



ENCORETM

B E A R I N G S



UC-SERIES

Mounted Bearing | Ball Bearing

Encore offers you the full range of standard series ball bearing housed units with a popular set screw locking mechanism in metric and imperial sizes :



UCP PILLOW BLOCK UNITS

12 mm to 90 mm (½ in. to 3 ½ in.)



UCF FOUR - BOLT FLANGED UNITS

12 mm to 90 mm (½ in. to 3 ½ in.)



UCFL TWO - BOLT FLANGED UNITS

12 mm to 90 mm (½ in. to 3 ½ in.)



UCFC PILOTED ROUND FLANGED UNITS

12 mm to 90 mm (½ in. to 3 ½ in.)



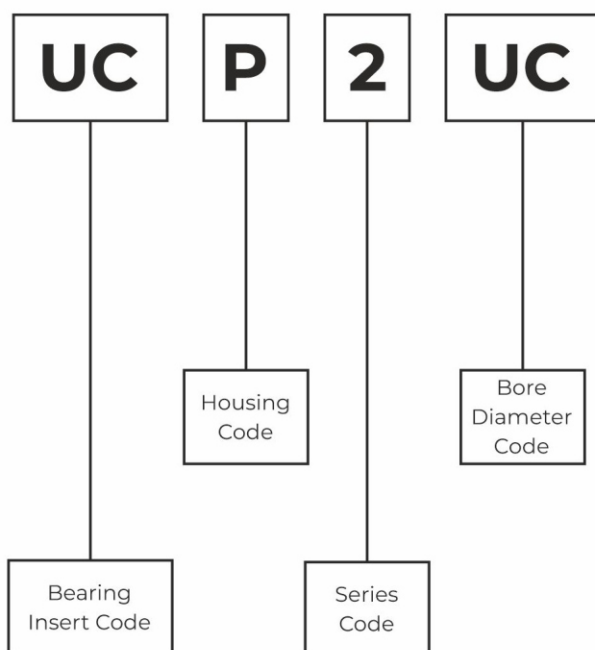
UCT TAKE - UP UNITS

12 mm to 85 mm (½ in. to 3 ¼ in.)



UC WIDE INNER RING BALL BEARINGS

12 mm to 90 mm (½ in. to 3 ½ in.)



CONFIGURATIONS TO MEET YOUR NEEDS

BALL HOUSED UNITS

Standard Series - wide inner ring, set screw locking mechanism

HOUSING TYPES

Pillow block, two-bolt flange, four-bolt flange, piloted round flange and take-up.

METRIC BORE SIZES

12 mm - 90 mm

INCH BORE SIZES

½ in. - 3½ in

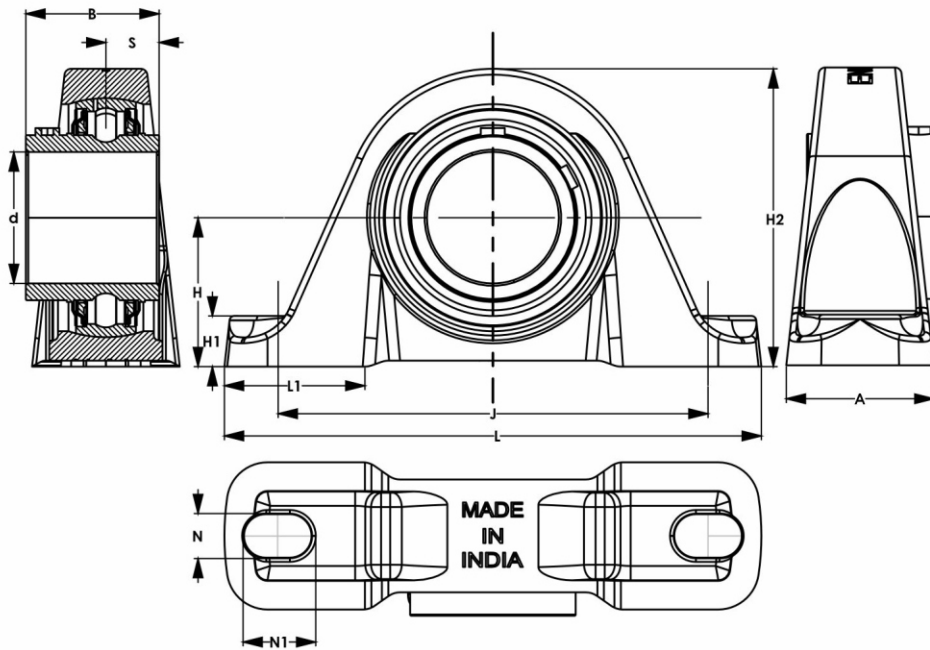
BEARING INSERT CODE	HOUSING CODE	SERIES CODE	BORE DIAMETER CODE METRIC
UC Cylindrical bore, spherical outer diameter, set screw locking mechanism	P Pillow block unit F Four-bolt flanged unit FL Two-bolt flanged unit T Take-up unit FC Piloted round flanged unit	2 Standard industrial series	01 02 03 04 or higher Nominal bore diameter = 12 mm Nominal bore diameter = 15 mm Nominal bore diameter = 17 mm Bore diameter (mm) = bore diameter code x5 Example : UCF201 = 12 mm bore (Four-bolt flanged unit) UCP2011 = 55 mm bore (Pillow block unit)
			BORE DIAMETER CODE IMPERIAL
			-8 or higher Nominal bore diameter = bore diameter code / 16 Example : UCF201-8 = 8/16 in. or ½ in. bore (Four-bolt flanged unit) UCP205-16 = 16/16 in. or 1 in. bore (Pillow block unit)

UCP INDUSTRIAL SERIES

- UCP pillow blocks are suggested for industrial applications where normal loads are encountered.
- Compact, one-piece housing with two-bolt mounting can be installed in any position and makes bearing replacement easy.
- These units use wide inner ring ball bearings with self-aligning spherical outside diameters that compensate for shaft misalignment.
- Bearing prelubricated and ready for immediate installation.
- Grease fitting supplied for relubrication.
- The bonded seal design is well-suited for applications involving wet or dirty environments.
- Bolt-hole spacing and base to center height dimensions are interchangeable with competitive units.

