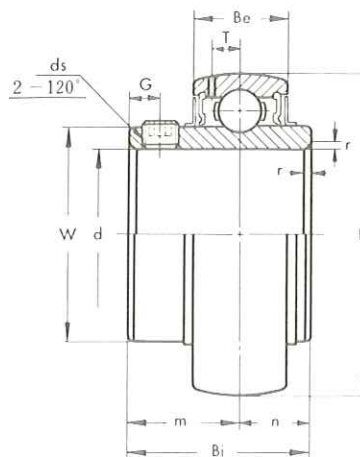


BALL BEARINGS

UC 200 type

Normal Duty
Set-screw Locking



《Metric series》

Bearing No.	Dimensions mm											Basic Load Rating kg		Weight kg
	d	D	Bi	Be	r	n	m	G	ds	T	W	Dynamic C	Static Co	
UC 201	12	47	31	17	1	12.7	18.3	4.5	M6×0.75	4.5	29	1310	630	0.21
UC 202	15	47	31	17	1	12.7	18.3	4.5	M6×0.75	4.5	29	1310	630	0.19
UC 203	17	47	31	17	1	12.7	18.3	4.5	M6×0.75	4.5	29	1310	630	0.18
UC 204	20	47	31	17	1.5	12.7	18.3	4.5	M6×0.75	4.5	29	1310	630	0.16
UC 205	25	52	34.1	17	1.5	14.3	19.8	5	M6×0.75	4.5	34	1430	710	0.19
UC 206	30	62	38.1	19	1.5	15.9	22.2	5	M6×0.75	5.1	40.5	2000	1020	0.31
UC 207	35	72	42.9	20	2	17.5	25.4	6	M8×1	5.8	48	2640	1400	0.48
UC 208	40	80	49.2	21	2	19	30.2	8	M8×1	6.2	53	2990	1600	0.62
UC 209	45	85	49.2	22	2	19	30.2	8	M8×1	6.5	57.3	3350	1810	0.67
UC 210	50	90	51.6	23	2	19	32.6	9	M10×1.25	6.5	63	3600	2010	0.78
UC 211	55	100	55.6	24	2.5	22.2	33.4	9	M10×1.25	7.3	70	4400	2550	1.03
UC 212	60	110	65.1	26	2.5	25.4	39.7	10	M10×1.25	7.7	77	5350	3150	1.45
UC 213	65	120	65.1	27	2.5	25.4	39.7	10	M10×1.25	8.3	82.1	5850	3500	1.71
UC 214	70	125	74.6	29	2.5	30.2	44.4	12	M12×1.5	8.7	87	6350	3800	2.06
UC 215	75	130	77.8	30	2.5	33.3	44.5	14	M12×1.5	9.2	91.5	6750	4200	2.22
UC 216	80	140	82.6	32	3	33.3	49.3	14	M12×1.5	9.6	98.5	7400	4550	2.82
UC 217	85	150	85.7	34	3	34.1	51.6	14	M12×1.5	10.5	105	8500	5500	3.38
UC 218	90	160	96	36	3	39.7	56.3	15	M12×1.5	11.1	111.5	9750	6300	4.34

