

Load Rating Data

These tables show bearing load ratings at various rpm, based on 500 hours minimum life — 2,500 hours average life.

Light, Normal and Medium duty types

AMI Bearing #					Radial Load Rating at Various RPM														rpm	Radial load rating in kilograms (pounds)
UC 200 UK 200	UC X00 UK X00	B	UG 200	KH 200	33-1/3	50	100	250	500	750	1000	1200	1500	2000	2400	3600	5000			
(UCW 200) (201-203)	-	1-3	201-203	1-3	975 (2150)	850 (1880)	675 (1490)	500 (1100)	395 (870)	345 (760)	315 (690)	295 (650)	275 (605)	250 (550)	235 (515)	205 (450)	185 (405)			
201-204	-	4	204	204	1310 (2890)	1150 (2520)	910 (2000)	670 (1480)	530 (1170)	645 (1020)	420 (930)	395 (875)	370 (810)	335 (740)	315 (695)	275 (605)	245 (545)			
205	-	5	205	205	1430 (3150)	1250 (2750)	990 (2190)	730 (1610)	580 (1280)	505 (1120)	460 (1020)	435 (955)	400 (885)	365 (805)	345 (760)	300 (660)	270 (595)			
206	X05	6	206	206	2000 (4410)	1750 (3850)	1390 (3060)	1020 (2250)	810 (1790)	710 (1560)	645 (1420)	605 (1340)	560 (1240)	510 (1130)	480 (1060)	420 (925)	375 (830)			
207	X06	7	207	207	2640 (5820)	2310 (5090)	1830 (4040)	1350 (2970)	1070 (2360)	935 (2060)	850 (1870)	800 (1760)	740 (1640)	675 (1490)	635 (1400)	555 (1200)				
208	X07	-	208	208	2990 (6590)	2610 (5760)	2070 (4570)	1530 (3370)	1210 (2670)	1060 (2340)	960 (2120)	905 (2000)	840 (1850)	765 (1680)	720 (1590)	630 (1380)				
209	X08	-	209	209	3350 (7390)	2930 (6450)	2320 (5120)	1710 (3770)	1360 (3000)	1190 (2620)	1080 (2380)	1010 (2240)	940 (2080)	855 (1890)	805 (1780)	705 (1550)				
210	X09	-	210	210	3600 (7940)	3150 (6930)	2500 (5500)	1840 (4060)	1460 (3220)	1280 (2810)	1160 (2550)	1090 (2400)	1010 (2230)	920 (2030)	865 (1910)	755 (1670)				
211	X10	-	-	211	4400 (9700)	3840 (8480)	3050 (6730)	2250 (4960)	1780 (3930)	1560 (3440)	1420 (3120)	1330 (2940)	1240 (2730)	1120 (2080)	1060 (2330)					
212	X11	-	-	-	5350 (11800)	4670 (10300)	3710 (8180)	2730 (6030)	2170 (4780)	1900 (4180)	1720 (3800)	1620 (3570)	1500 (3320)	1370 (3010)	1290 (2840)					
213	X12	-	-	-	5850 (12900)	5110 (11300)	4060 (8940)	2990 (6590)	2370 (5230)	2070 (4570)	1880 (4150)	1770 (3910)	1650 (3630)	1490 (3300)	1410 (3100)					
214	X13	-	-	-	6350 (14000)	5550 (12200)	4400 (9710)	3240 (7150)	2580 (5680)	2250 (4960)	2040 (4510)	1920 (4240)	1790 (3940)	1620 (3580)	1530 (3370)					
215	X14	-	-	-	6750 (14900)	5900 (13000)	4680 (10300)	3450 (7600)	2740 (6040)	2390 (5270)	2170 (4790)	2040 (4510)	1900 (4180)	1720 (3800)	1620 (3580)					
216	X15	-	-	-	7400 (16300)	6460 (14300)	5130 (11300)	3780 (8340)	3000 (6620)	2620 (5780)	2380 (5250)	2240 (4940)	2080 (4590)	1890 (4170)						
217	X16	-	-	-	8500 (18700)	7430 (16400)	5890 (13000)	4340 (9570)	3450 (7600)	3010 (6640)	2740 (6030)	2570 (5680)	2390 (5270)	2170 (4790)						
218	X17	-	-	-	9750 (21500)	8520 (18800)	6760 (14900)	4980 (11000)	3950 (8720)	3450 (7620)	3140 (6920)	2950 (6510)	2740 (6040)	2490 (5490)						
-	X18	-	-	-	11100 (24500)	9700 (21400)	7700 (17000)	5670 (12500)	4500 (9920)	3930 (8670)	3570 (7880)	3360 (7410)	3120 (6880)							
-	X20	-	-	-	13700 (30200)	12000 (26400)	9500 (20900)	7000 (15400)	5560 (12200)	4850 (10700)	4410 (9720)	4150 (9149)	3860 (8490)							

Note: Radial load rating of SER 200 series is same as UC 200 series.