL204W3	20	47	31	21.5	15	1	7.5	23.5	4.8	M6x0.75 33
3/4	JEL204-012W3	0.7500	1.8504	1.220	0.8465	0.5906	0.039	0.295	0.925	0.189	1/2-28UNF 1.289
25	JEL205W3	25	52	31	21.5	15	1	7.5	23.5	4.8	M6x0.75 38
1 3/16	JEL205-013W3	0.8125									
1 1/8	JEL205-014W3	0.8750									
1 1/8	JEL205-015W3	0.9375	2.0472	1.220	0.8465	0.5906	0.039	0.295	0.925	0.189	1/2-28UNF 1.486
1	JEL205-100W3	1.0000									
30	JEL206W3	30	62	35.7	23.8	18	1	9	26.7	6	M8x1 44.5
1 1/16	JEL206-101W3	1.0625									
1 1/16	JEL206-102W3	1.1250									
1 3/16	JEL206-103W3	1.1875	2.4409	1.406	0.9370	0.7067	0.039	0.354	1.051	0.236	3/8-24UNF 1.752
1 1/4	JEL206-104W3	1.2500									
35	JEL207W3	35	72	38.9	25.4	19	1.5	9.5	29.4	6.8	M10x1.25 55.5
1 1/4	JEL207-104W3	1.2500									
1 1/8	JEL207-105W3	1.3125	2.8346	1.531	1.0000	0.7480	0.059	0.374	1.157	0.268	3/8-24UNF 2.185
1 3/8	JEL207-106W3	1.3750									
1 1/2	JEL207-107W3	1.4375									
40	JEL208W3	40	80	43.7	30.2	22	1.5	11	32.7	6.8	M10x1.25 60
1 1/2	JEL208-108W3	1.5000									
1 1/8	JEL208-109W3	1.5625	3.1496	1.720	1.1890	0.8661	0.059	0.433	1.287	0.268	3/8-24UNF 2.362

Note (1) If lubricatable type is needed, please order with suffix "D1".

REL2

Ball bearings
Eccentric locking collar type



Shaft dia. min inch	Bearing (°) number	Nominal dimensions									
		d	D	B ₁	B	C	r	S	S ₁	G	d ₅
20	REL204-W3	20	47	43.7	34.2	15	1	17.1	26.6	4.8	M6x0.75
³ / ₄	REL204-012W3	0.7500	1.8504	1.720	1.3465	0.5906	0.039	0.673	1.047	0.189	¹ / ₈ 28UNF
25	REL205-W3	25	52	44.4	34.9	15	1	17.45	26.9	4.8	M6x0.75
¹ / ₈	REL205-013W3	0.8125									
⁷ / ₁₆	REL205-014W3	0.8750									
¹⁵ / ₁₆	REL205-015W3	0.9375	2.0472	1.748	1.3740	0.5906	0.039	0.687	1.059	0.189	¹ / ₈ 28UNF
1	REL205-100W3	1.0000									
30	REL206-W3	30	62	48.4	36.5	18	1	18.25	30.1	6	M8x1
¹ / ₈	REL206-101W3	1.0625									
¹ / ₂	REL206-102W3	1.1250									
¹ / ₄	REL206-103W3	1.1875	2.1409	1.906	1.4370	0.7087	0.039	0.719	1.185	0.236	³ / ₁₆ 24UNF
¹ / ₄	REL206-104W3	1.2500									
35	REL207-W3	35	72	51.1	37.6	19	1.5	18.8	32.3	6.8	M10x1.25
¹ / ₄	REL207-104W3	1.2500									
¹ / ₈	REL207-105W3	1.3125	2.8346	2.012	1.4803	0.7480	0.059	0.740	1.272	0.268	³ / ₁₆ 24UNF
¹ / ₂	REL207-106W3	1.3750									
¹ / ₄	REL207-107W3	1.4375									
40	REL208-W3	40	80	56.3	42.8	22	1.5	21.4	34.9	6.8	M10x1.25
¹ / ₂	REL208-108W3	1.5000									
¹ / ₈	REL208-109W3	1.5625	3.1496	2.217	1.6650	0.8661	0.059	0.843	1.374	0.268	³ / ₁₆ 24UNF
45	REL209-W3	45	85	56.3	42.8	22	1.5	21.4	34.9	6.8	M10x1.25
¹ / ₂	REL209-110W3	1.6250									
¹ / ₈	REL209-111W3	1.6875	3.3465	2.217	1.6650	0.8661	0.059	0.843	1.374	0.268	³ / ₁₆ 24UNF
¹ / ₄	REL209-112W3	1.7500									

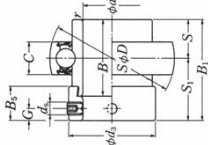
Note (°) If replicatable type is needed, please order with suffix "D1".

B350

B351

REL2

Ball bearings
Eccentric locking collar type



Shaft dia. mm Inch	Bearing (°) number	Nominal dimensions									
		d	D	B ₁	B	C	r	S	S ₁	G	d ₃
50	REL210W3	50	90	62.7	49.2	22	1.5	24.6	38.1	6.8	M10×1.25
1 ¹ / ₁₆	REL210-113W3	1.8125									69.5
1 ⁷ / ₁₆	REL210-114W3	1.8750									
1 ¹ / ₈	REL210-115W3	1.9375	3.5433	2.469	1.9370	0.8681	0.059	0.969	1.500	0.288	3/24UNF
2	REL210-200W3	2.0000									2.736
55	REL211W3	55	100	71.4	55.5	24	2	27.75	43.6	8	M10×1.25
2	REL211-200W3	2.0000									76
2 ¹ / ₁₆	REL211-201W3	2.0625									
2 ¹ / ₈	REL211-202W3	2.1250	3.9370	2.811	2.1850	0.9449	0.079	1.093	1.717	0.315	3/24UNF
2 ¹ / ₄	REL211-203W3	2.1875									2.992
60	REL212W3	60	110	77.8	61.9	27	2	30.95	46.8	8	M10×1.25
2 ¹ / ₄	REL212-204W3	2.2500									84
2 ³ / ₁₆	REL212-205W3	2.3125									
2 ¹ / ₂	REL212-206W3	2.3750	4.3307	3.063	2.4370	1.0630	0.079	1.219	1.843	0.315	3/24UNF
2 ⁷ / ₁₆	REL212-207W3	2.4375									3.307

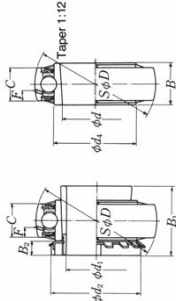
Note (°) If relubricatable type is needed, please order with suffix "D1".

