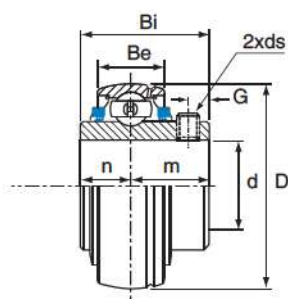


Inserts

UC 200 Inserts



UC 200 Inserts with Set Screws (Normal Duty)

Bearing Unit	Shaft Dia.		D	Bi	Be	n	m	G	ds		Load Rating (kg)		Mass kg
	d inch	d mm							inch	mm	Dynamic	Static	
UC 204		20	47	31.0	17	12.7	18.3	4.8					0.16
UC 204-12	3/4"								1/4"-28UNF	M6X1.0	1000	630	0.16
UC 205		25	52	34.0	17	14.3	19.7	5.5					0.20
UC 205-16	1"								1/4"-28UNF	M6X1.0	1100	710	0.20
UC 206		30	62	38.1	19	15.9	22.2	6.0					0.32
UC 206-20	1.1/4"								1/4"-28UNF	M6X1.0	1520	1020	0.32
UC 207		35	72	42.9	20	17.5	25.4	6.5					0.48
UC 207-20	1.1/4"								5/16"-24UNF	M8X1.0	2010	1390	0.54
UC 207-22	1.3/8"								5/16"-24UNF	M8X1.0			0.48
UC 208		40	80	49.2	21	19.0	30.2	8.0					0.64
UC 208-24	1.1/2"								5/16"-24UNF	M8X1.0	2560	1810	0.68
UC 209		45	85	49.2	22	19.0	30.2	8.0					0.68
UC 209-28	1.3/4"								5/16"-24UNF	M8X1.0	2560	1810	0.70
UC 210		50	90	51.6	24	19.0	32.6	10.0					0.82
UC 210-32	2"								3/8"-24UNF	M10X1.0	2750	2020	0.80
UC 211		55	100	55.6	25	22.2	33.4	10.0					1.11
UC 211-32	2"								3/8"-24UNF	M10X1.0	3400	2550	1.26
UC 212		60	110	65.1	27	25.4	39.7	10.0					1.54
UC 212-36	2.1/4"								3/8"-24UNF	M10X1.0	4100	3150	1.67
UC 213		65	120	65.1	28	25.4	39.7	10.0					1.86
UC 213-40	2.1/2"								3/8"-24UNF	M10X1.0	4480	3470	1.94
UC 214		70	125	74.6	30	30.2	44.4	12.0					2.05
UC 214-44	2.3/4"								7/16"-20UNF	M12X1.5	4870	3810	2.06
UC 215		75	130	77.8	30	33.3	44.5	12.0					2.12
UC 215-48	3"								7/16"-20UNF	M12X1.5	5190	4190	2.21
UC 216		80	140	82.6	33	33.3	49.3	14.0					2.79
UC 216-56	3.1/2"								1/2"-20UNF	M12X1.5	5700	4550	2.79
UC 218-56			160	96.0	37	39.7	56.3	14.0			7500	6170	4.46

Bearing Speeds

The maximum rotational speed of a grease lubricated ball bearing is related to the fit between shaft and bearing.

Under normal operating conditions the fit between the bearing and shaft should be h7. The maximum permissible bearing speeds are shown on the right.

A looser fit, allowing lower speeds is recommended for lighter loads and a tighter fit allowing higher speeds is recommended for heavier loads

Bearing No.	Max Speed rev/min	Bearing No.	Max Speed rev/min
201	4500	210	1800
202	4500	211	1600
203	4500	212	1500
204	4000	213	1400
205	3400	214	1300
206	2800	215	1200
207	2400	216	1100
208	2200	217	1000
209	1900	218	950

- Working temperatures -30°C to +120°C

- Grease nipple thread sizes:

201 - 209 M6
210 - 215 M8
216 - 218 M10