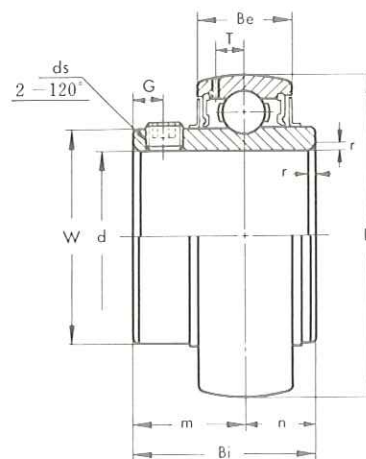
《Inch series》

Bearing No.	Dimensions in.											Basic Load Rating lb.		Weight lb.
	d	D	Bi	Be	r	n	m	G	ds(UNF)	T	W	Dynamic C	Static Co	
UC 201-8	1/2													0.46
* UC 202-9	9/16	1.8504	1.220	0.669	0.039	0.500	0.720	0.177	1/4-28	0.177	1.142	2890	1390	0.42
202-10	5/8													
* UC 203-11	11/16	1.8504	1.220	0.669	0.059	0.500	0.720	0.177	1/4-28	0.177	1.142	2890	1390	0.35
UC 204-12	3/4													
UC 205-14	7/8	2.0472	1.342	0.669	0.059	0.563	0.780	0.197	1/4-28	0.177	1.339	3150	1560	0.42
* 205-15	15/16													
205-16	1													
* UC 206-17	1 1/16	2.4409	1.500	0.748	0.059	0.626	0.874	0.197	1/4-28	0.201	1.594	4410	2250	0.68
206-18	1 1/8													
206-19	1 3/16													
UC 207-20	1 1/4	2.8346	1.689	0.787	0.079	0.689	1.000	0.236	5/16-24	0.228	1.890	5820	3090	1.06
207-21	1 5/16													
207-22	1 3/8													
* 207-23	1 7/16													
UC 208-24	1 1/2	3.1496	1.937	0.827	0.079	0.748	1.189	0.315	5/16-24	0.244	2.087	6590	3530	1.37
* 208-25	1 9/16													
UC 209-26	1 5/8	3.3465	1.937	0.866	0.079	0.748	1.189	0.315	5/16-24	0.256	2.256	7390	3990	1.48
209-27	1 11/16													
* 209-28	1 3/4													
UC 210-30	1 7/8	3.5433	2.031	0.906	0.079	0.748	1.283	0.354	3/8-24	0.256	2.480	7940	4430	1.72
* 210-31	1 15/16													
UC 211-32	2	3.9370	2.189	0.945	0.098	0.874	1.315	0.354	3/8-24	0.287	2.756	9700	5620	2.27
211-34	2 1/8													
* 211-35	2 3/16													
UC 212-36	2 1/4	4.3307	2.563	1.024	0.098	1.000	1.563	0.394	3/8-24	0.303	3.031	11800	6940	3.20
212-38	2 3/8													
212-39	2 7/16													
* UC 213-40	2 1/2													
UC 214-44	2 3/4	4.9213	2.937	1.142	0.098	1.189	1.748	0.472	7/16-20	0.343	3.425	14000	8380	4.54
* UC 215-48	3	5.1181	3.063	1.181	0.098	1.311	1.752	0.551	7/16-20	0.362	3.602	14900	9260	4.89
* UC 216-50	3 1/8	5.5118	3.252	1.260	0.118	1.311	1.941	0.551	7/16-20	0.378	3.878	16300	10000	6.22
* UC 217-52	3 1/4	5.9055	3.374	1.339	0.118	1.343	2.031	0.551	7/16-20	0.413	4.134	18700	12100	7.45
* UC 218-56	3 1/2	6.2992	3.780	1.417	0.118	1.563	2.217	0.591	1/2-20	0.437	4.390	21500	13900	9.57

BALL BEARINGS

* UCW 200 type

Normal Duty
Set-screw Locking



《Metric series》

Bearing No.	Dimensions mm											Basic Load Rating kg		Weight kg
	d	D	Bi	Be	r	n	m	G	ds	T	W	Dynamic C	Static Co	
UCW 201	12	40	26	15	1	10	16	4	M 5×0.8	4	24.7	750	455	0.12
UCW 202	15	40	26	15	1	10	16	4	M 5×0.8	4	24.7	750	455	0.11
UCW 203	17	40	26	15	1	10	16	4	M 5×0.8	4	24.7	750	455	0.10

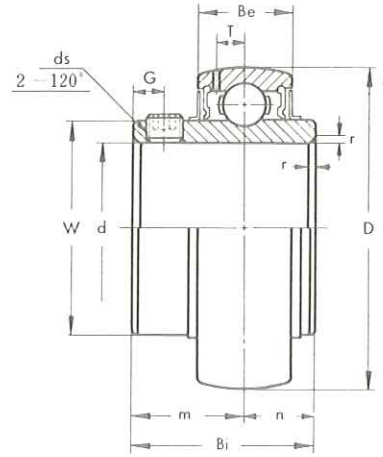
《Inch series》

Bearing No.	Dimensions in .											Basic Load Rating lb.		Weight lb.
	d	D	Bi	Be	r	n	m	G	ds (UNF)	T	W	Dynamic C	Static Co	
UCW 201-8	1/2	1.5748	1.024	0.591	0.039	0.394	0.630	0.157	10-32	0.157	0.972	1650	1000	0.26
UCW 202-9 202-10	9/16 5/8													0.24
UCW 203-11	11/16													0.22