B352

B353

UK2

Ball bearings
Adapter type

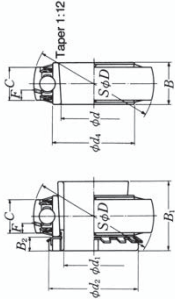


Shaft dia. mm inch	Bearing OVD number	Nominal dimensions										UK2...D1	
		d	D	B	C	d ₁	B ₁	d ₂	B ₂	F	C		
20	UK205D1HE2305X	25	52	23	17	33.9	20	35	8	38	4.5		
³ / ₄	UK205D1HE2305	0.9843	2.0472	0.9055	0.6693	1.335	³ / ₄	1.378	0.315	1.496	0.177		
25	UK206D1HE2306X	30	62	26	19	40.8	25	38	8	45	4.6		
¹ / ₂	UK206D1HE2306	1.1811	2.4409	1.0236	0.7480	1.606	¹ / ₂	1.496	0.315	1.772	0.181		
1	UK206D1HE2306X												
30	UK207D1HE2307X	35	72	29	20	45.8	30	43	9	52	4.6		
¹ / ₂	UK207D1HE2307	1.3780	2.6346	1.1417	0.7874	1.843	¹ / ₂	1.693	0.354	2.047	0.181		
35	UK208D1HE2308X	40	80	31	21	53	35	46	10	58	4.5		
¹ / ₄	UK208D1HE2308X	1.5748	3.1496	1.2205	0.8268	2.087	¹ / ₄	1.811	0.394	2.283	0.177		
¹ / ₂	UK208D1HE2308X												
40	UK209D1HE2309X	45	85	31	22	57.5	40	50	11	65	4.9		
¹ / ₁₆	UK209D1HA2309												
¹ / ₂	UK209D1HE2309X	1.7717	3.3465	1.2205	0.8661	2.264	¹ / ₂	1.969	0.433	2.559	0.193		
¹ / ₈	UK209D1HE2309X												
45	UK210D1HE2310X	50	90	32	24	62.4	45	55	12	70	5.9		
¹ / ₈	UK210D1HE2310												
¹ / ₁₆	UK210D1HA2310	1.9685	3.5433	1.2598	0.9449	2.457	¹ / ₁₆	2.165	0.472	2.756	0.232		
¹ / ₄	UK210D1HE2310X												
50	UK211D1HE2311X	55	100	35	25	69	50	59	12	75	6.0		
¹ / ₈	UK211D1HE2311												
¹ / ₁₆	UK211D1HA2311	2.1654	3.9370	1.3780	0.9843	2.717	¹ / ₁₆	2.323	0.472	2.853	0.236		
2	UK211D1HE2311XY												
55	UK212D1HE2312X	60	110	38	27	77	55	62	13	80	6.2		
² / ₁₆	UK212D1HE2312	2.3622	4.3307	1.4961	1.0630	3.031	² / ₁₆	2.441	0.512	3.150	0.244		

Notes (1) These numbers indicate selectable type. If maintenance free type is needed, please order without suffix "D1".
(2) Adapter number with suffix "X" means a narrow slot type adapter sleeve.
In this case the lock washer with the straight inner prong should be used.
(3) For HE2311XY, screw thread pitch different from the standard is applied, because of the thin thread section of sleeve.
To distinguish it, a suffix "Y" is added.

UK2

Ball bearings
Adapter type

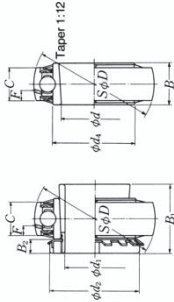


Shaft dia. mm Inch	Bearing (1) number	Nominal dimensions										UK2--D1.H, HA, HE, HS				UK2--D1			
		d	D	B	C	d ₁	D ₁	B ₁	d ₂	D ₂	B ₂	d ₃	D ₃	B ₃	d ₄	D ₄	B ₄	d ₅	D ₅
60	UK213D1.HA2313X	65	120	40	32	82.5	60	65	14	85	8.7								
2 ¹¹ / ₁₆	UK213D1.HA2313						2 ⁵ / ₁₆												
2 ¹ / ₄	UK213D1.HE2313X	2.5591	4.7244	1.5748	1.2598	3.248	2 ¹ / ₄	2.559	0.551	3.346	0.343								
2 ¹ / ₂	UK213D1.HS2313X						2 ³ / ₈												
65	UK216D1.HA2316X	75	130	44	34	93	65	73	15	98	9.0								
2 ¹ / ₈	UK216D1.HA2316						2 ¹ / ₈												
2 ¹ / ₂	UK216D1.HE2316X	2.9528	5.1181	1.7323	1.3386	3.661	2 ¹ / ₂	2.874	0.591	3.858	0.354								
70	UK216D1.HA2316X	80	140	45	35	98.1	70	78	17	105	9.5								
2 ¹ / ₈	UK216D1.HA2316						2 ¹ / ₈												
2 ¹ / ₄	UK216D1.HE2316X	3.1496	5.5118	1.7717	1.3780	3.862	2 ¹ / ₄	3.071	0.689	4.134	0.374								
75	UK217D1.HA2317X	85	150	46	36	106.4	75	82	18	110	10.1								
2 ¹¹ / ₁₆	UK217D1.HA2317X						2 ¹¹ / ₁₆												
3	UK217D1.HE2317X	3.3465	5.9055	1.8110	1.4173	4.189	3	3.228	0.709	4.331	0.398								
80	UK218D1.HA2318X	90	160	47	37	111.6	80	86	18	120	9.8								
3 ¹ / ₁₆	UK218D1.HA2318X						3 ¹ / ₁₆												
		3.5433	6.2982	1.8504	1.4567	4.394	3 ¹ / ₁₆	3.386	0.709	4.724	0.388								

Notes (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
(2) Adapter number with suffix "X" means a narrow slot type adapter sleeve.
In this case the lock washer with the straight inner profile should be used.

UK3

Ball bearings
Adapter type

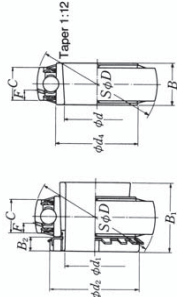


Shaft dia. mm Inch	Bearing (VDA) number	Nominal dimensions												UK3--D1H, HA, HE, HS				UK3--D1													
		<i>d</i>	<i>D</i>	<i>B</i>	<i>C</i>	<i>d₂</i>	<i>d₁</i>	<i>B₁</i>	<i>B₂</i>	<i>d₂</i>	<i>F</i>																				
20	UK305D1/HS2305X	25	62	26	20	36.8	20	35	8	38	5.0																				
⁷ / ₁₆	UK305D1/HE2305	0.9843	2.4409	1.0236	0.7874	1.449	⁷ / ₁₆	1.378	0.315	1.496	0.197																				
25	UK306D1/HS2306X	30	72	29	23	44.9	25	38	8	45	5.9																				
¹ / ₂	UK306D1/HE2306	1.1811	2.8346	1.1417	0.9055	1.768	¹ / ₂	1.496	0.315	1.772	0.232																				
1	UK306D1/HE2306X						1																								
30	UK307D1/HS2307X	35	80	33	25	49.4	30	43	9	52	6.8																				
¹ / ₂	UK307D1/HE2307	1.3780	3.1496	1.2992	0.9843	1.945	¹ / ₂	1.693	0.354	2.047	0.268																				
35	UK308D1/HS2308X	40	90	34	27	56	35	46	10	58	7.4																				
¹ / ₄	UK308D1/HE2308X	1.5748	3.5433	1.3386	1.0630	2.205	¹ / ₄	1.811	0.394	2.283	0.291																				
¹ / ₂	UK308D1/HS2308X						¹ / ₂																								
40	UK309D1/HS2309X	45	100	37	29	63.5	40	50	11	65	7.4																				
¹ / ₂	UK309D1/HA2309						¹ / ₂																								
¹ / ₂	UK309D1/HE2309X	1.7717	3.9370	1.4567	1.1417	2.500	¹ / ₂	1.969	0.433	2.559	0.291																				
¹ / ₂	UK309D1/HS2309X						¹ / ₂																								
45	UK310D1/HS2310X	50	110	41	32	70.6	45	55	12	70	8.1																				
¹ / ₂	UK310D1/HS2310						¹ / ₂																								
¹ / ₂	UK310D1/HA2310	1.9685	4.9307	1.6142	1.2598	2.780	¹ / ₂	2.165	0.472	2.756	0.319																				
¹ / ₂	UK310D1/HE2310X						¹ / ₂																								
50	UK311D1/HS2311X	55	120	44	34	76.6	50	59	12	75	8.5																				
¹ / ₂	UK311D1/HE2311						¹ / ₂																								
¹ / ₂	UK311D1/HA2311	2.1654	4.7244	1.7323	1.3866	3.016	¹ / ₂	2.323	0.472	2.953	0.335																				
2	UK311D1/HE2311XY						2																								
55	UK312D1/HS2312X	60	130	47	36	82.7	55	62	13	80	9.0																				
² / ₅	UK312D1/HE2312	2.3622	5.1181	1.8504	1.4173	3.256	² / ₅	2.441	0.512	3.150	0.354																				

Notes (1) These numbers indicate selectable type. If maintenance free type is needed, please order without suffix "D1".
(2) Adapter number with suffix "X" means a narrow slot type adapter sleeve.
In this case the lock washer with the straight inner prong should be used.
(3) For HE2311XY, screw thread pitch different from the standard is applied, because of the thin thread section of sleeve.
To distinguish it, a suffix "Y" is added.