Pillow block Designation	Shaft Dia. d		Basic Load Ratings		Dimensions											Bolt Size
			Dynamic	Static												
			Cr	Cor	H	L	L1	A	H1	J	H2	S	B	N	N1	
	mm	in.	kN lbs.	kN lbs.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
UCP201	12		12.8 2878	6.65 1495	30.2	127	34.5	38	16	95	60	12.7	31	13	18	M10 3/8
UCP201-8		1/2														
UCP202	15															
UCP202-10		5/8														
UCP203	17		12.8 2878	6.65 1495	33.3	127	34.5	38	16	95	64.3	12.7	31	13	18	M10 3/8
UCP204-12		3/4														
UCP204	20															
UCP205-14		7/8														
UCP205-15		15/16	14.0 3147	7.85 1765	36.5	140	37.5	38	16	105	70	14.3	34.1	13	18	M10 3/8
UCP205	25															
UCP205-16		1														
UCP206-18		1 1/8														
UCP206	30		19.5 4384	11.3 2540	42.9	165	47.5	48	17	121	84	15.9	38.1	17	21	M14 1/2
UCP206-19		1 3/16														
UCP207-20		1 1/4														
UCP207-21		1 5/16														
UCP207-22		1 3/8	25.7 5778	15.4 3462	47.6	167	46.5	48	18	127	94.6	17.5	42.9	17	21	M14 1/2
UCP207	35															
UCP207-23		1 7/16														
UCP208-24		1 1/2														
UCP208-25		1 9/16	29.1 6542	17.8 4002	49.2	184	53	54	18	137	98	19	49.2	17	21	M14 1/2
UCP208	40															
UCP209-26		1 5/8														
UCP209-27		1 11/16														
UCP209-28		1 3/4	34.0 7666	21.3 4788	54	190	55	54	20	146	106	19.2	49.2	17	21	M14 1/2
UCP209	45															

* All bearing dimension are for heavy-duty series.



Pillow block Designation	Shaft Dia. d		Basic Load Ratings		Dimensions											Bolt Size
			Dynamic	Static												
			Cr	Cor	H	L	L1	A	H1	J	H2	S	B	N	N1	
	mm	in.	kN lbs.	kN lbs.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	
UCP210-30		1 7⁄8	35.1 7891	23.3 5238	57.2	206	60	60	21	159	113	19	51.6	20	22	M16 5⁄8
UCP210-31		1 15⁄16														
UCP210	50															
UCP211-32		2	43.4 9757	29.4 6609	63.5	219	64.5	60	23	171	125	22.2	55.6	20	22	M16 5⁄8
UCP211-34		2 3⁄8														
UCP211-35		2 3⁄16														
UCP211	55		52.4 11780	36.2 8138	69.8	241	72.5	70	25	184	138	25.4	65.1	20	25	M16 5⁄8
UCP212-36		2 3⁄4														
UCP212	60															
UCP212-38		2 3⁄8	57.2 12859	40.1 9015	76.2	265	78	70	27	203	150	25.4	65.1	35	30	M20 3⁄4
UCP212-39		2 7⁄16														
UCP213-40		2 1⁄2														
UCP213	65		62.2 13983	44.1 9914	79.4	266	75	72	27	210	156	30.2	74.6	25	30	M20 3⁄4
UCP214-44		2 3⁄4														
UCP214	70															
UCP215-47		2 15⁄16	67.4 15152	48.3 10858	82.6	275	77.5	74	28	217	162	33.3	77.8	25	30	M20 3⁄4
UCP215	75															
UCP215-48		3														
UCP216-50		3 3⁄8	72.7 16344	53.0 11915	88.9	292	83	78	30	232	174	33.3	82.6	25	35	M20 3⁄4
UCP216	80															
UCP217-52		3 3⁄4														
UCP217	85		84.0 18884	61.9 13916	95.2	310	87	83	32	247	185	34.1	85.7	25	40	M20 3⁄4
UCP218-56		3 1⁄2														
UCP218	90															
			96.1 21604	71.5 16074	101.6	327	94	88	33	262	198	39.7	96	27	45	M22 7⁄8

* All bearing dimension are for heavy-duty series.

