

### UCFL 200 INDUSTRIAL SET SCREW LOCKING SERIES CAST-IRON TWO-BOLT FLANGED HOUSED UNITS

- 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.
- Timken UCFL series housed units feature the Timken set screw locking (UC) bearing insert.
- Bearing prelubricated and ready for immediate installation.
- Grease fitting supplied for relubrication<sup>(1)</sup>.
- The bonded seal design is well-suited for applications involving wet or dirty environments.
- Bolt-hole spacing dimensions and shaft center location are interchangeable with competitive units.
- Housing designed for ease of bearing replacement.

Shaft Dia. d		Two-Bolt Flange Designation	Bearing Designation	Basic Load Ratings		Dimensions										Bolt Size	Wt.
				Dynamic C <sub>r</sub>	Static C <sub>0r</sub>	H	J	A <sub>1</sub>	A	A <sub>0</sub>	L	A <sub>2</sub>	S	B	N		
mm	in.			kN lbs	kN lbs	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	kg lbs
12		UCFL201	UC201	12.8 2878	6.7 1495	113 4 7⁄16	90 3 35⁄64	11 7⁄16	25.5 1	33.3 1 5⁄16	60 2 3⁄8	15 19⁄32	12.7 0.500	31.0 1.220	12 1 1⁄2	M10 3⁄8	0.5 1.1
	1⁄2	UCFL201-8	UC201-8														
15		UCFL202	UC202														
	5⁄8	UCFL202-10	UC202-10														
17		UCFL203	UC203														
	3⁄4	UCFL204-12	UC204-12	14.0 3147	7.9 1765	130 5 1⁄8	99 3 57⁄64	13 1⁄2	27 1 1⁄16	35.8 1 13⁄32	68 2 11⁄16	16 5⁄8	14.3 0.563	34.1 1.343	16 5⁄8	M14 1⁄2	0.6 1.3
20		UCFL204	UC204														
	7⁄8	UCFL205-14	UC205-14														
	15⁄16	UCFL205-15	UC205-15														
25		UCFL205	UC205														
	1	UCFL205-16	UC205-16	19.5 4385	11.3 2540	148 5 13⁄16	117 4 39⁄64	13 1⁄2	31 1 1⁄32	40.2 1 37⁄64	80 3 1⁄2	18 45⁄64	15.9 0.626	38.1 1.500	16 5⁄8	M14 1⁄2	1.0 2.2
	1 1⁄8	UCFL206-18	UC206-18														
30		UCFL206	UC206														
	1 3⁄16	UCFL206-19	UC206-19														
	1 1⁄4	UCFL206-20	UC206-20														
	1 1⁄4	UCFL207-20	UC207-20	25.7 5778	15.4 3462	161 6 11⁄32	130 5 1⁄8	14 9⁄16	34 1 11⁄32	44.4 1 3⁄4	90 3 11⁄32	19 3⁄4	17.5 0.689	42.9 1.689	16 5⁄8	M14 1⁄2	1.2 2.6
	1 1⁄16	UCFL207-21	UC207-21														
	1 3⁄8	UCFL207-22	UC207-22														
35		UCFL207	UC207														
	1 7⁄16	UCFL207-23	UC207-23														
	1 1⁄2	UCFL208-24	UC208-24	29.1 6542	17.8 4002	175 6 7⁄8	144 5 43⁄64	14 9⁄16	36 1 13⁄32	51.2 2 1⁄64	100 3 15⁄16	21 53⁄64	19.0 0.748	49.2 1.937	16 5⁄8	M14 1⁄2	1.6 3.5
	1 9⁄16	UCFL208-25	UC208-25														
40		UCFL208	UC208														
	1 5⁄8	UCFL209-26	UC209-26														
	1 11⁄16	UCFL209-27	UC209-27														
	1 3⁄4	UCFL209-28	UC209-28	34.1 7666	21.3 4788	188 7 13⁄32	148 5 53⁄64	15 19⁄32	38 1 1⁄2	52.2 2 1⁄16	108 4 1⁄4	22 55⁄64	19.0 0.748	49.2 1.937	19 3⁄4	M16 5⁄8	1.9 4.2
45		UCFL209	UC209														

<sup>(1)</sup> For bore sizes up to and including 210, a 1/4-28 tapered thread fitting is used. For bore sizes greater than 211, a 1/2 BSPT fitting is used.

Continued on next page.