



Deep groove ball Bearings



Deep groove ball bearings are manufactured in a varied range, both of standard design and various constructive versions. These bearings can take double direction radial and axial loads allowing for good operation at high speed.

HTB produces a wide variety of deep groove ball bearings. Single row bearings without filling slot (Conrad type) are most popular. UST also manufactures with filling slot on customer requests.

Product Highlights

Fast, quiet, robust bearings

Quiet running

Quality performance in demanding applications

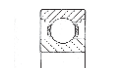
Optimized internal geometry

Large product assortment

Deep Groove Ball Bearings

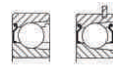
Filling Slot Type

This design incorporates a greater number of balls as compared to without filling slot. The most common design are described (fig 2)



Deep groove ball bearing single row

Figure 1



Deep groove ball bearing with filling slots (Max type)

Figure 2

Variations

HTB Manufacturers with a wide variety of seal & agree based on customers application.

Standard bearings run well unit 0°C to 100°C. For higher temperature applications UST offers special material seals that can withstand higher temperature and special grease from KLUBER based on the temperature conditions.

SUFFIXES

- | | |
|---|--|
| A - bearing with extended outer ring | RSA - bearing with special seal |
| B - bearing with extended inner ring | 2RS - bearing with 2 seals, friction on the inner ring recess |
| C2 - radial clearance smaller than normal | RSR - |
| C3 - radial clearance larger than normal | 2RSR - bearing with 2 seals, friction on the rib of the inner ring |
| FA - machined cage of steel or cast iron guided in the outer ring | S0 - bearing which can operate up to a temperature of +150°C |
| F2 - constructive modifications | S1 - bearing which can operate up to a temperature of +200°C |
| K - bearing with tapered bore | SP - snap ring, diameter series 0, 2, 3, 4 |
| M - machined cage of brass guided on the rolling elements | SR - snap ring, diameter series 18 and 19 |
| MA - machined cage of brass guided in the outer ring
machined cage of brass guided in the inner ring | T30 - |
| N - circular groove for snap ring on the outer ring | TN - polyamide cage |
| NR - circular groove on the outer ring and snap ring | V - bearing without cage |
| P0 - normal tolerance class (it is not marked) | Z - bearing with shield and recess on the inner ring |
| P6 - tolerance class more accurate than normal | ZZ - bearing with 2 shield and recess on the inner ring |
| P63- tolerance class P6 and radial clearance C3 | ZNRB bearing with shield and snap ring on the same side |
| P5 - tolerance class more accurate than P6 | ZR - bearing with shield, without recess on the inner ring |
| P4 - tolerance class more accurate than P5 | ZZR - bearing with 2 shields, without recess on the inner ring |
| R - rib on the outer ring | |
| RS - | |

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Internal Clearance

HTB produces with normal radial clearance as standard based on demands even other customers can be manufactured. The values for single row deep groove ball bearings are shown in Table 1 as below.

Radial internal clearance of deep groove ball bearings

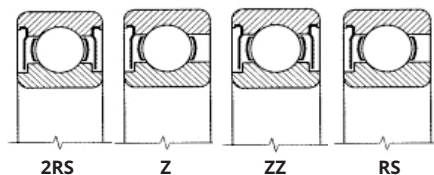
Bore Diameter	Radial Internal Clearance										
	Incl.	C2		Normal		C3		C4		C5	
d		min	max	min	max	min	max	min	max	min	max
over (mm)	mm	micron									
2.5	10	0	7	2	13	8	23	14	29	20	37
10	18	0	9	3	18	11	25	18	33	25	45
18	24	0	10	5	20	13	28	20	36	28	48
24	30	1	11	5	20	13	28	23	41	30	53
30	40	1	11	6	20	15	33	28	46	40	64
40	50	1	11	6	23	18	36	30	51	45	73
50	65	1	15	8	28	23	43	38	61	55	90
65	80	1	15	10	30	25	51	46	71	65	105
80	100	1	18	12	36	30	58	53	84	75	120
100	120	2	20	15	41	36	66	61	97	90	140
120	140	2	23	18	48	41	81	71	114	105	160
140	160	2	23	18	53	46	91	81	130	120	180
160	180	2	25	20	61	53	102	91	147	135	200
180	200	2	30	25	71	63	117	107	163	150	230
200	225	4	32	28	82	73	132	120	187	175	255
225	250	4	36	31	92	87	152	140	217	205	290
250	280	4	39	36	97	97	162	152	237	255	320
280	315	8	45	42	110	110	180	175	260	260	360