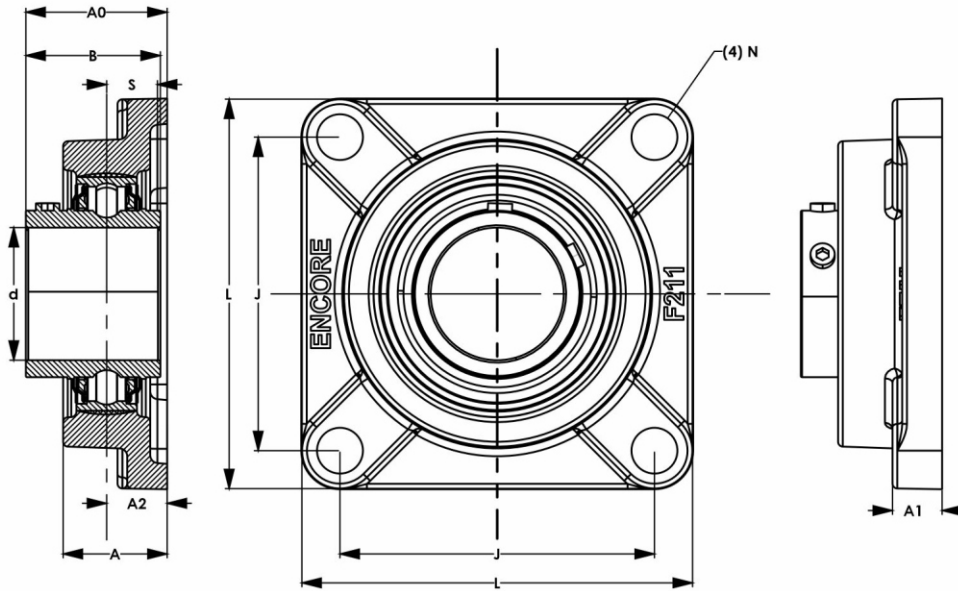


UCF INDUSTRIAL SERIES

- UCF four-bolt flanged units are suggested for industrial applications where normal loads are encountered.
- Each unit comes assembled and ready for mounting, using bolts through the flange.
- These units use wide inner ring ball bearings with self-aligning spherical outside diameters that compensate for shaft misalignment.
- Bolt-hole spacing dimensions and shaft center location are interchangeable with competitive units.
- Encore Bearings UCF-series set screw flanged units feature the Encore's UC bearing insert.
- Bearing prelubricated and ready for immediate installation.
- Grease fitting supplied for relubrication.
- The bonded seal design is well-suited for applications involving wet or dirty environment.
- Housing designed for ease of bearing replacement.

Four-bolt Flange Designation	Shaft Dia. d		Basic Load Ratings		Dimensions									Bolt Size
			Dynamic	Static										
			Cr	Cor	L	J	Al	A	A0	S	B	A2	N	
	mm	in.	kN lbs.	kN lbs.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
UCF201	12		12.8 2878	6.65 1495	86	64	11	25.5	33.3	12.7	31	15	12	M10 3/8
UCF201-8		1/2												
UCF202	15													
UCF202-10		5/8												
UCF203	17													
UCF204-12		3/4												
UCF204	20		14.0 3147	7.85 1765	95	70	13	27	35.8	14.3	34.1	16	12	M10 3/8
UCF205-14		7/8												
UCF205-15		15/16												
UCF205	25													
UCF205-16		1	19.5 4384	11.3 2540	108	83	13	31	40.2	15.9	38.1	18	12	M10 3/8
UCF206-18		1 1/8												
UCF206	30													
UCF206-19		1 3/16	25.7 5778	15.4 3462	117	92	15	34	44.4	17.5	42.9	19	14	M12 7/16
UCF207-20		1 1/4												
UCF207-21		1 1/16												
UCF207-22		1 3/8												
UCF207	35													
UCF207-23		1 7/16	29.1 6542	17.8 4002	130	102	15	36	51.2	19	49.2	21	16	M14 1/2
UCF208-24		1 1/2												
UCF208-25		1 9/16												
UCF208	40		34.0 7666	21.3 4788	137	105	16	38	52.2	19	49.2	22	16	M14 1/2
UCF209-26		1 5/8												
UCF209-27		1 11/16												
UCF209-28		1 3/4												
UCF209	45													

* All bearing dimension are for heavy-duty series.



Four-bolt Flange Designation	Shaft Dia. d		Basic Load Ratings		Dimensions									Bolt Size
			Dynamic	Static										
			Cr	Cor	L	J	A1	A	A0	S	B	A2	N	
	mm	in.	kN lbs.	kN lbs.	mm	mm	mm	mm	mm	mm	mm	mm	mm	
UCF210-30		1 7⁄8	35.1 7891	23.3 5238	143	111	16	40	54.6	19	51.6	22	16	M14 ½
UCF210-31		1 15⁄16												
UCF210	50													
UCF211-32		2	43.4 9757	29.4 6609	162	130	18	43	58.4	22.2	55.6	25	19	M16 5⁄8
UCF211-34		2 3⁄8												
UCF211-35		2 3⁄16												
UCF211	55		52.4 11780	36.2 8138	175	143	18	48	68.7	25.4	65.1	29	19	M16 5⁄8
UCF212-36		2 3⁄4												
UCF212	60													
UCF212-38		2 3⁄8	57.2 12859	40.1 9015	187	149	22	50	69.7	25.4	65.1	30	19	M16 5⁄8
UCF212-39		2 7⁄16												
UCF213-40		2 1⁄2												
UCF213	65		62.2 13983	44.1 9914	193	152	22	54	75.4	30.2	74.6	31	19	M16 5⁄8
UCF214-44		2 3⁄4												
UCF214	70													
UCF215-47		2 15⁄16	67.4 15152	48.3 10858	200	159	22	56	78.5	33.3	77.8	34	19	M16 5⁄8
UCF215	75													
UCF215-48		3												
UCF216-50		3 3⁄8	72.7 16344	53.0 11915	208	165	22	58	83.3	33.3	82.6	34	23	M20 3⁄4
UCF216	80													
UCF217-52		3 3⁄4												
UCF217	85		84.0 18884	61.9 13916	220	175	24	63	87.6	34.1	85.7	36	23	M20 3⁄4
UCF218-56		3 1⁄2												
UCF218	90													
			96.1 21604	71.5 16074	235	187	25	68	96.3	39.7	96	40	23	M20 3⁄4

* All bearing dimension are for heavy-duty series.