UK3

Ball bearings
Adapter type



UK3--D1(H, HA, HE, HS)																	UK3--D1			
Shaft dia. mm Inch	Bearing (1) ^(*) number	Nominal dimensions																		
		d	D	B	C	d ₄	d ₁	B ₁	d ₂	B ₂	d ₃	F								
60	UK313D1/H2313X	65	140	49	39	88.2	60	65	14	85	10.1									
2 ¹ / ₁₆	UK313D1/HA2313	2.5591	5.5118	1.9291	1.5354	3.472	2 ¹ / ₁₆	2 ¹ / ₁₆	0.551	3.346	0.398									
2 ¹ / ₄	UK313D1/HE2313X																			
2 ¹ / ₂	UK313D1/HS2313X																			
65	UK316D1/H2316X	75	160	55	43	101.3	65	73	15	98	11.0									
2 ¹ / ₁₆	UK316D1/HA2316	2.9528	6.2992	2.1654	1.6929	3.988	2 ¹ / ₁₆	2 ¹ / ₁₆	0.591	3.858	0.433									
2 ¹ / ₂	UK316D1/HE2316X																			
70	UK316D1/H2316X																			
2 ¹ / ₁₆	UK316D1/HA2316	3.1496	6.6929	2.2835	1.7717	4.248	2 ¹ / ₁₆	3.071	0.659	4.134	0.449									
2 ¹ / ₂	UK316D1/HE2316X																			
75	UK317D1/H2317X																			
2 ¹ / ₁₆	UK317D1/HA2317X	3.3465	7.0866	2.3622	1.9504	4.504	2 ¹ / ₁₆	3.228	0.709	4.331	0.472									
3	UK317D1/HE2317X																			
80	UK318D1/H2318X																			
3 ¹ / ₁₆	UK318D1/HA2318X	3.5433	7.4803	2.5197	1.9291	4.760	3 ¹ / ₁₆	3.386	0.709	4.724	0.464									
85	UK319D1/H2319X																			
3 ¹ / ₄	UK319D1/HE2319X																			
90	UK320D1/H2320X	100	215	73	55	135.6	90	97	20	130	13.5									
3 ¹ / ₁₆	UK320D1/HA2320	3.9370	8.4646	2.8740	2.1654	5.339	3 ¹ / ₁₆	3.819	0.787	5.118	0.531									
3 ¹ / ₂	UK320D1/HE2320X																			
100	UK322D1/H2322X	110	240	80	59	151.7	100	105	21	145	13.9									
110	UK324D1/H2324	120	260	86	63	165.2	110	112	22	155	16.0									
115	UK326D1/H2326	130	280	90	67	178.3	115	121	23	165	16.9									
125	UK328D1/H2328	140	300	95	71	190.4	125	131	24	180	17.7									

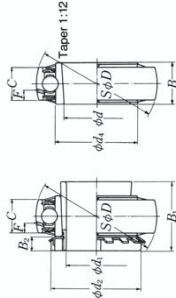
Notes (1) These numbers indicate reliable type. If maintenance free type is needed, please order without suffix "D1".

(*) Adapter number with suffix "X" means a narrow slot type adapter sleeve.

In this case the lock washer with the straight inner prong should be used.

UKX

Ball bearings
Adapter type

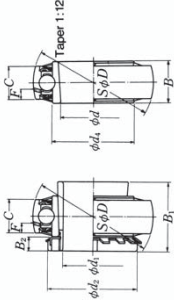


Shaft dia. mm inch	Bearing OVD number	Nominal dimensions										UKX...D1H, HA, HE, HS				UKX...D1			
		d	D	B	C	d ₁	d ₂	B ₁	B ₂	d ₃	F	d ₁	d ₂	B ₁	B ₂	d ₃	F		
20	UKX06D1HE2305X	25	62	26	19	40.8	20	35	8	38	4.6								
3/4	UKX06D1HE2305	0.9843	2.4409	1.0236	0.7480	1.606	2 1/4	1.378	0.315	1.496	0.181								
25	UKX08D1HE2309X	30	72	29	20	46.8	25	38	8	45	4.6								
1	UKX08D1HE2306	1.1811	2.8346	1.1417	0.7874	1.843	1	1.496	0.315	1.772	0.181								
1 1/8	UKX08D1HE2308X																		
30	UKX07D1HE2307X	35	80	31	21	53	30	43	9	52	4.5								
1 1/8	UKX07D1HE2307	1.3780	3.1496	1.2205	0.8268	2.087	1 1/8	1.693	0.354	2.047	0.177								
35	UKX08D1HE2309X	40	85	31	22	57.5	35	46	10	58	4.9								
1 1/4	UKX08D1HE2308X	1.5748	3.3465	1.2205	0.8661	2.264	1 1/4	1.811	0.394	2.283	0.193								
1 1/8	UKX08D1HE2308X																		
40	UKX09D1HE2309X	45	90	32	24	62.4	40	50	11	65	5.9								
1 1/8	UKX09D1HA2309																		
1 1/2	UKX09D1HE2309X	1.7717	3.5433	1.2598	0.9449	2.457	1 1/2	1.969	0.433	2.559	0.232								
1 3/8	UKX09D1HE2309X																		
45	UKX10D1HE2310X	50	100	35	25	69	45	55	12	70	6.0								
1 3/8	UKX10D1HE2310																		
1 1/8	UKX10D1HA2310	1.9685	3.9370	1.3780	0.9843	2.717	1 1/8	2.165	0.472	2.756	0.236								
1 3/4	UKX10D1HE2310X																		
50	UKX11D1HE2311X	55	110	38	27	77	50	59	12	75	6.2								
1 3/8	UKX11D1HE2311																		
1 1/8	UKX11D1HA2311	2.1654	4.3307	1.4961	1.0630	3.031	1 1/8	2.323	0.472	2.953	0.244								
2	UKX11D1HE2311XY																		
55	UKX12D1HE2312X	60	120	40	32	82.5	55	62	13	80	8.7								
2 1/8	UKX12D1HE2312	2.3622	4.7244	1.5748	1.2598	3.248	2 1/8	2.441	0.512	3.150	0.343								

Notes (1) These numbers indicate replaceable type. If maintenance free type is needed, please order without suffix "D1".
(2) Adapter number with suffix "X" means a narrow slot type adapter sleeve.
In this case the lock washer with the straight inner prong should be used.
(3) For HE2311XY, screw thread pitch different from the standard is applied, because of the thin thread section of sleeve.
To distinguish it, a suffix "Y" is added.