BALL BEARINGS

UC X00 type

Medium Duty
Set-screw Locking



《Metric series》

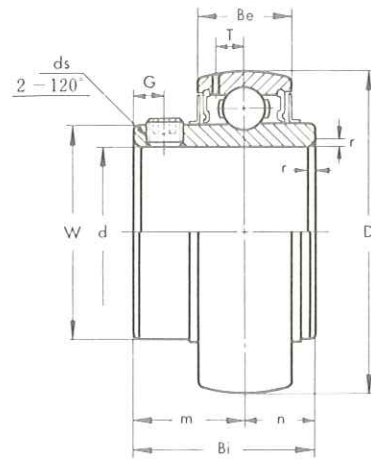
Bearing No.	Dimensions mm											Basic Load Rating kg		Weight kg
	d	D	Bi	Be	r	n	m	G	ds	T	W	Dynamic C	Static Co	
UC X05	25	62	38.1	19	1.5	15.9	22.2	5	M 6×0.75	5.1	40.5	2000	1020	0.37
UC X06	30	72	42.9	20	1.5	17.5	25.4	6	M 8×1	5.8	48	2640	1400	0.46
UC X07	35	80	49.2	21	2	19	30.2	8	M 8×1	6.2	53	2990	1600	0.74
UC X08	40	85	49.2	22	2	19	30.2	8	M 8×1	6.5	57.3	3350	1810	0.80
UC X09	45	90	51.6	23	2	19	32.6	9	M10×1.25	6.5	63	3600	2010	0.92
UC X10	50	100	55.6	24	2	22.2	33.4	9	M10×1.25	7.3	70	4400	2550	1.21
UC X11	55	110	65.1	26	2.5	25.4	39.7	10	M10×1.25	7.7	77	5350	3150	1.72
UC X12	60	120	65.1	27	2.5	25.4	39.7	10	M10×1.25	8.3	82.1	5850	3500	1.97
UC X13	65	125	74.6	29	2.5	30.2	44.4	12	M12×1.5	8.7	87	6350	3800	2.33
UC X14	70	130	77.8	30	2.5	33.3	44.5	12	M12×1.5	9.2	91.5	6750	4200	2.57
UC X15	75	140	82.6	32	2.5	33.3	49.3	12	M12×1.5	9.6	98.5	7400	4550	3.22
UC X16	80	150	85.7	34	3	34.1	51.6	12	M12×1.5	10.5	105	8500	5500	3.81
UC X17	85	160	96	36	3	39.7	56.3	12	M12×1.5	11.1	111.5	9750	6300	4.83
UC X18	90	170	104	38	3	42.9	61.1	14	M14×1.5	11.9	118	11100	7100	5.49
UC X20	100	190	117.5	42	3.5	49.2	68.3	16	M16×1.5	13	132.5	13700	9100	9.04