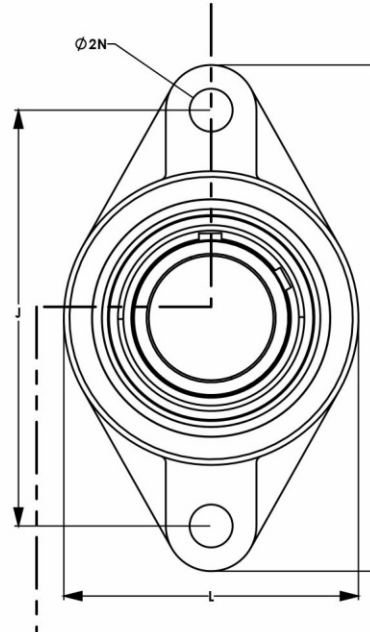
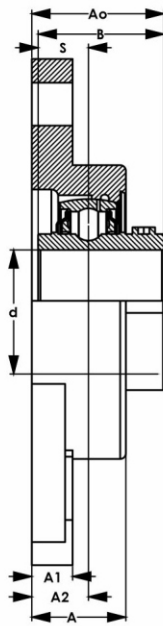


UCFL INDUSTRIAL SERIES

- UCFL two-bolt flanged units are suggested for industrial applications where normal loads are encountered.
- This series is primarily designed for applications where the mounting area is restricted.
- Each unit comes assembled and ready for mounting, using bolts through the flange.
- These units use wide inner ring ball bearings with self-aligning spherical outside diameters that compensate for shaft misalignment.
- Bolt-hole spacing dimensions and shaft center locations are interchangeable with competitive units.
- Encore Bearings UCFL-series set screw flanged units feature the Encore's UC bearing insert.
- Bearing prelubricated and ready for immediate installation.
- Grease fitting supplied for relubrication.
- The bonded seal design is well-suited for applications involving wet or dirty environments.
- Housing designed for ease of bearing replacement.

Two-Bolt Flange Designation	Shaft Dia. d		Basic Load Ratings		Dimensions										Bolt Size
			Dynamic	Static											
			Cr	Cor	H	J	A1	A	A0	L	A2	S	B	N	
	mm	in.	kN lbs.	kN lbs.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
UCFL201	12		12.8 2878	6.65 1495	113	90	11	25.5	33.3	60	15	12.7	31	12	M10 3/8
UCFL201-8		1/2													
UCFL202	15														
UCFL202-10		5/8													
UCFL203	17														
UCFL204-12		3/4													
UCFL204	20		14.0 3147	7.85 1765	130	99	13	27	35.8	68	16	14.3	34.1	16	M14 1/2
UCFL205-14		7/8													
UCFL205-15		15/16													
UCFL205	25														
UCFL205-16		1	19.5 4384	11.3 2540	148	117	13	31	40.2	80	18	15.9	38.1	16	M14 1/2
UCFL206-18		1 1/8													
UCFL206	30														
UCFL206-19		1 3/16													
UCFL207-20		1 1/4	25.7 5778	15.4 3462	161	130	14	34	44.4	90	19	17.5	42.9	16	M14 1/2
UCFL207-21		1 5/16													
UCFL207-22		1 3/8													
UCFL207	35														
UCFL207-23		1 7/16	29.1 6542	17.8 4002	175	144	14	36	51.2	100	21	19	49.2	16	M14 1/2
UCFL208-24		1 1/2													
UCFL208-25		1 9/16													
UCFL208	40														
UCFL209-26		1 5/8	34.0 7666	21.3 4788	188	148	15	38	52.2	108	22	19	49.2	19	M16 5/8
UCFL209-27		1 11/16													
UCFL209-28		1 3/4													
UCFL209	45														

* All bearing dimension are for heavy-duty series.



Two-Bolt Flange Designation	Shaft Dia. d		Basic Load Ratings		Dimensions										Bolt Size
			Dynamic	Static											
			Cr	Cor	H	J	A1	A	A0	L	A2	S	B	N	
	mm	in.	kN lbs.	kN lbs.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
UCFL210-30		1 7⁄8	35.1 7891	23.3 5238	197	157	15	40	54.6	115	22	19	51.6	19	M16 5⁄8
UCFL210-31		1 15⁄16													
UCFL210	50														
UCFL211-32		2	43.4 9757	29.4 6609	224	184	18	43	58.4	130	25	22.2	55.6	19	M16 5⁄8
UCFL211-34		2 3⁄8													
UCFL211-35	55														
UCFL211		2 3⁄16	52.4 11780	36.2 8138	250	202	18	48	68.7	140	29	25.4	65.1	23	M20 3⁄4
UCFL212-36		2 1⁄4													
UCFL212	60														
UCFL212-38		2 3⁄8	57.2 12859	40.1 9015	258	210	20	50	69.7	155	30	25.4	65.1	23	M20 3⁄4
UCFL212-39		2 7⁄16													
UCFL213-40		2 1⁄2													
UCFL213	65		62.2 13983	44.1 9914	265	216	20	54	75.4	160	31	30.2	74.6	23	M20 3⁄4
UCFL214-44		2 3⁄4													
UCFL214	70														
UCFL215-47		2 15⁄16	67.4 15152	48.3 10858	275	225	20	56	78.5	165	34	33.3	77.8	23	M20 3⁄4
UCFL215	75														
UCFL215-48		3													
UCFL216-50		3 1⁄8	72.7 16344	53.0 11915	290	233	20	58	83.3	180	34	33.3	82.6	25	M22 7⁄8
UCFL216	80														
UCFL217-52		3 1⁄4													
UCFL217	85		84.0 18884	61.9 13916	305	248	22	63	87.6	190	36	34.1	85.7	25	M22 7⁄8
UCFL218-56		3 1⁄2													
UCFL218	90														
			96.1 21604	71.5 16074	320	265	23	68	96.3	205	40	39.7	96	25	M22 7⁄8