UKX

Ball bearings
Adapter type



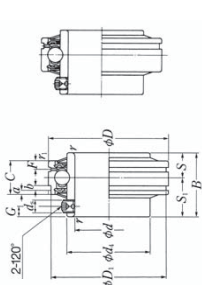
Shaft dia. mm Inch	Bearing (1) number	Nominal dimensions										UKX...D1			
		d	D	B	C	d1	d2	B1	B2	B	d1	B2	d2	F	F
60	UKX13D1HE2313X	65	125	42	33	87	60	65	14	85	85	85	85	8.8	8.8
2 ¹ / ₁₆	UKX13D1HA2313										2 ⁵ / ₁₆				
2 ¹ / ₄	UKX13D1HE2313X	2.5591	4.9213	1.6535	1.2992	3.425	2 ¹ / ₄	2.559	0.551	3.346	0.346				
2 ³ / ₄	UKX13D1HE2313X										2 ³ / ₄				
65	UKX15D1HE2315X	75	140	45	35	98.1	65	73	15	98	9.5				
2 ¹ / ₈	UKX15D1HA2315										2 ¹ / ₈				
2 ¹ / ₂	UKX15D1HE2315X	2.9528	5.5118	1.7717	1.3780	3.862	2 ¹ / ₂	2.874	0.591	3.858	0.374				
70	UKX16D1HE2316X	80	150	46	36	106.4	70	78	17	105	10.1				
2 ¹ / ₈	UKX16D1HA2316										2 ¹ / ₈				
2 ¹ / ₄	UKX16D1HE2316X	3.1496	5.9055	1.8110	1.4173	4.189	2 ¹ / ₄	3.071	0.669	4.134	0.398				
75	UKX17D1HE2317X	85	160	47	37	111.6	75	82	18	110	9.8				
2 ¹ / ₈	UKX17D1HA2317X										2 ¹ / ₈				
3	UKX17D1HE2317X	3.3465	6.2992	1.8504	1.4567	4.394	3	3.228	0.709	4.331	0.398				
80	UKX18D1HE2318X	90	170	49	39	118.2	80	86	18	120	10.5				
3 ¹ / ₈	UKX18D1HA2318X										3 ¹ / ₈				
90	UKX20D1HE2320X	100	190	57	44	131.3	90	97	20	130	11.3				

Notes (1) These numbers indicate re-lubricatable type. If maintenance free type is needed, please order without suffix "D1".
(2) Adapter number with suffix "X" means a narrow slot type adapter sleeve.
In this case the lock washer with the straight inner prong should be used.

Basic load ratings		Mass	
dynamic C_d	N lbf	static C_{st}	kg lb
62 000	44 000	2.19	5.28
14 000	9 800	5.12	11.2
72 500	53 000	4.79	10.6
16 300	11 900	7.27	16.1
83 500	64 000	3.67	8.1
18 700	14 300	8.56	18.9
96 000	71 500	4.53	10.0
21 600	16 100	10.3	22.7
109 000	82 000	5.17	11.4
24 500	18 400	11.2	24.8
133 000	105 000	7.39	16.3

UCS2

Ball bearings
Set screw type



Shaft dia. mm Inch	Bearing (°) number	Nominal dimensions										UCS...DIN		UCS...D1	
		d	D	B	C	r min.	r_1 min.	S min.	S_1	G	d_s				
12	UCS201-LD1N	12	47	31	17	0.6	0.6	12.7	18.3	4.5	M5×0.8				
	UCS201-008LD1N	0.5000	1.8504	1.2205	0.6693	0.024	0.024	0.500	0.720	0.177	No.10-32UNF				
15	UCS202-LD1N	15	47	31	17	0.6	0.6	12.7	18.3	4.5	M5×0.8				
	UCS202-008LD1N	0.5625	1.8504	1.2205	0.6693	0.024	0.024	0.500	0.720	0.177	No.10-32UNF				
	UCS202-010LD1N	0.6250													
17	UCS203-LD1N	17	47	31	17	0.6	0.6	12.7	18.3	4.5	M5×0.8				
	UCS203-011LD1N	0.6875	1.8504	1.2205	0.6693	0.024	0.024	0.500	0.720	0.177	No.10-32UNF				
20	UCS204-LD1N	20	47	31	17	1	0.6	12.7	18.3	4.5	M5×0.8				
	UCS204-012LD1N	0.7500	1.8504	1.2205	0.6693	0.039	0.024	0.500	0.720	0.177	No.10-32UNF				
25	UCS205-LD1N	25	52	34.1	17	1	0.6	14.3	19.8	5	M5×0.8				
	UCS205-013LD1N	0.8125													
	UCS205-014LD1N	0.8750	2.0472	1.3425	0.8693	0.039	0.024	0.563	0.780	0.197	No.10-32UNF				
	UCS205-015LD1N	0.9375													
1	UCS205-100LD1N	1.0000													
30	UCS206-LD1N	30	62	38.1	19	1	1	15.9	22.2	5	M6×0.75				
	UCS206-101LD1N	1.0625													
1 ¹ / ₈	UCS206-102LD1N	1.1250	2.4409	1.5000	0.7480	0.039	0.039	0.626	0.874	0.197	1 ¹ / ₈ 28UNF				
1 ¹ / ₈	UCS206-103LD1N	1.1875													
1 ¹ / ₄	UCS206-104LD1N	1.2500													
35	UCS207-LD1N	35	72	42.9	20	1.5	1.5	17.5	25.4	6	M6×0.75				
	UCS207-104LD1N	1.2500													
1 ¹ / ₄	UCS207-105LD1N	1.3125	2.8346	1.6890	0.7874	0.059	0.059	0.689	1.000	0.236	1 ¹ / ₄ 28UNF				
1 ¹ / ₈	UCS207-106LD1N	1.3750													
1 ¹ / ₈	UCS207-107LD1N	1.4375													
40	UCS208-LD1N	40	80	49.2	21	1.5	1.5	19	30.2	8	M8×1				
1 ¹ / ₂	UCS208-108LD1N	1.5000	3.1486	1.9370	0.8268	0.059	0.059	0.748	1.189	0.315	1 ¹ / ₂ 24UNF				
1 ¹ / ₈	UCS208-109LD1N	1.5625													
45	UCS209-LD1N	45	85	49.2	22	1.5	1.5	19	30.2	8	M8×1				
	UCS209-110LD1N	1.6250													
1 ¹ / ₈	UCS209-111LD1N	1.6875	3.3465	1.9370	0.8661	0.059	0.059	0.748	1.189	0.315	1 ¹ / ₈ 24UNF				
1 ¹ / ₄	UCS209-112LD1N	1.7500													

Note (°) These numbers indicate lubricatable type. If maintenance free type is needed, please order without suffix "D1".

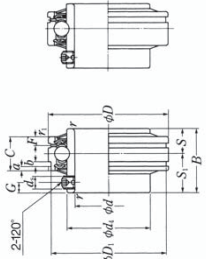
B366

Nominal dimensions						Basic load ratings		Mass	
d_s	D_1	a	b	F	C_{90}	dynamic	static	kg	lb
		mm	inch			C_{90}	C_{90}		
29.6	44.6	3.1	1.5	4		12 800	6 650	0.21	
1.1654	1.756	0.122	0.059	0.157		2 890	1 500	0.46	
29.6	44.6	3.1	1.5	4		12 800	6 650	0.20	
1.1654	1.756	0.122	0.059	0.157		2 890	1 500	0.44	
29.6	44.6	3.1	1.5	4		12 800	6 650	0.18	
1.1654	1.756	0.122	0.059	0.157		2 890	1 500	0.39	
29.6	44.6	3.1	1.5	4		12 800	6 650	0.17	
1.1654	1.756	0.122	0.059	0.157		2 890	1 500	0.39	
33.9	49.73	3.2	1.5	4.1		14 000	7 650	0.20	
1.3346	1.958	0.126	0.059	0.161		3 150	1 770	0.51	
40.8	59.61	3.2	2.05	4.2		19 500	11 300	0.34	
1.6063	2.347	0.126	0.081	0.165		4 400	2 540	0.77	
46.8	68.81	3.3	2.05	5		25 700	15 300	0.48	
1.8425	2.709	0.130	0.081	0.197		5 750	3 450	1.15	
53	76.81	3.4	2.05	5		29 100	17 600	0.85	
2.0866	3.024	0.134	0.081	0.197		6 550	4 000	1.52	
57.5	81.81	3.5	2.05	5.1		32 500	20 400	0.70	
2.2638	3.221	0.138	0.081	0.201		7 350	4 600	1.76	
								1.68	
								1.57	