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Radial internal clearance of deep groove ball bearings

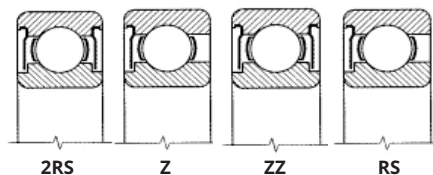
Bore Diameter	Radial Internal Clearance										
		C2		Normal		C3		C4		C5	
d	Incl.	min	max	min	max	min	max	min	max	min	max
over (mm)	mm	micron									
315	355	8	50	50	120	120	200	200	290	290	405
355	400	8	60	60	140	140	230	230	330	330	460
400	450	10	70	70	160	160	260	260	370	370	520
450	500	10	80	80	180	180	290	290	410	410	570
500	560	20	90	90	200	200	320	320	460	460	630
560	630	20	100	100	220	220	350	350	510	510	700
630	710	30	120	120	250	250	390	390	560	560	780
710	800	30	130	130	280	280	440	440	620	620	860
800	900	30	150	150	310	310	490	490	690	690	960
900	1000	40	160	160	340	340	540	540	760	760	1040
1000	1120	40	170	170	370	370	590	590	840	840	1120

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Bearing Designation	Principal Dimensions			Basic Load Ratings		Fatigue Load Limit	Speed ratings Lubrication		Mass
	d	D	B	Dynamic	Static		Grease	Oil	
mm				C (kN)	CO (kN)	Pu (kN)	rpm		kg
608	8	22	7	3.3	1.4	0.1	36000	43000	0.012
609	9	24	7	3.7	1.7	0.1	32000	38000	0.014
618/8	8	16	4	1.3	0.6	0.0	40000	480000	0.003
618/9	9	17	4	1.4	0.6	0.3	38000	45000	0.003
629	9	26	8	4.6	2.0	0.1	28000	34000	0.020
6000	10	26	8	4.6	2.0	0.1	30000	36000	0.019
6001	12	28	8	5.1	2.4	0.1	26000	32000	0.022
6002	15	32	9	5.6	2.9	0.1	22000	28000	0.030
6003	17	35	10	6.1	3.3	0.1	19000	24000	0.039
6004	20	42	12	9.4	5.0	0.2	17000	20000	0.069
6005	25	47	12	11.2	6.6	0.3	15000	18000	0.080
6006	35	55	13	13.3	8.3	0.4	12000	15000	0.120
6007	35	62	14	15.9	10.2	0.4	10000	13000	0.160
6008	40	68	15	16.8	11.6	0.5	9500	12000	0.190
6009	45	75	16	20.8	14.6	0.6	9000	11000	0.250
6010	50	80	16	21.6	16.0	0.7	8500	10000	0.260
6011	55	90	18	28.1	21.2	0.9	7500	9000	0.390
6012	60	95	18	29.6	23.2	1.0	6700	8000	0.420
6013	65	100	18	21.2	16.6	0.8	6300	7500	0.300
6014	70	110	20	37.7	31.0	1.3	6000	7000	0.600
6015	75	115	20	39.7	33.5	1.4	5600	6700	0.640
6016	80	125	22	47.5	40.0	1.7	5300	6300	0.850