* All bearing dimension are for heavy-duty series.

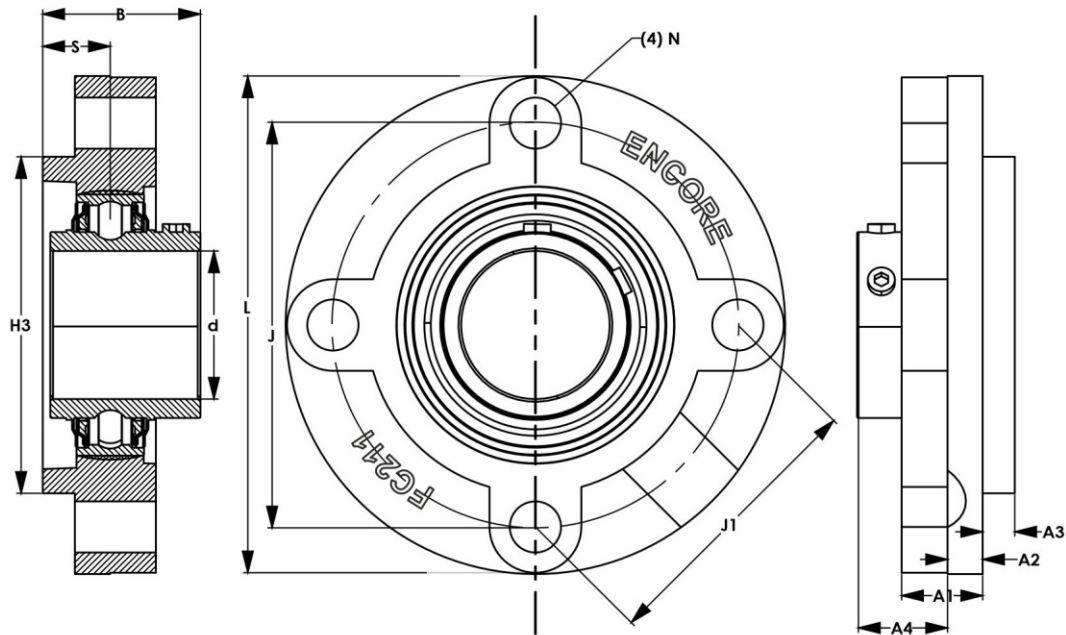


UCFC INDUSTRIAL SERIES

- UCFC piloted round flanged units ensure accurate mounting fits and provide better support for heavy loads.
- Each unit comes assembled and ready for mounting, using bolts through the flange.
- These units use wide inner ring ball bearings with self-aligning spherical outside diameters that compensate for shaft misalignment.
- Bolt-hole spacing dimensions and shaft center location are interchangeable with competitive units.
- Encore Bearings UCFC-series set screw flanged units feature the Encore's UC bearing insert.
- Bearing prelubricated and ready for immediate installation.
- Grease fitting supplied for relubrication.
- The bonded seal design is well-suited for industrial applications involving wet or dirty environments.
- Housing designed for ease of bearing replacement.

Round Flange Cartridge Designation	Shaft Dia. d		Basic Load Ratings		Dimensions											Bolt Size
			Dynamic	Static												
			Cr	Cor	L	J	J1	A1	A2	A3	A4	H3	S	B	N	
	mm	in.	kN lbs.	kN lbs.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
UCFC201	12		12.8 2878	6.65 1495	100	78	55.1	20.5	10	5	28.3	62	12.7	31	12	M10 3/8
UCFC201-8		1/2														
UCFC202	15															
UCFC202-10		5/8														
UCFC203	17															
UCFC204-12		3/4														
UCFC204	20		14.0 3147	7.85 1765	115	90	63.6	21	10	6	29.8	70	14.3	34.1	12	M10 3/8
UCFC205-14		7/8														
UCFC205-15		15/16														
UCFC205	25															
UCFC205-16		1	19.5 4384	11.3 2540	125	100	70.7	23	10	8	32.2	80	15.9	38.1	12	M10 3/8
UCFC206-18		1 1/8														
UCFC206	30															
UCFC206-19		1 3/16														
UCFC207-20		1 1/4	25.7 5778	15.4 3462	135	110	77.8	26	11	8	36.4	90	17.5	42.9	14	M12 7/16
UCFC207-21		1 5/16														
UCFC207-22		1 3/8														
UCFC207	35															
UCFC207-23		1 7/16	29.1 6542	17.8 4002	145	120	84.8	26	11	10	41.2	100	19	49.2	14	M12 7/16
UCFC208-24		1 1/2														
UCFC208-25		1 9/16														
UCFC208	40															
UCFC209-26		1 5/8	34.0 7666	21.3 4788	160	132	93.3	26	10	12	40.2	105	19	49.2	16	M14 1/2
UCFC209-27		1 11/16														
UCFC209-28		1 3/4														
UCFC209	45															

* All bearing dimension are for heavy-duty series.