B367

UCS2

Ball bearings
Set screw type

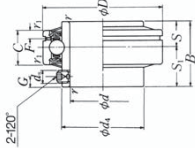


Shaft dia. mm inch	Bearing (1) number	Nominal dimensions										UCS...D1N		UCS...D1	
		d	D	B	C	r	r ₁	S	S ₁	G	d _s				
50	UCS210-113LD1N	50 1.9125	90	51.6	24	1.5	1.5	19	32.6	9	M8x1				
1 ¹ / ₁₆	UCS210-113LD1N														
1 ⁷ / ₁₆	UCS210-114LD1N	1.8750	3.5433	2.0315	0.9449	0.059	0.059	0.748	1.283	0.354	3/8-24UNF				
1 ¹ / ₈	UCS210-119LD1N	1.9375													
2	UCS210-200LD1N	2.0000													
55	UCS211LD1N	55	100	55.6	25	2	2	22.2	33.4	9	M8x1				
2	UCS211-200LD1N	2.0000													
2 ¹ / ₁₆	UCS211-201LD1N	2.0625													
2 ¹ / ₈	UCS211-202LD1N	2.1250	3.9370	2.1890	0.9843	0.079	0.079	0.874	1.315	0.354	3/8-24UNF				
2 ¹ / ₄	UCS211-203LD1N	2.1875													
60	UCS212LD1N	60	110	65.1	27	2	2	25.4	38.7	10	M10x1.25				
2 ¹ / ₄	UCS212-204LD1N	2.2500													
2 ¹ / ₈	UCS212-205LD1N	2.3125													
2 ¹ / ₂	UCS212-206LD1N	2.3750	4.3307	2.5630	1.0630	0.079	0.079	1.000	1.563	0.394	3/8-24UNF				
2 ⁷ / ₁₆	UCS212-207LD1N	2.4375													
65	UCS213D1	65	120	65.1	32	2	2	25.4	38.7	10	M10x1.25				
2 ¹ / ₂	UCS213-208D1	2.5000													
2 ⁹ / ₁₆	UCS213-209D1	2.5625	4.7244	2.5630	1.2598	0.079	0.079	1.000	1.563	0.394	3/8-24UNF				
70	UCS214D1	70	125	74.6	33	2	2	30.2	44.4	12	M10x1.25				
75	UCS215D1	75	130	77.8	34	2	2	33.3	44.5	12	M10x1.25				
80	UCS216D1	80	140	82.6	35	2.5	2.5	33.3	49.3	12	M10x1.25				
85	UCS217D1	85	150	85.7	36	2.5	2.5	34.1	51.6	12	M12x1.5				
90	UCS218D1	90	160	96	37	2.5	2.5	35.7	56.3	12	M12x1.5				

Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

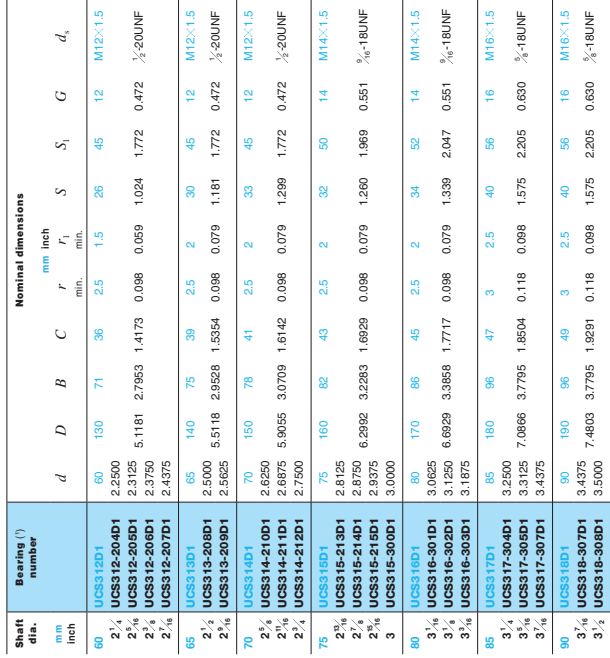
UCS3

Ball bearings
Set screw type



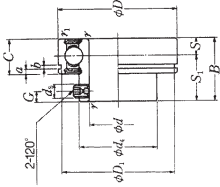
Shaft dia. min inch	Bearing (°) number	Nominal dimensions									
		d	D	B	C	r	r ₁	S	S ₁	G	d ₄
25	UCS306D1	25	62	38	20	1.5	0.6	15	23	6	M6x0.75
1 ¹ / ₁₆	UCS306-013D1	0.8125									
7 ¹ / ₁₆	UCS306-014D1	0.8750									
1 ¹ / ₈	UCS306-016D1	0.9375	2.4409	1.4951	0.7874	0.059	0.024	0.591	0.906	0.236	1 ¹ / ₈ 28UNF
1	UCS306-100D1	1.0000									
30	UCS306D1	30	72	43	23	1.5	1	17	26	6	M6x0.75
1 ¹ / ₈	UCS306-101D1	1.0625									
1 ¹ / ₂	UCS306-102D1	1.1250	2.8346	1.6929	0.9055	0.059	0.039	0.669	1.024	0.236	1 ¹ / ₂ 28UNF
1 ³ / ₁₆	UCS306-103D1	1.1875									
35	UCS307D1	35	80	48	25	2	1	19	29	8	M8x1
1 ¹ / ₄	UCS307-104D1	1.2500									
1 ³ / ₁₆	UCS307-105D1	1.3125	3.1496	1.8958	0.9843	0.079	0.039	0.748	1.142	0.315	3 ¹ / ₁₆ 24UNF
1 ¹ / ₂	UCS307-106D1	1.3750									
1 ⁷ / ₁₆	UCS307-107D1	1.4375									
40	UCS308D1	40	90	52	27	2	1	19	33	10	M10x1.25
1 ¹ / ₂	UCS308-108D1	1.5000	3.5433	2.0472	1.0630	0.079	0.039	0.748	1.289	0.394	3 ¹ / ₈ 24UNF
1 ³ / ₁₆	UCS308-109D1	1.5625									
45	UCS309D1	45	100	57	29	2	1	22	35	10	M10x1.25
1 ¹ / ₂	UCS309-110D1	1.6250									
1 ¹ / ₈	UCS309-111D1	1.6875	3.9370	2.2441	1.1417	0.079	0.039	0.866	1.378	0.394	3 ¹ / ₈ 24UNF
1 ³ / ₁₆	UCS309-112D1	1.7500									
50	UCS310D1	50	110	61	32	2.5	1.5	22	39	12	M12x1.5
1 ¹ / ₂	UCS310-113D1	1.8125									
1 ⁷ / ₁₆	UCS310-114D1	1.8750	4.3307	2.4016	1.2598	0.098	0.059	0.866	1.535	0.472	1 ¹ / ₂ 20UNF
1 ³ / ₈	UCS310-115D1	1.9375									
55	UCS311D1	55	120	66	34	2.5	1.5	25	41	12	M12x1.5
2	UCS311-200D1	2.0000									
2 ¹ / ₁₆	UCS311-201D1	2.0625									
2 ¹ / ₈	UCS311-202D1	2.1250	4.7244	2.5984	1.3386	0.098	0.059	0.984	1.614	0.472	1 ¹ / ₂ 20UNF
2 ³ / ₁₆	UCS311-203D1	2.1875									

Note (°) These numbers indicate rubricatable type. If maintenance free type is needed, please order without suffix "D1".