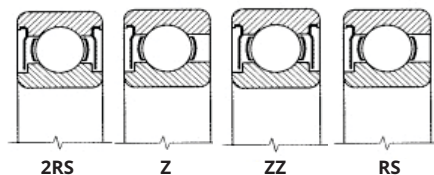
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Bearing Designation	Principal Dimensions			Basic Load Ratings		Fatigue Load Limit	Speed ratings Lubrication		Mass
	d	D	B	Dynamic	Static		Grease	Oil	
	mm			C (kN)	CO (kN)	Pu (kN)	rpm		kg
6017	85	130	22	49.4	43.0	1.8	5000	6000	0.890
6018	90	140	24	58.5	50.0	2.0	4800	5600	1.150
6019	95	145	24	60.5	5.4	2.1	4500	5300	1.200
6020	100	150	24	60.5	54.0	2.0	4300	5000	1.250
6021	105	160	26	72.8	65.5	2.4	4000	4800	1.600
6022	110	170	28	81.9	73.5	2.4	3800	4500	1.950
6024	120	180	28	85.2	80.0	2.8	3400	4000	2.050
6026	130	200	33	106.0	100.0	3.4	3200	3800	3.150
6028	140	210	33	111.0	108.0	3.4	3000	3600	3.350
6030	150	225	35	125.0	125.0	3.9	2600	3200	4.800
6032	160	240	38	143.0	143.0	4.3	2400	3000	5.900
6034	170	260	42	168.0	173.0	5.0	2200	2800	7.900
6036	180	280	46	190.0	200.0	5.6	2000	2600	10.500
6038	190	290	46	195.0	216.0	5.9	2000	2600	11.000
6040	200	310	51	216.0	245.0	6.4	1900	2400	14.000
6044	220	340	56	2470.0	290.0	7.4	1800	2200	18.500
6048	240	360	56	255.0	315.0	7.8	1700	2000	19.500
6052	260	400	65	291.0	375.0	8.8	1500	1800	29.500

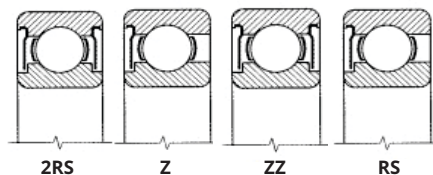
6200	10	30	9	5.1	2.4	0.1	24000	30000	0.032
6201	12	32	10	6.9	3.1	0.1	22000	28000	0.037
6202	15	35	11	7.8	3.8	0.2	19000	24000	0.045
6203	17	40	12	9.6	4.8	0.2	17000	20000	0.065

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Bearing Designation	Principal Dimensions			Basic Load Ratings		Fatigue Load Limit	Speed ratings Lubrication		Mass
	d	D	B	Dynamic	Static		Grease	Oil	
	mm			C (kN)	CO (kN)		Pu (kN)	rpm	
6204	20	47	14	12.7	6.6	0.3	15000	18000	0.110
6205	25	52	15	14.0	7.8	0.3	12000	15000	0.130
6206	30	62	16	19.5	11.2	0.5	10000	13000	0.200
6207	35	72	17	25.5	15.3	0.7	9000	11000	0.290
6209	45	85	19	33.2	21.6	0.9	7500	9000	0.410
6210	50	90	20	35.1	23.2	1.0	7000	8500	0.460
6211	55	100	21	43.6	29.0	1.3	6300	7500	0.610
6212	60	110	22	52.7	36.0	1.5	6000	7000	0.780
6213	65	120	23	55.9	40.5	1.7	5300	6300	0.990
6214	70	125	24	60.5	45.0	1.9	5000	6000	1.050
6215	75	130	25	66.3	49.0	2.0	4800	5600	1.200
6216	80	140	26	70.2	55.0	2.2	4500	5300	1.400
6217	85	150	28	83.2	64.0	2.5	4300	5000	1.800
6218	90	160	30	95.6	73.5	2.8	3800	4500	2.150
6219	95	170	32	108.0	81.5	3.0	3600	4300	2.600
6220	100	180	34	124.0	93.0	3.4	3400	4000	3.158
6221	105	190	36	133.0	104.0	3.6	3200	3800	3.700
6222	110	200	38	143.0	118.0	4.0	3000	3600	4.350
6224	120	215	40	146.0	118.0	3.9	2800	3400	5.150
6226	130	230	40	156.0	132.0	4.2	2600	3200	5.800
6228	140	250	42	165.0	150.0	4.2	2400	3000	7.450
6230	150	270	45	174.0	166.0	4.9	2000	2600	9.400
6232	160	290	48	186.0	186.0	5.3	1900	2400	14.500