Round Flange Cartridge Designation	Shaft Dia. d		Basic Load Ratings		Dimensions											Bolt Size
			Dynamic	Static												
			Cr	Cor	L	J	J1	A1	A2	A3	A4	H3	S	B	N	
	mm	in.	kN lbs.	kN lbs.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
UCFC210-30		1 7⁄8	35.1 7891	23.3 5238	165	138	97.6	28	10	12	42.6	110	19	51.6	16	M14 ½
UCFC210-31		1 15⁄16														
UCFC210	50															
UCFC211-32		2	43.4 9757	29.4 6609	185	150	106.1	31	13	12	46.4	125	22.2	55.6	19	M16 5⁄8
UCFC211-34		2 3⁄8														
UCFC211-35	55															
UCFC211		2 3⁄16	52.4 11780	36.2 8138	195	160	113.1	36	17	12	56.7	135	25.4	65.1	19	M16 5⁄8
UCFC212-36		2 3⁄4														
UCFC212	60															
UCFC212-38		2 3⁄8	57.2 12859	40.1 9015	205	170	120.2	36	16	14	55.7	145	25.4	65.1	19	M16 5⁄8
UCFC212-39		2 7⁄16														
UCFC213-40		2 1⁄2														
UCFC213	65		62.2 13983	44.1 9914	215	177	125.1	40	17	14	61.4	150	30.2	74.6	19	M16 5⁄8
UCFC214-44		2 3⁄4														
UCFC214	70															
UCFC215-47		2 15⁄16	67.4 15152	48.3 10858	220	184	130.1	40	18	16	62.5	160	33.3	77.8	19	M16 5⁄8
UCFC215	75															
UCFC215-48		3														
UCFC216-50		3 1⁄8	72.7 16344	53.0 11915	240	200	141.4	42	18	16	67.3	170	33.3	82.6	23	M20 ¾
UCFC216	80															
UCFC217-52		3 1⁄4														
UCFC217	85		84.0 18884	61.9 13916	250	208	147.1	45	18	18	69.6	180	34.1	85.7	23	M20 ¾
UCFC218-56		3 1⁄2														
UCFC218	90															
			96.1 21604	71.5 16074	265	220	155.5	50	22	18	78.3	190	39.7	96	23	M20 ¾

* All bearing dimension are for heavy-duty series.

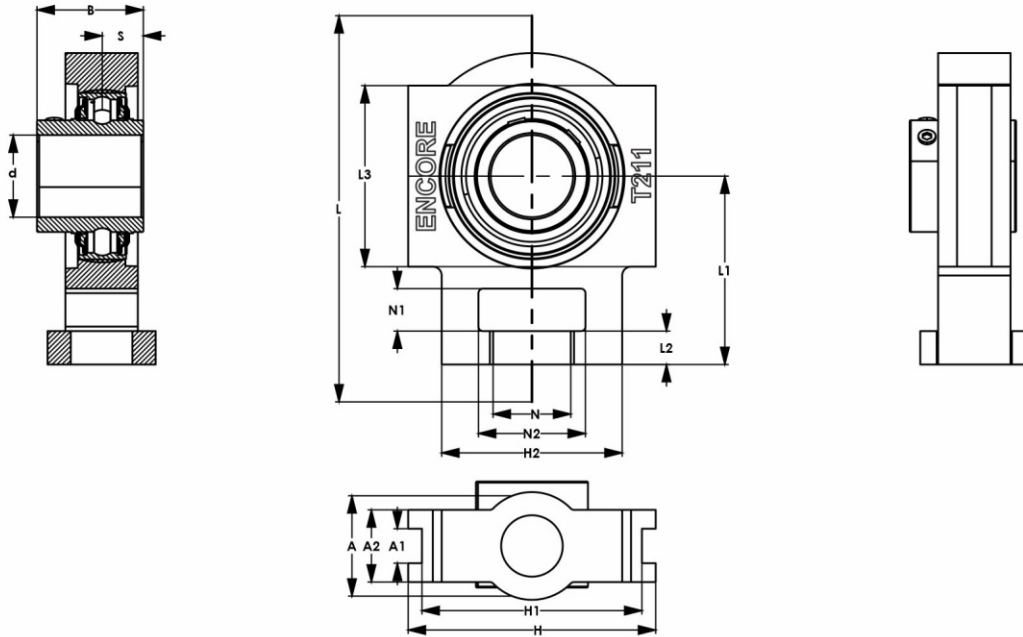


UCT INDUSTRIAL SERIES

- UCT take-up units are used where shaft adjustment and belt-tightening devices are required, such as in conveyor applications.
- These units provide compact, efficient supports for adjustable shafts and conveyor take-up pulleys.
- Each unit comes assembled and ready for mounting.
- These units use wide inner ring ball bearings with self-aligning spherical outside diameters that compensate for shaft misalignment.
- Bolt-hole spacing dimensions and shaft center location are interchangeable with competitive units.
- Encore Bearings UCT-series take-up units feature the Encore's UC bearing insert.
- Bearing prelubricated and ready for immediate installation.
- Grease fitting supplied for relubrication.
- The bonded seal design is well-suited for industrial applications involving wet or dirty environments.
- Housing designed for ease of bearing replacement.