ASS2

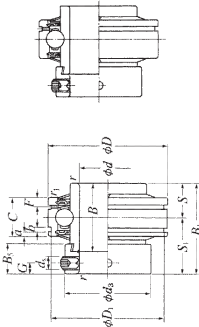
Ball bearings
Set screw type



Shaft dia. mm inch	Bearing number	Nominal dimensions									
		d	D	B	C	r min.	r 1 min.	S	S ₁	G	d ₄
12 1/2	ASS201-008N	12 0.5000	40 1.5748	22 0.8661	12 0.4724	0.6 0.024	0.6 0.024	6 0.236	6 0.630	4.2 0.165	M5×0.8 No.10-32UNF
15 9/16	ASS202-009N	15 0.5625	40 1.5748	22 0.8661	12 0.4724	0.6 0.024	0.6 0.024	6 0.236	6 0.630	4.2 0.165	M5×0.8 No.10-32UNF
17 11/16	ASS203-011N	17 0.6375	40 1.5748	22 0.8661	12 0.4724	0.6 0.024	0.6 0.024	6 0.236	6 0.630	4.2 0.165	M5×0.8 No.10-32UNF
20 3/4	ASS204-012N	20 0.7500	47 1.8504	26 0.9843	14 0.5512	1 0.039	0.6 0.024	7 0.276	7 0.709	4.2 0.165	M5×0.8 No.10-32UNF
25 1 1/8	ASS205-013N	25 0.8125	52 2.0472	27 1.0630	15 0.5906	1 0.039	0.6 0.024	7.5 0.295	5 0.768	5 0.197	M5×0.8 No.10-32UNF
30 1 1/4	ASS206-016N	30 1.0625	62 2.4409	29 1.1417	16 0.6299	1 0.039	0.6 0.024	8 0.315	5 0.827	5 0.197	M6×0.75 1/2-28UNF
35 1 1/2	ASS207-017N	35 1.2500	72 2.8346	34 1.3386	17 0.6693	1.5 0.059	0.6 0.024	8.5 0.335	6 1.004	6 0.236	M6×0.75 1/2-28UNF
40 1 5/8	ASS208-018N	40 1.5000	80 3.1496	38 1.4961	18 0.7057	1.5 0.059	0.6 0.024	9 0.354	8 1.142	8 0.315	M8×1 5/8-24UNF
45 1 7/8	ASS209-019N	45 1.5625									

UELS2

Ball bearings
Eccentric locking collar type

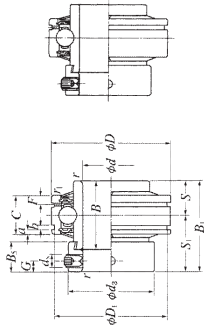


Shaft dia. mm inch	Bearing (°) number	Nominal dimensions										UELS--D1N					UELS--D1				
		d	D	B ₁	B	C	r	r ₁	S	S ₁	G										
20 ¾	UELS204-012LD1NW3	20	47	43.7	34.2	17	1	0.6	17.1	26.6	4.8										
	UELS204-012LD1NW3	0.7500	1.8504	1.720	1.3465	0.6693	0.039	0.024	0.673	1.047	0.189										
	UELS205-013LD1NW3	25	52	44.4	34.9	17	1	0.6	17.45	26.9	4.8										
	UELS205-013LD1NW3	0.8125																			
	UELS205-014LD1NW3	0.8750																			
25 1 ⅛	UELS205-014LD1NW3	0.9375																			
	UELS205-014LD1NW3	0.9375																			
	UELS205-10LD1NW3	1.0000																			
	UELS206-10LD1NW3	30	62	48.4	36.5	19	1	1	18.25	30.1	6										
	UELS206-10LD1NW3	1.0625																			
30 1 ½	UELS206-102LD1NW3	1.1250																			
	UELS206-102LD1NW3	1.1250																			
	UELS206-103LD1NW3	1.1875																			
	UELS206-103LD1NW3	1.1875																			
	UELS206-104LD1NW3	1.2500																			
35 1 ¼	UELS207-104LD1NW3	1.2500																			
	UELS207-104LD1NW3	1.2500																			
	UELS207-105LD1NW3	1.3125																			
	UELS207-105LD1NW3	1.3125																			
	UELS207-106LD1NW3	1.3750																			
40 1 ½	UELS207-107LD1NW3	1.4375																			
	UELS207-107LD1NW3	1.4375																			
	UELS208-108LD1NW3	1.5000																			
	UELS208-108LD1NW3	1.5000																			
	UELS208-109LD1NW3	1.5625																			
45 1 ¾	UELS209-110LD1NW3	1.6250																			
	UELS209-110LD1NW3	1.6250																			
	UELS209-111LD1NW3	1.6875																			
	UELS209-111LD1NW3	1.6875																			
	UELS209-112LD1NW3	1.7500																			
50 2	UCS210LD1NW3	50	90	62.7	49.2	24	1.5	1.5	24.6	38.1	6.8										
	UCS210-113LD1NW3	1.8125																			
	UCS210-114LD1NW3	1.8750																			
	UCS210-115LD1NW3	1.9375																			
	UCS210-20LD1NW3	2.0000																			

Note (°) These numbers indicate lubricatable type. If maintenance free type is needed, please order without suffix "D1".

UELS2

Ball bearings
Eccentric locking collar type

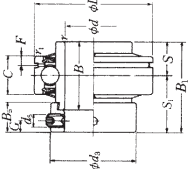


Shaft dia. mm inch	Bearing (°) number	Nominal dimensions										UELS--D1N					UELS--D1				
		d	D	B ₁	B	C	r _{mm}	r _{inch}	r ₁	S	S ₁	G									
55	UELS211LD1NW3	55	100	71.4	55.5	25	2	2	27.75	43.6	8										
2	UELS211-200LD1NW3	2.0000																			
2 1/16	UELS211-201LD1NW3	2.0625																			
2 3/8	UELS211-202LD1NW3	2.1250	3.9370	2.811	2.1850	0.9843	0.079	0.079	1.093	1.717	0.315										
2 7/16	UELS211-203LD1NW3	2.1875																			
60	UELS212LD1NW3	60	110	77.8	61.9	27	2	2	30.95	46.8	8										
2 1/4	UELS212-204LD1W3	2.2500																			
2 5/16	UELS212-205LD1W3	2.3125	4.3307	3.063	2.4370	1.0630	0.079	0.079	1.219	1.843	0.315										
2 3/8	UELS212-206LD1W3	2.3750																			
2 7/16	UELS212-207LD1W3	2.4375																			

Note (°) These numbers indicate releucatable type. If maintenance free type is needed, please order without suffix "D1".