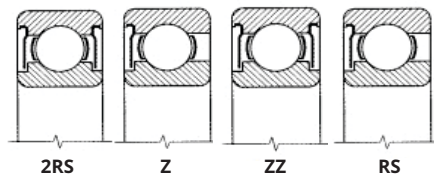
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Bearing Designation	Principal Dimensions			Basic Load Ratings		Fatigue Load Limit	Speed ratings Lubrication		Mass
	d	D	B	Dynamic	Static		Grease	Oil	
	mm			C (kN)	CO (kN)	Pu (kN)	rpm		kg
6234	170	310	52	212.0	224.0	6.1	1900	2400	17.500
6236	180	320	52	229.0	24.0	6.4	1800	2200	18.500
6238	190	340	55	255.0	280.0	7.4	1700	2000	23.000
6240	200	360	58	270.0	310.0	7.8	1700	2000	28.000
6244	220	400	65	296.0	365.0	8.8	1500	1800	37.000
6248	240	440	72	358.0	475.0	10.8	1300	1600	51.000
6252	260	480	80	390.0	530.0	11.8	1100	1400	65.500

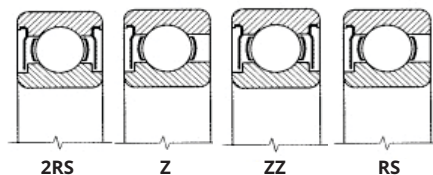
6300	10	35	11	8.1	3.4	0.1	20000	26000	0.053
6301	12	37	12	9.8	4.2	0.2	19000	24000	0.060
6302	15	42	13	11.4	5.4	0.2	17000	20000	0.082
6303	17	47	14	13.5	6.6	0.3	16000	19000	0.120
6304	20	52	15	15.9	7.8	0.3	13000	16000	0.140
6305	25	62	17	22.5	11.6	0.5	11000	14000	0.230
6306	30	72	19	28.1	16.0	0.7	9000	11000	0.350
6307	35	80	21	33.2	19.0	0.8	8500	10000	0.460
6308	40	90	23	41.0	24.0	1.0	7500	9000	0.630
6309	45	100	25	52.7	31.5	1.3	6700	8000	0.830
6310	50	110	27	61.8	38.0	1.6	6300	7500	1.050
6311	55	120	21	43.6	29.0	1.3	6300	7500	0.610
6312	60	130	31	81.9	52.0	2.2	5000	6000	1.700
6313	65	140	33	92.3	60.0	2.5	4800	5600	2.100
6314	70	150	35	104.0	68.0	2.8	4500	5300	2.500

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Bearing Designation	Principal Dimensions			Basic Load Ratings		Fatigue Load Limit	Speed ratings Lubrication		Mass
	d	D	B	Dynamic	Static		Grease	Oil	
	mm			C (kN)	CO (kN)	Pu (kN)	rpm		kg
6315	75	160	37	114.0	76.5	3.0	4300	5000	3.000
6316	80	170	39	124.0	86.5	3.3	3800	4500	3.600
6317	85	180	41	133.0	96.5	3.6	3600	4300	4.250
6318	90	190	43	143.0	108.0	3.9	3400	4000	4.900
6319	95	200	45	153.0	118.0	4.2	3200	3800	5.650
6320	100	215	47	174.0	140.0	4.8	3000	3600	7.000
6321	105	225	49	182.0	153.0	5.1	2800	3400	8.250
6322	110	240	50	203.0	180.0	5.7	2600	3200	9.550
6324	120	260	55	208.0	186.0	5.7	2400	3000	14.500
6326	130	280	58	229.0	216.0	6.3	2200	2800	18.000
6328	140	300	62	251.0	245.0	7.1	2000	2600	22.000
6330	150	320	65	276.0	285.0	7.8	1900	2400	26.000
6332	160	340	68	276.0	28.5	7.7	1800	2200	29.000
6334	170	360	72	312.0	340.0	8.8	1700	2000	34.500
6336	180	380	75	351.0	405.0	10.4	1700	2000	42.500
6338	190	400	78	371.0	430.0	10.8	1600	1900	49.000
6340	200	420	80	377.0	465.0	11.2	1500	1800	55.500
6344	220	460	88	410.0	520.0	12.0	1300	1600	72.500
6403	17	62	17	22.9	10.8	0.5	12000	15000	0.270
6404	20	72	19	30.7	15.0	0.6	10000	13000	0.400
6405	25	80	21	35.8	19.3	0.8	9000	11000	0.530
6406	30	90	23	43.6	23.6	1.0	8500	10000	0.740