《Inch series》

Bearing No.	Dimensions in.											Basic Load Rating lb.		Weight lb.
	d	D	Bi	Be	r	n	m	G	ds(UNF)	T	W	Dynamic C	Static Co	
* UC X05-14 * X05-15 * X05-16	$\frac{7}{8}$ $\frac{15}{16}$ 1	2.4409	1.500	0.748	0.059	0.626	0.874	0.197	$\frac{1}{4}$ -28	0.201	1.594	4410	2250	0.82
* UC X06-18 * X06-19 * X06-20	$1\frac{1}{8}$ $1\frac{3}{16}$ $1\frac{1}{4}$	2.8346	1.689	0.787	0.059	0.689	1.000	0.236	$\frac{5}{16}$ -24	0.228	1.890	5820	3090	1.01
* UC X07-22 * X07-23	$1\frac{3}{8}$ $1\frac{7}{16}$	3.1496	1.937	0.827	0.079	0.748	1.189	0.315	$\frac{5}{16}$ -24	0.244	2.087	6590	3530	1.63
* UC X08-24	$1\frac{1}{2}$	3.3465	1.937	0.866	0.079	0.748	1.189	0.315	$\frac{5}{16}$ -24	0.256	2.256	7390	3990	1.76
* UC X09-26 * X09-27 * X09-28	$1\frac{5}{8}$ $1\frac{11}{16}$ $1\frac{3}{4}$	3.5433	2.031	0.906	0.079	0.748	1.283	0.354	$\frac{3}{8}$ -24	0.256	2.480	7940	4430	2.03
* UC X10-30 * X10-31 * X10-32	$1\frac{7}{8}$ $1\frac{15}{16}$ 2	3.9370	2.189	0.945	0.079	0.874	1.315	0.354	$\frac{3}{8}$ -24	0.287	2.746	9700	5620	2.67
* UC X11-34 * X11-35 * X11-36	$2\frac{1}{8}$ $2\frac{3}{16}$ $2\frac{1}{4}$	4.3307	2.563	1.024	0.098	1.000	1.563	0.394	$\frac{3}{8}$ -24	0.303	3.031	11800	6940	3.79
* UC X12-38 * X12-39	$2\frac{3}{8}$ $2\frac{7}{16}$	4.7244	2.563	1.063	0.098	1.000	1.563	0.394	$\frac{3}{8}$ -24	0.327	3.232	12900	7720	4.34
* UC X13-40	$2\frac{1}{2}$	4.9213	2.937	1.142	0.098	1.189	1.748	0.472	$\frac{7}{16}$ -20	0.343	3.425	14000	8380	5.14
* UC X14-43 * X14-44	$2\frac{11}{16}$ $2\frac{3}{4}$	5.1181	3.063	1.181	0.098	1.311	1.752	0.472	$\frac{7}{16}$ -20	0.362	3.602	14900	9260	5.66
* UC X15-47 * X15-48	$2\frac{13}{16}$ 3	5.5118	3.252	1.260	0.098	1.311	1.941	0.472	$\frac{7}{16}$ -20	0.378	3.878	16300	10000	7.10
* UC X16-51	$3\frac{3}{16}$	5.9055	3.374	1.339	0.118	1.343	2.031	0.472	$\frac{7}{16}$ -20	0.413	4.134	18700	12100	8.40
* UC X17-52 * X17-55	$3\frac{1}{4}$ $3\frac{7}{16}$	6.2992	3.780	1.417	0.118	1.563	2.217	0.472	$\frac{1}{2}$ -20	0.437	4.390	21500	13900	10.65
* UC X18-56	$3\frac{1}{2}$	6.6929	4.094	1.496	0.118	1.689	2.406	0.551	$\frac{9}{16}$ -18	0.469	4.646	24500	15700	12.10
* UC X20-63 * X20-64	$3\frac{13}{16}$ 4	7.4803	4.626	1.654	0.138	1.937	2.689	0.630	$\frac{5}{8}$ -18	0.512	5.217	30200	20100	19.92

UC 300 type

Heavy Duty
Set-screw Locking



《Metric series》

Bearing No.	Dimensions mm											Basic Load Rating kg		Weight kg
	d	D	B _i	B _e	r	n	m	G	d _s	T	W	Dynamic C	Static C ₀	
UC 305	25	62	38	21	2	15	23	6	M 6×0.75	6.1	36.9	2170	1090	0.44
UC 306	30	72	43	23	2	17	26	6	M 6×0.75	6.7	45	2730	1420	0.56
UC 307	35	80	48	25	2.5	19	29	8	M 8×1	7.4	50.5	3400	1820	0.71
UC 308	40	90	52	27	2.5	19	33	10	M10×1.25	8.2	56	4150	2270	1.00
UC 309	45	100	57	30	2.5	22	35	10	M10×1.25	9	63	5250	3050	1.28
UC 310	50	110	61	32	3	22	39	12	M12×1.5	10	70.5	6300	3650	1.65
UC 311	55	120	66	34	3	25	41	12	M12×1.5	10.7	76.5	7300	4250	2.07
UC 312	60	130	71	36	3.5	26	45	12	M12×1.5	11.5	82.5	8300	4900	2.59
UC 313	65	140	75	38	3.5	30	45	12	M12×1.5	12.2	88.5	9450	5650	3.15
UC 314	70	150	78	40	3.5	33	45	12	M12×1.5	13	95.2	10600	6450	3.83
UC 315	75	160	82	42	3.5	32	50	14	M14×1.5	13.8	101.5	11600	7200	4.59
UC 316	80	170	86	44	3.5	34	52	14	M14×1.5	14.5	108	12500	8150	5.40
UC 317	85	180	96	46	4	40	56	16	M16×1.5	15	114.5	13500	9100	6.58
UC 318	90	190	96	48	4	40	56	16	M16×1.5	15.9	121	14600	10100	7.34
UC 319	95	200	103	50	4	41	62	16	M16×1.5	16.7	127.5	15600	11100	8.70
UC 320	100	215	108	54	4	42	66	18	M18×1.5	18	135.5	17700	13300	10.80
UC 321	105	225	112	56	4	44	68	18	M18×1.5	19	142	18700	14500	12.20
UC 322	110	240	117	60	4	46	71	18	M18×1.5	21	152	20900	17000	14.30
UC 324	120	260	126	64	4	51	75	18	M18×1.5	22	165	21100	17000	18.50
UC 326	130	280	135	68	5	54	81	20	M20×1.5	23	178	23400	19600	23.00
UC 328	140	300	145	73	5	59	86	20	M20×1.5	25	191.5	26000	22400	28.50