UELS3

Ball bearings
Eccentric locking collar type



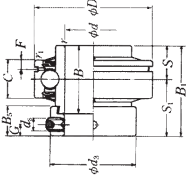
Shaft dia. mm inch	Bearing (°) number	Nominal dimensions										
		d	D	B ₁	B	C	r mm.	r ₁ mm.	S	S ₁	G	d _e
25 1 ¹ / ₈ 1 ¹ / ₈ 1 ¹ / ₈ 1	UELS305-013W3 UELS305-013D1W3 UELS305-014D1W3 UELS305-015D1W3 UELS305-100D1W3	25 0.8125 0.8750 0.9375 1.0000	62 2.4409	34.9 1.843	34.9 1.3740	20 0.7874	1.5 0.059	0.6 0.024	16.7 0.657	30.1 1.185	6 0.236	M8×1 3/8-24UNF
30 1 ³ / ₈ 1 ³ / ₈ 1 ³ / ₈	UELS306-013W3 UELS306-10D1W3 UELS306-10D1W3 UELS306-10D1W3 UELS306-103D1W3	30 1.0625 1.1250 1.1875	72 2.8346	50 1.969	36.5 1.4370	23 0.9055	1.5 0.059	1 0.039	17.5 0.689	32.5 1.280	6.7 0.264	M8×1 3/8-24UNF
35 1 ⁷ / ₈ 1 ⁷ / ₈ 1 ⁷ / ₈ 1 ⁷ / ₈	UELS307-013W3 UELS307-104D1W3 UELS307-105D1W3 UELS307-106D1W3 UELS307-107D1W3	35 1.2500 1.3125 1.3750 1.4375	80 3.1496	51.6 2.031	38.1 1.5000	25 0.9843	2 0.079	1 0.039	18.3 0.720	33.3 1.311	6.7 0.264	M8×1 3/8-24UNF
40 1 ¹ / ₂ 1 ¹ / ₂ 1 ¹ / ₂	UELS308-013W3 UELS308-108D1W3 UELS308-108D1W3 UELS308-109D1W3	40 1.5000 1.5625	90 3.5433	57.1 2.248	41.3 1.6260	27 1.0630	2 0.079	1 0.039	19.8 0.780	37.3 1.469	8 0.315	M10×1.25 3/8-24UNF
45 1 ⁷ / ₈ 1 ⁷ / ₈ 1 ⁷ / ₈ 1 ⁷ / ₈	UELS309-013W3 UELS309-11D1W3 UELS309-11D1W3 UELS309-11D1W3	45 1.6250 1.6875 1.7500	100 3.9370	58.7 2.311	42.9 1.6890	29 1.1417	2 0.079	1 0.039	19.8 0.780	38.9 1.531	8 0.315	M10×1.25 3/8-24UNF
50 1 ⁹ / ₈ 1 ⁹ / ₈ 1 ⁹ / ₈	UCS210-101W3 UCS210-113D1W3 UCS210-114D1W3 UCS210-115D1W3	50 1.8125 1.8750 1.9375	110 4.3307	66.6 2.622	49.2 1.9370	32 1.2598	2.5 0.098	1.5 0.059	24.6 0.969	42 1.654	8.7 0.343	M10×1.25 3/8-24UNF
55 2 2 ¹ / ₈ 2 ¹ / ₈ 2 ¹ / ₈	UELS311-013W3 UELS311-200D1W3 UELS311-201D1W3 UELS311-202D1W3 UELS311-203D1W3	55 2.0000 2.0625 2.1250 2.1875	120 4.7244	73 2.874	55.6 2.1890	34 1.3386	2.5 0.098	1.5 0.059	27.8 1.094	45.2 1.780	8.7 0.343	M10×1.25 3/8-24UNF

Note (°) These numbers indicate lubricatable type. If maintenance free type is needed, please order without suffix "D1".

Nominal dimensions mm inch	Basic load ratings N lbf	Mass kg lb
d ₅ B ₅ F	C ₅ C _{5s}	C ₅ C _{5s}
42.8 15.9 4.3	21 200 10 900	0.45 1.13
1.685 0.626 0.169	4 750 2 460	1.09 1.05
50 17.5 5.1	28 700 15 000	0.71 1.62
1.969 0.689 0.201	6 000 3 400	1.36 1.50
55 17.5 5.3	33 500 19 100	0.83 1.99
2.165 0.689 0.209	7 500 4 300	1.91 1.84
63.5 20.6 5.6	40 500 24 000	1.12 2.67
2.500 0.811 0.220	9 150 5 400	2.58 2.58
70 20.6 5.8	53 000 32 000	1.50 3.26
2.756 0.811 0.228	11 900 7 200	3.26 3.26
76.2 22.2 6.3	62 000 38 500	1.93 4.55
3.000 0.874 0.248	13 900 8 600	4.44 4.30
83 22.2 6.5	71 500 45 000	2.42 5.76
3.268 0.874 0.256	16 100 10 100	5.57 5.43
		5.26 5.26

UELS3

Ball bearings
Eccentric locking collar type

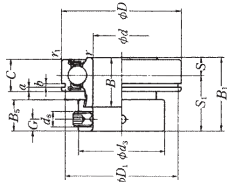


Shaft dia. mm inch	Bearing (°) number	Nominal dimensions									
		d	D	B ₁	B	C	r	S	S ₁	G	d ₁
mm											
in.											
60	UELS312D1W3	60	130	79.4	61.9	36	2.5	1.5	30.95	48.45	8.7 M10×1.25
	UELS312-204D1W3	2.5000									
	UELS312-205D1W3	2.3125	5.1181	3.126	2.4370	1.4173	0.098	0.059	1.219	1.907	0.343 3/8-24UNF
	UELS312-206D1W3	2.3750									
	UELS312-207D1W3	2.4375									
65	UELS313D1W3	65	140	85.7	65.1	39	2.5	2	32.55	53.15	10.3 M12×1.5
	UELS313-208D1W3	2.5000									
	UELS313-209D1W3	2.5625	5.5118	3.374	2.5630	1.5354	0.098	0.079	1.281	2.093	0.406 3/4-20UNF
	UELS313-210D1W3	2.6250									
	UELS313-211D1W3	2.6875	5.9055	3.626	2.6890	1.6142	0.098	0.079	1.344	2.281	0.406 3/4-20UNF
70	UELS314D1W3	70	150	92.1	68.3	41	2.5	2	34.15	57.95	10.3 M12×1.5
	UELS314-210D1W3	2.6250									
	UELS314-211D1W3	2.6875	5.9055	3.626	2.6890	1.6142	0.098	0.079	1.344	2.281	0.406 3/4-20UNF
	UELS314-212D1W3	2.7500									
	UELS314-212D1W3	2.7500									
75	UELS315D1W3	75	160	100	74.6	43	2.5	2	37.3	62.7	12.7 M16×1.5
	UELS315-213D1W3	2.8125									
	UELS315-214D1W3	2.8750	6.2932	3.937	2.8370	1.6329	0.098	0.079	1.469	2.469	0.500 3/4-18UNF
	UELS315-215D1W3	2.9375									
	UELS315-300D1W3	3.0000									
80	UELS316D1W3	80	170	106.4	81	45	2.5	2	40.5	65.9	12.7 M16×1.5
	UELS316-301D1W3	3.0625									
	UELS316-302D1W3	3.1250	6.6929	4.189	3.1890	1.7717	0.098	0.079	1.594	2.594	0.500 3/4-18UNF
	UELS316-303D1W3	3.1875									
	UELS316-303D1W3	3.1875									
85	UELS317D1W3	85	180	109.5	84.1	47	3	2.5	42.05	67.45	12.7 M16×1.5
	UELS317-304D1W3	3.2500									
	UELS317-305D1W3	3.3125	7.0866	4.311	3.3110	1.8504	0.118	0.098	1.656	2.656	0.500 3/4-18UNF
	UELS317-307D1W3	3.4375									
	UELS317-307D1W3	3.4375									
90	UELS318D1W3	90	190	115.9	87.3	49	3	2.5	43.65	72.25	14.3 M20×1.5
	UELS318-307D1W3	3.4375	7.4803	4.563	3.4370	1.9291	0.118	0.098	1.719	2.844	0.563 3/4-16UNF
	UELS318-308D1W3	3.5000									

Note (°) These numbers indicate replaceable type. If maintenance free type is needed, please order without suffix "D1".