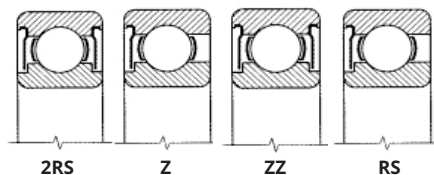
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Bearing Designation	Principal Dimensions			Basic Load Ratings		Fatigue Load Limit	Speed ratings Lubrication		Mass
	d	D	B	Dynamic	Static		Grease	Oil	
	mm			C (kN)	CO (kN)	Pu (kN)	rpm		kg
6407	35	100	25	55.3	31.0	1.3	7000	8500	0.950
6408	40	110	27	63.7	36.5	1.5	6700	8000	1.250
6409	45	120	29	76.1	45.0	1.9	6000	7000	1.550
6410	50	130	31	87.1	52.0	2.2	5300	6300	1.900
6411	55	140	33	99.5	62.0	2.6	5000	6000	2.300
6412	60	150	35	10.8	69.5	2.9	4800	5600	2.750
6413	65	160	37	119.0	78.0	3.2	4500	5300	3.300
6414	70	180	42	143.0	104.0	3.9	3800	4500	4.850
6415	75	190	45	153.0	114.0	4.2	3600	4300	6.800
6416	80	200	48	163.0	125.0	4.5	3400	4000	8.000
6417	85	210	52	174.0	137.0	4.8	3200	3800	9.500
6418	90	225	54	186.0	15.0	5.0	3000	3600	11.500

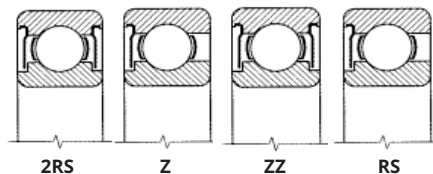
16002	15	32	8	5.6	2.9	0.1	22000	28000	0.025
16003	17	35	8	6.1	3.3	0.1	19000	24000	0.032
16004	20	42	8	6.9	4.1	0.2	17000	20000	0.050
16005	25	47	8	7.6	4.8	0.2	14000	17000	0.060
16006	30	55	9	11.2	7.4	0.3	12000	15000	0.085
16007	35	62	9	12.4	8.2	0.4	11000	13000	0.110
16008	40	68	9	13.3	9.2	0.4	9500	12000	0.130
16009	45	75	10	15.6	10.8	0.5	9000	11000	0.170
16010	50	80	10	16.3	11.4	0.6	8500	10000	0.180
16011	55	90	11	19.5	14.0	0.7	7500	9000	0.260

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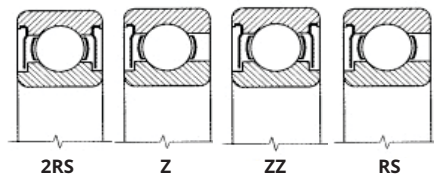
Bearing Designation	Principal Dimensions			Basic Load Ratings		Fatigue Load Limit	Speed ratings Lubrication		Mass
	d	D	B	Dynamic	Static		Grease	Oil	
	mm			C (kN)	CO (kN)		Pu (kN)	rpm	
16012	60	95	11	19.9	15.0	0.7	6700	8000	0.280
16013	65	100	11	21.2	16.6	0.8	6300	7500	0.300
16014	70	110	13	28.1	25.0	1.1	6000	7000	0.430
16015	75	115	13	28.6	27.0	1.1	5600	6700	0.460
16016	80	125	14	33.2	31.5	1.3	5300	6300	0.600
16017	85	130	14	33.8	33.5	1.4	5000	6000	0.630
16018	90	140	16	41.6	39.0	1.6	4800	5600	0.850
16019	95	145	16	42.3	41.5	1.6	4500	5300	0.890
16020	100	150	16	44.2	44.0	1.7	4300	5000	0.910
16021	105	160	18	52.0	51.0	1.9	4000	4800	1.200
16022	110	170	19	57.2	57.0	2.0	3800	4500	1.450
16024	120	180	19	60.5	64.0	2.2	3400	40000	1.600
16026	130	200	22	79.3	81.5	2.7	3200	3800	2.350
16028	140	210	22	80.6	86.5	2.7	3000	3600	2.500
16030	150	225	24	92.3	98.0	3.1	2600	3200	3.150
16032	160	240	25	99.5	108.0	3.3	2400	3000	3.700
16034	170	260	28	119.0	129.0	3.8	2200	2800	5.000
16036	180	280	31	138.0	146.0	4.2	2000	2600	6.600
16038	190	290	31	148.0	16.0	4.6	2000	2600	7.900
16040	200	310	34	168.0	190.0	5.1	1900	2400	8.850
16044	220	340	37	174.0	204.0	5.2	1800	2200	11.500
16048	240	360	37	178.0	220.0	5.3	1700	2000	14.500
16052	260	400	44	238.0	310.0	7.2	1500	1800	21.500