*《Inch series》

Bearing No.	Dimensions in.											Basic Load Rating lb.		Weight lb.
	d	D	B _i	B _e	r	n	m	G	d _s (UNF)	T	W	Dynamic C	Static C ₀	
UC 305-14 305-16	$\frac{7}{8}$ 1	2.4409	1.496	0.827	0.079	0.591	0.906	0.236	$\frac{1}{4}$ -28	0.240	1.453	4780	2400	0.97
UC 306-18	$1\frac{1}{8}$	2.8346	1.693	0.906	0.079	0.669	1.024	0.236	$\frac{1}{4}$ -28	0.264	1.772	6020	3130	1.23
UC 307-20 307-22	$1\frac{1}{4}$ $1\frac{3}{8}$	3.1496	1.890	0.984	0.098	0.748	1.142	0.315	$\frac{5}{16}$ -24	0.291	1.988	7500	4010	1.56
UC 308-24	$1\frac{1}{2}$	3.5433	2.047	1.063	0.098	0.748	1.299	0.394	$\frac{3}{8}$ -24	0.323	2.205	9150	5000	2.20
UC 309-26 309-28	$1\frac{5}{8}$ $1\frac{3}{4}$	3.9370	2.244	1.181	0.098	0.866	1.378	0.394	$\frac{3}{8}$ -24	0.354	2.480	11570	6720	2.82
UC 310-30	$1\frac{7}{8}$	4.3307	2.402	1.260	0.118	0.866	1.535	0.472	$\frac{7}{16}$ -20	0.394	2.776	13900	8050	3.64
UC 311-32 311-34	2 $2\frac{1}{8}$	4.7244	2.598	1.339	0.118	0.984	1.614	0.472	$\frac{7}{16}$ -20	0.421	3.012	16100	9370	4.56
UC 312-36 312-38	$2\frac{1}{4}$ $2\frac{3}{8}$	5.1181	2.795	1.417	0.138	1.024	1.772	0.472	$\frac{1}{2}$ -20	0.453	3.248	18300	10800	5.71
UC 313-40	$2\frac{1}{2}$	5.5118	2.953	1.496	0.138	1.181	1.772	0.472	$\frac{1}{2}$ -20	0.480	3.484	20800	12500	6.94
UC 314-44	$2\frac{3}{4}$	5.9055	3.071	1.575	0.138	1.299	1.772	0.472	$\frac{1}{2}$ -20	0.512	3.748	23400	14200	8.44
UC 315-48	3	6.2992	3.228	1.654	0.138	1.260	1.969	0.551	$\frac{9}{16}$ -18	0.543	3.996	25600	15900	10.12
UC 316-50	$3\frac{1}{8}$	6.6929	3.386	1.732	0.138	1.339	2.047	0.551	$\frac{9}{16}$ -18	0.571	4.252	27600	18000	11.90
UC 317-52	$3\frac{1}{4}$	7.0866	3.780	1.811	0.157	1.575	2.205	0.630	$\frac{5}{8}$ -18	0.591	4.508	29800	20100	14.50
UC 318-56	$3\frac{1}{2}$	7.4803	3.780	1.890	0.157	1.575	2.205	0.630	$\frac{5}{8}$ -18	0.626	4.764	32200	22300	16.18
UC 319-60	$3\frac{3}{4}$	7.8740	4.055	1.969	0.157	1.614	2.441	0.630	$\frac{5}{8}$ -18	0.657	5.020	34400	24500	19.17
UC 320-64	4	8.4646	4.252	2.126	0.157	1.654	2.598	0.709	$\frac{3}{4}$ -16	0.709	5.335	39000	29300	23.80