Round Flange Cartridge Designation	Shaft Dia. d		Basic Load Ratings		Dimensions														
			Dynamic	Static															
			Cr	Cor	H	H1	L2	L1	A2	A	N	L	H2	S	B	L3	N1	N2	A1
	mm	in.	kN lbs.	kN lbs.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
UCT201	12		12.8 2878	6.65 1495	89	76	10	61	21	32	19	94	51	12.7	31	51	16	32	12
UCT201-8		1/2																	
UCT202	15																		
UCT202-10		5/8																	
UCT203	17																		
UCT204-12		3/4																	
UCT204	20		14.0 3147	7.85 1765	89	76	10	62	24	32	19	97	51	14.3	34.1	51	16	32	12
UCT205-14		7/8																	
UCT205-15		15/16																	
UCT205	25																		
UCT205-16		1	19.5 4384	11.3 2540	102	89	10	70	28	37	22	113	56	15.9	38.1	57	16	37	12
UCT206-18		1 1/8																	
UCT206	30																		
UCT206-19		1 3/16																	
UCT207-20		1 1/4	25.7 5778	15.4 3462	102	89	13	78	30	37	22	129	64	17.5	42.9	64	16	37	12
UCT207-21		1 5/16																	
UCT207-22		1 3/8																	
UCT207	35																		
UCT207-23		1 7/16	29.1 6542	17.8 4002	114	102	16	88	33	49	29	144	83	19	49.2	83	19	49	16
UCT208-24		1 1/2																	
UCT208-25		1 9/16																	
UCT208	40																		
UCT209-26		1 5/8	34.0 7666	21.3 4788	117	102	16	87	35	49	29	144	83	19	49.2	83	19	49	16
UCT209-27		1 11/16																	
UCT209-28		1 3/4																	
UCT209	45																		

* All bearing dimension are for heavy-duty series.



Take-Up Unit Designation	Shaft Dia. d		Basic Load Ratings		Dimensions														
			Dynamic	Static															
			Cr	Cor	H	H1	L2	L1	A2	A	N	L	H2	S	B	L3	N1	N2	A1
	mm	in.	kN lbs.	kN lbs.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
UCT210-30		1 7/8	35.1 7891	23.3 5238	117	102	16	90	37	49	29	149	83	19	51.6	86	19	49	16
UCT210-31		1 5/16																	
UCT210	50																		
UCT211-32		2	43.4 9757	29.4 6609	146	130	19	106	38	64	35	171	102	22.2	55.6	95	25	64	22
UCT211-34		2 3/8																	
UCT211-35	55																		
UCT211		2 3/16	52.4 11780	36.2 8138	146	130	19	119	42	64	35	194	102	25.4	65.1	102	32	64	22
UCT212-36		2 1/4																	
UCT212	60																		
UCT212-38		2 3/8	57.2 12859	40.1 9015	167	151	21	137	44	70	41	224	111	25.4	65.1	121	32	70	26
UCT212-39		2 7/16																	
UCT213-40		2 1/2																	
UCT213	65		62.2 13983	44.1 9914	167	151	21	137	46	70	41	224	111	30.2	74.6	121	32	70	26
UCT214-44		2 3/4																	
UCT214	70																		
UCT215-47		2 15/16	67.4 15152	48.3 10858	167	151	21	140	48	70	41	232	111	33.3	77.8	121	32	70	26
UCT215	75																		
UCT215-48		3																	
UCT216-50		3 1/8	72.7 16344	53.0 11915	184	165	21	140	51	70	41	235	111	33.3	82.6	121	32	70	26
UCT216	80																		
UCT217-52		3 1/4																	
UCT217	85		84.0 18884	61.9 13916	198	173	29	162	54	73	48	260	124	34.1	85.7	157	38	73	30

* All bearing dimension are for heavy-duty series.