Deep Groove Ball Bearings



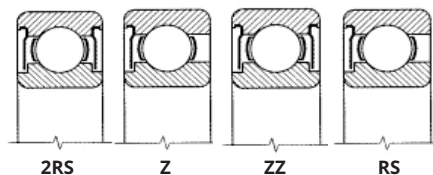
Bearing Designation	Principal Dimensions			Basic Load Ratings		Fatigue Load Limit	Speed ratings Lubrication		Mass
	d	D	B	Dynamic	Static		Grease	Oil	
	mm			C (kN)	CO (kN)	Pu (kN)	rpm		kg
16100	10	28	8	4.6	2.0	0.1	28000	34000	0.022
16101	12	30	8	5.1	2.4	0.1	26000	32000	0.023
61048	240	320	38	159.0	200.0	5.1	1800	2200	8.600
61800	10	19	5	1.4	0.6	0.0	36000	43000	0.006
61801	12	21	5	1.4	0.7	0.0	32000	38000	0.006
61802	15	24	5	1.6	0.8	0.0	28000	34000	0.007
61803	17	26	5	1.7	0.9	0.0	24000	30000	0.008
61804	20	32	7	2.7	1.5	0.1	19000	24000	0.018
61805	25	37	7	4.4	2.6	0.1	17000	20000	0.022
61806	30	42	7	4.5	2.9	0.1	15000	18000	0.027
61807	35	47	7	4.8	3.2	0.2	13000	16000	0.030
61808	40	52	7	4.9	3.5	0.2	11000	14000	0.034
61809	45	58	7	6.1	4.3	0.2	9500	12000	0.040
61810	50	65	7	6.2	4.8	0.3	9000	11000	0.052
61811	55	72	9	8.8	6.8	0.4	8500	10000	0.083
61812	60	78	10	8.7	6.7	0.4	7500	9000	0.110
61813	65	85	10	11.9	9.7	0.5	7000	8500	0.130
61814	70	90	10	12.1	1.0	0.5	6700	8000	0.140
61815	75	95	10	12.5	10.8	0.6	6300	7500	0.150
61816	80	100	10	12.7	11.2	0.6	6000	7000	0.150
61817	85	110	13	19.5	16.6	0.9	5300	6300	0.270