AELS2

Ball bearings
Eccentric locking collar type



Shaft dia. mm inch	Bearing number	Nominal dimensions									
		d	D	B ₁	B	C	r	r ₁	S	S ₁	d _c
12 ⁹ / ₁₆	AELS2011NW3	12	40	28.6	19	12	0.6	0.6	6.5	22.1	4.8
	AELS201-008NW3	0.5000	1.5748	1.126	0.7480	0.4724	0.024	0.024	0.256	0.870	0.189
15 ⁵ / ₈	AELS2021NW3	15	40	28.6	19	12	0.6	0.6	6.5	22.1	4.8
	AELS202-009NW3	0.5825									
	AELS202-010NW3	0.6250	1.5748	1.126	0.7480	0.4724	0.024	0.024	0.256	0.870	0.189
17 ¹¹ / ₁₆	AELS2031NW3	17	40	28.6	19	12	0.6	0.6	6.5	22.1	4.8
	AELS203-011NW3	0.6875	1.5748	1.126	0.7480	0.4724	0.024	0.024	0.256	0.870	0.189
20 ³ / ₄	AELS2041NW3	20	47	31	21.5	14	1	0.6	7.5	23.5	4.8
	AELS204-012NW3	0.7500	1.8504	1.220	0.8465	0.5512	0.039	0.024	0.295	0.925	0.189
25 ⁹ / ₁₆	AELS2051NW3	25	52	31	21.5	15	1	0.6	7.5	23.5	4.8
	AELS205-013NW3	0.8125									
	AELS205-014NW3	0.8750	2.0472	1.220	0.8465	0.5906	0.039	0.024	0.295	0.925	0.189
	AELS205-015NW3	0.9375									
1	AELS205-100NW3	1.0000									
30 ¹ / ₂	AELS2061NW3	30	62	35.7	23.8	16	1	0.6	9	26.7	6
	AELS206-101NW3	1.0625									
	AELS206-102NW3	1.1250	2.4409	1.406	0.9370	0.6299	0.039	0.024	0.354	1.051	0.236
	AELS206-103NW3	1.1875									
	AELS206-104NW3	1.2500									
35 ¹ / ₄	AELS2071NW3	35	72	38.9	25.4	17	1.5	0.6	9.5	29.4	6.8
	AELS207-104NW3	1.2500									
	AELS207-105NW3	1.3125	2.8346	1.531	1.0000	0.6693	0.059	0.024	0.374	1.157	0.268
	AELS207-106NW3	1.3750									
	AELS207-107NW3	1.4375									
40 ¹ / ₂	AELS2081NW3	40	80	43.7	30.2	18	1.5	0.6	11	32.7	6.8
	AELS208-106NW3	1.5000									
	AELS208-108NW3	1.5625	3.1496	1.720	1.1890	0.7087	0.059	0.024	0.433	1.287	0.268
	AELS208-109NW3	1.5825									

E384

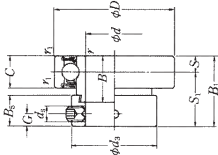
E385

Nominal dimensions					Basic load ratings		Mass	
mm inch					N lbf	dynamic C_1	static C_0	kg lb
d_3	D_1	a	b	B_3				
29	38.1	1.98	1.5	13.6	9 600	4 600	0.12	
	1.142	1.500	0.078	0.059	0.535	2 160	1 030	0.26
29	38.1	1.98	1.5	13.6	9 600	4 600	0.11	
	1.142	1.500	0.078	0.059	0.535	2 160	1 030	0.24
29	38.1	1.98	1.5	13.6	9 600	4 600	0.10	
	1.142	1.500	0.078	0.059	0.535	2 160	1 030	0.23
33	44.6	2.38	1.5	13.5	12 800	6 650	0.17	
	1.299	1.756	0.094	0.059	0.531	2 890	1 500	0.35
38	49.73	2.38	1.5	13.5	14 000	7 850	0.20	
							0.51	0.48
							0.45	0.42
							0.42	
44.5	59.61	3.18	2.05	15.9	19 500	11 300	0.31	
							0.74	0.73
	1.752	2.347	0.125	0.081	0.626	4 400	2 540	0.66
							0.61	0.61
55.5	68.81	3.18	2.05	17.5	25 700	15 300	0.49	
							1.15	1.10
	2.185	2.709	0.125	0.081	0.689	5 750	3 450	1.41
							1.04	1.34
60	76.81	3.18	2.05	18.3	29 100	17 600	0.66	
							1.41	1.41
	2.362	3.024	0.125	0.081	0.720	6 550	4 000	1.34

E385

JELS2

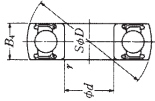
Ball bearings
Eccentric locking collar type



Shaft dia. mm inch	Bearing number	Nominal dimensions									
		d	D	B ₁	B	C	r	r ₁	S	S ₁	d _s
12 1/2	JELS201W3	12	40	28.6	19	13	0.6	0.4	6.5	22.1	4.8
	JELS201-008W3	0.5000	1.5748	1.126	0.7480	0.5118	0.024	0.016	0.256	0.870	0.189
	JELS201-008W3	1/8	M6x0.75								1/4-2BUNF
15 5/8	JELS202W3	15	40	28.6	19	13	0.6	0.4	6.5	22.1	4.8
	JELS202-009W3	0.5625									M6x0.75
	JELS202-010W3	0.6250	1.5748	1.126	0.7480	0.5118	0.024	0.016	0.256	0.870	0.189
17 7/8	JELS203W3	17	40	28.6	19	13	0.6	0.4	6.5	22.1	4.8
	JELS203-011W3	0.6675	1.5748	1.126	0.7480	0.5118	0.024	0.016	0.256	0.870	0.189
	JELS203-011W3	7/8	M6x0.75								1/4-2BUNF
20 3/4	JELS204W3	20	47	31	21.5	15	1	0.6	7.5	23.5	4.8
	JELS204-012W3	0.7500	1.8504	1.220	0.8465	0.5906	0.039	0.024	0.295	0.925	0.189
	JELS204-012W3	1.1875									1/4-2BUNF
25 1 1/8	JELS205W3	25	52	31	21.5	15	1	0.6	7.5	23.5	4.8
	JELS205-013W3	0.8125									M6x0.75
	JELS205-014W3	0.8750	2.0472	1.220	0.8465	0.5906	0.039	0.024	0.295	0.925	0.189
30 1 1/4	JELS206W3	30	62	35.7	23.8	18	1	1	9	26.7	6
	JELS206-101W3	1.0625									M8x1
	JELS206-102W3	1.1250	2.4409	1.406	0.9370	0.7087	0.039	0.039	0.354	1.051	0.236
35 1 3/8	JELS207W3	35	72	38.9	25.4	19	1.5	1.5	9.5	29.4	6.8
	JELS207-104W3	1.2500									M10x1.25
	JELS207-105W3	1.3125	2.8346	1.531	1.0000	0.7480	0.059	0.059	0.374	1.157	0.268
40 1 1/2	JELS208W3	40	80	43.7	30.2	22	1.5	1.5	11	32.7	6.8
	JELS208-106W3	1.5000	3.1496	1.720	1.1890	0.8661	0.059	0.059	0.433	1.287	0.268
	JELS208-106W3	1.5625									3/4-24UNF

CS2

Ball bearings



Shaft dia. mm	Bearing number	Nominal dimensions			Basic load ratings		Mass
		d	D	B _s mm inch	r min.	N lbf dynamic C _r	kg lb static C _{or}
10	CS2001LU	10 0.3937	30 1.1811	9 0.3543	0.6 0.024	5 100 1 150	2 390 540
12	CS2011LU	12 0.4724	32 1.2598	10 0.3937	0.6 0.024	6 100 1 370	2 750 615
15	CS2021LU	15 0.5906	35 1.3780	11 0.4331	0.6 0.024	7 750 1 740	3 600 805
17	CS2031LU	17 0.6593	40 1.5748	12 0.4724	0.6 0.024	8 600 2 160	4 600 1 030
20	CS2041LU	20 0.7874	47 1.8504	14 0.5512	1 0.039	12 800 2 890	6 650 1 500
25	CS2051LU	25 0.9843	52 2.0472	15 0.5906	1 0.039	14 000 3 150	7 650 1 770
30	CS2061LU	30 1.1811	62 2.4409	16 0.6299	1 0.039	19 500 4 400	11 300 2 540
35	CS2071LU	35 1.3780	72 2.8346	17 0.6693	1.5 0.059	25 700 5 750	15 300 3 450
40	CS2081LU	40 1.5748	80 3.1496	18 0.7087	1.5 0.059	29 100 6 550	17 800 4 000