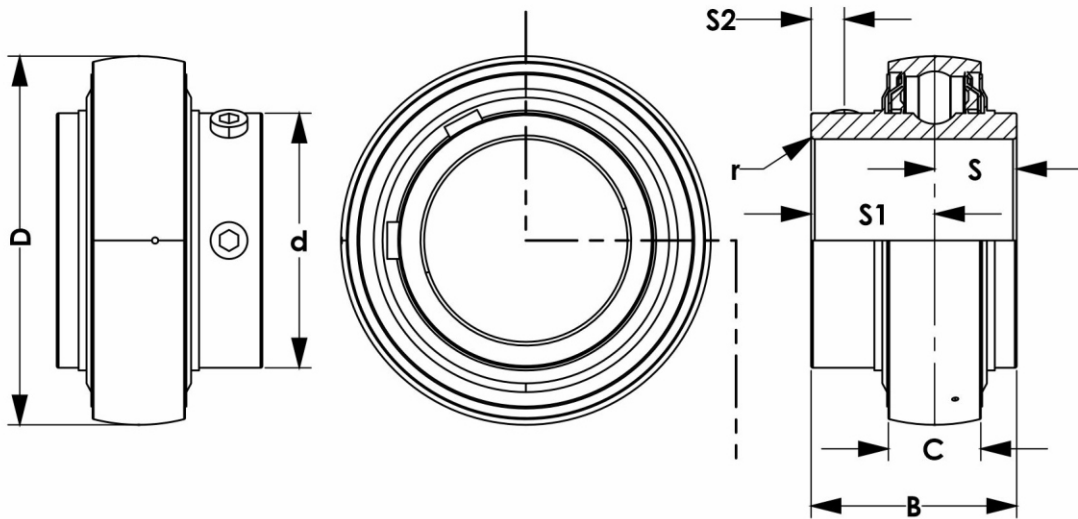


UC INDUSTRIAL SERIES

- The UC wide inner ring ball bearing uses a popular set screw locking mechanism and is suggested for industrial applications where normal loads are encountered.
- The set screw mounting feature is ideal for reversing load applications.
- Bearing prelubricated and ready for immediate installation.
- The wide inner ring provides effective shaft support for a broad range of industrial applications. The positive contact of the land-riding bonded nitrile seal helps protect against harmful contaminations and retains lubricant under severe operating conditions.
- An external steel flinger provides additional protection from contamination.
- The UC-series features superfinished raceways, grade-10 balls for smooth running and low noise operation.
- UC-series wide inner ring ball bearings have spherical outside diameters for use in housings with corresponding spherical inside surfaces to compensate for shaft misalignment.

Bearing Designation	Shaft Dia. d		Basic Load Ratings		Dimensions							Min. Fillet Radius	Set Screw Size										
			Dynamic	Static																			
			Cr	Cor	D	C	B	S2	C1	S	S1			r (min.)	G								
	mm	in.	kN lbs.	kN lbs.	mm	mm	mm	mm	mm	mm	mm	mm	mm / in										
UC201	12		12.8 2878	6.65 1495	47	16	31	5	3.9	12.7	18.3	1.6	M6 x 0.75										
UC201-8		1/2											1/4-28UNF										
UC202	15												M6 x 0.75										
UC202-10		5/8											1/4-28UNF										
UC203	17		12.8 2878	6.65 1495	47	16	31	5	3.9	12.7	18.3	1	M6 x 0.75										
UC204-12		3/4											1/4-28UNF										
UC204	20												M6 x 0.75										
UC205-14		7/8											1/4-28UNF										
UC205	25		14.0 3147	7.85 1765	52	17	34.1	5.5	4.5	14.3	19.8	1	M6 x 0.75										
UC205-15		15/16											1/4-28UNF										
UC205-16		1											1/4-28UNF										
UC206-18		1 1/8											1/4-28UNF										
UC206	30		19.5 4384	11.3 2540	62	19	38.1	6	5	15.9	22.2	1	M6 x 0.75										
UC206-19		1 3/16											1/4-28UNF										
UC207-20		1 1/4											25.7 5778	15.4 3462	72	20	42.9	6.5	5.7	17.5	25.4	1.1	5/16 -24UNF
UC207-21		1 5/16																					5/16 -24UNF
UC207-22		1 3/8	5/16 -24UNF																				
UC207	35		M8 x 1																				
UC207-23		1 7/16	5/16 -28UNF																				
UC208-24		1 1/2	29.1 6542	17.8 4002	80	21	49.2	8	5.9	19	30.2	1.1	5/16 -24UNF										
UC208-25		1 9/16											5/16 -24UNF										
UC208	40												M8 x 1										
UC209-26		1 5/8											34.1 7666	21.3 4788	85	22	49.2	8	6	19	30.2	1.1	5/16 -24UNF
UC209-27		1 11/16	5/16 -24UNF																				
UC209-28		1 3/4	5/16 -24UNF																				
UC209	45		M8 x 1																				

* All bearing dimension are for heavy-duty series.



Bearing Designation	Shaft Dia. d		Basic Load Ratings		Dimensions							Min. Fillet Radius r (min.)	Set Screw Size G
			Dynamic	Static									
			Cr	Cor	D	C	B	S2	C1	S	S1		
	mm	in.	kN lbs.	kN lbs.	mm	mm	mm	mm	mm	mm	mm	mm	mm / in
UC210-30		1 7/8	35.1 7891	23.3 5238	90	24	51.6	9	6	19	32.6	1.1	3/8-24UNF
UC210-31		1 5/16											3/8-24UNF
UC210	50												M10 x 1.25
UC211-32		2	43.4 9757	29.4 6609	100	25	55.6	9	7	22.2	33.4	1.5	3/8-24UNF
UC211-34		2 1/8											3/8-24UNF
UC211-35		2 3/16											M10 x 1.25
UC211	55		52.4 11780	36.2 8138	110	27	65.1	10.5	7.4	25.4	39.7	1.5	3/8-24UNF
UC212-36		2 1/4											M10 x 1.25
UC212	60												3/8-24UNF
UC212-38		2 3/8	57.2 12859	40.1 9015	120	28	65.1	12	7.5	25.4	39.7	1.5	3/8-24UNF
UC212-39		2 7/16											3/8-24UNF
UC213-40		2 1/2											1/2-20UNF
UC213	65		62.2 13983	44.1 9914	125	30	74.6	12	9	30.2	44.4	1.5	M12 x 1.5
UC214-44		2 3/4											1/2-20UNF
UC214	70												M12 x 1.5
UC215-47		2 15/16	67.4 15152	48.3 10858	130	32	77.8	12	9	33.3	44.5	1.5	1/2-20UNF
UC215	75												M12 x 1.5
UC215-48		3											1/2-20UNF
UC216-50		3 1/8	72.7 16344	53 11915	140	33	82.6	14	8.9	33.3	49.3	2	1/2-20UNF
UC216	80												M12 x 1.5
UC217-52		3 1/4											1/2-20UNF
UC217	85		84 18884	61.7 13916	150	35	85.7	14	9.8	34.1	51.6	2	M12 x 1.5
UC218-56		3 1/2											1/2-20UNF
UC218	90												M12 x 1.5

* All bearing dimension are for heavy-duty series.



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