Deep Groove Ball Bearings



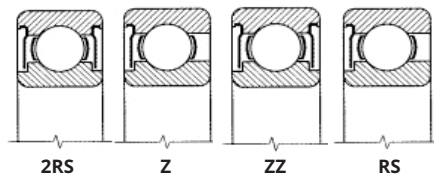
Bearing Designation	Principal Dimensions			Basic Load Ratings		Fatigue Load Limit	Speed ratings Lubrication		Mass
	d	D	B	Dynamic	Static		Grease	Oil	
	mm			C (kN)	CO (kN)	Pu (kN)	rpm		kg
61819	95	120	13	19.9	17.6	0.9	5000	6000	0.300
61820	100	125	13	19.9	18.3	1.0	4800	5600	0.310
61821	105	130	13	20.8	19.6	1.0	4500	5300	0.320
61822	110	140	16	28.1	26.0	1.3	4300	5000	0.600
61824	120	150	16	29.1	28.0	1.3	3800	4500	0.650
61826	130	165	18	37.7	43.0	1.7	3600	4300	0.930
61828	140	175	18	39.0	46.5	1.7	3400	4000	0.990
61830	150	190	20	48.8	61.0	2.0	3000	3600	1.400
61832	160	200	20	49.4	64.0	2.0	2800	3400	1.450
61834	170	215	22	61.8	78.0	2.4	2600	3200	1.900
61836	180	225	22	62.4	81.5	2.5	2400	3000	2.000
61838	190	240	24	76.1	98.0	2.8	2200	2800	2.600
61840	200	250	24	76.1	102.0	2.9	2200	2800	2.700
61844	220	270	24	78.0	110.0	3.0	1900	2400	3.000
61848	240	300	28	108.0	150.0	3.8	1800	2200	4.500
61852	260	320	28	111.0	163.0	4.0	1700	2000	4.800
61900	10	22	6	2.0	0.8	0.0	34000	40000	0.010
61901	12	24	6	2.3	1.0	0.0	30000	36000	0.011
61902	15	28	7	4.0	2.0	0.1	24000	30000	0.016
61903	17	30	7	4.4	2.3	0.1	22000	28000	0.018
61904	20	37	9	6.4	3.7	0.2	18000	22000	0.038
61905	25	42	9	6.6	4.0	0.2	16000	19000	0.045

Deep Groove Ball Bearings



Bearing Designation	Principal Dimensions			Basic Load Ratings		Fatigue Load Limit	Speed ratings Lubrication		Mass
	d	D	B	Dynamic	Static		Grease	Oil	
	mm			C (kN)	CO (kN)	Pu (kN)	rpm		kg
61906	30	47	9	7.3	4.6	0.2	14000	17000	0.051
61907	35	55	10	9.6	6.2	0.3	11000	14000	0.080
61908	40	62	12	13.8	9.3	0.4	10000	13000	0.120
61909	45	68	12	14.0	98.0	0.5	90000	11000	0.140
61910	50	72	12	14.6	10.4	0.5	8500	10000	0.140
61911	55	80	13	15.9	11.4	0.6	8000	9500	0.190
61912	60	85	13	16.5	12.0	0.6	7500	9000	0.200
61913	65	90	13	17.4	13.4	0.6	6700	8000	0.220
61914	70	100	16	23.8	18.3	0.9	6300	7500	0.350
61915	75	105	16	24.2	19.3	1.0	6000	7000	0.370
61916	80	110	16	25.1	20.4	1.0	5600	6700	0.400
61917	85	120	18	31.9	30.0	1.3	5300	6300	0.550
61918	90	125	18	33.2	31.5	1.2	5000	6000	0.590
61919	95	130	18	33.8	33.5	1.4	4800	5600	0.610
61920	100	140	20	42.3	41.5	1.6	4500	5300	0.830
61921	105	145	20	44.2	44.0	1.7	4300	5000	0.870
61922	110	150	20	43.6	45.0	1.7	4000	4800	0.900
61924	120	165	22	55.3	57.0	2.0	3600	4300	1.200
61926	130	180	24	65.0	670.0	2.3	3400	4000	1.600
61928	140	190	24	66.3	72.0	2.3	3200	3800	1.700
61930	150	210	28	88.4	93.0	2.9	2800	3400	3.050
61932	160	220	28	92.3	98.0	3.1	2600	3200	3.250
61934	170	230	28	93.6	106.0	3.2	2400	3000	3.400

Deep Groove Ball Bearings



Bearing Designation	Principal Dimensions			Basic Load Ratings		Fatigue Load Limit	Speed ratings Lubrication		Mass
	d	D	B	Dynamic	Static		Grease	Oil	
	mm			C (kN)	CO (kN)		Pu (kN)	rpm	
61936	180	250	33	119.0	134.0	3.9	2200	2800	5.050
61938	190	260	33	117.0	134.0	3.8	2200	2800	5.250
61940	200	280	38	148.0	166.0	4.6	2000	2600	7.400
61944	220	300	38	151.0	180.0	4.8	1900	2400	8.000
61952	260	360	46	212.0	270.0	6.6	1600	1900	14.500