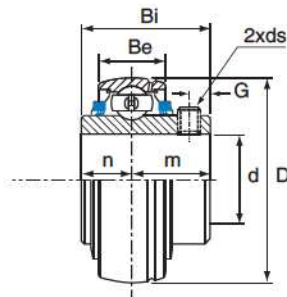


Inserts

UCX 00 Inserts



UCX 00 Inserts with Set Screws (Medium 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	
UCX05	1"	25	62	38.1	19	15.9	22.2	6	1/4"-28UNF	M6X1.0	1520	1020	0.39
UCX05-16		30	72	42.9	20	17.5	25.4	6.5		M8X1.0	2010	1390	0.58
UCX06	1.1/4"	35	80	49.2	21	19.0	30.2	8.0	5/16"-24UNF	M8X1.0	2560	1810	0.72
UCX06-20		40	85	49.2	22	19.0	30.2	8.0		M8X1.0	2650	1910	0.83
UCX07	1.1/4"	45	90	51.6	24	19.0	32.6	10.0	3/8"-24UNF	M10X1.0	2750	2020	0.95
UCX07-20		50	100	55.6	25	22.2	33.4	10.0		M10X1.0	3400	2550	1.29
UCX07-22	1.3/8"	55	110	65.1	27	25.4	39.7	10.0	3/8"-24UNF	M10X1.0	4100	3150	1.80
UCX08	1.1/2"	60	120	65.1	28	25.4	39.7	10.0		M10X1.0	4480	3470	2.05
UCX08-24		65	125	74.6	30	30.2	44.4	12.0	7/16"-20UNF	M12X1.5	4870	3810	2.52
UCX09	1.3/4"	70	130	77.8	30	33.3	44.5	12.0		M12X1.5	5190	4190	2.74
UCX09-28		75	140	82.6	32	33.3	49.3	14.0	7/16"-20UNF	M12X1.5	5700	4550	3.41
UCX10	2"	80	150	91.4	33	34.9	50.8	15.0		M14X1.5	6300	5000	3.75
UCX10-32		85	155	96.5	34	36.5	54.0	16.0	7/8"-20UNF	M16X1.5	7000	5500	4.25
UCX11	2.1/4"	90	160	101.6	35	38.1	57.1	17.0		M18X1.5	7700	6000	4.75
UCX11-36		95	165	106.7	36	39.7	60.3	18.0	7/8"-20UNF	M18X1.5	8400	6500	5.25
UCX12	2.3/8"	100	170	111.8	37	41.3	63.5	19.0		M20X1.5	9100	7000	5.75
UCX12-38		105	175	116.9	38	42.9	66.7	20.0	7/8"-20UNF	M20X1.5	9800	7500	6.25
UCX13	2.1/2"	110	180	121.9	39	44.5	70.0	21.0		M22X1.5	10500	8000	6.75
UCX13-40		115	185	127.0	40	46.1	73.2	22.0	7/8"-20UNF	M22X1.5	11200	8500	7.25
UCX14	2.3/4"	120	190	132.1	41	47.7	76.4	23.0		M24X1.5	11900	9000	7.75
UCX14-44		125	195	137.2	42	49.3	79.6	24.0	7/8"-20UNF	M24X1.5	12600	9500	8.25
UCX15	3"	130	200	142.3	43	50.8	82.8	25.0		M26X1.5	13300	10000	8.75
UCX15-48		135	205	147.4	44	52.4	86.0	26.0		M26X1.5	14000	10500	9.25

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