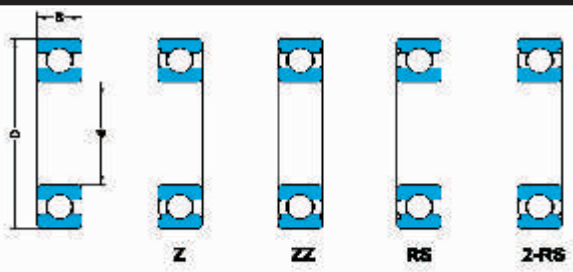


**Deep groove ball bearings**  
Single row  
d 75-100 mm



Principal Dimensions			Basic load ratings		Fatigue Load Limit	Speed ratings Lubrication		Mass	Designation
d mm	D	B	dynamic C kN	Static C <sub>0</sub>	P <sub>u</sub> kN	Grease	Oil	kg	-
						RPM			
<b>75</b>	95	10	12.5	10.8	0.58	6300	7500	0.15	<b>61815</b>
	105	16	24.2	19.3	0.96	6000	7000	0.37	<b>61915</b>
	115	13	28.6	27.0	1.14	5600	6700	0.46	<b>16015</b>
	115	20	39.7	33.5	1.43	5600	6700	0.64	<b>6015</b>
	130	25	66.3	49.0	2.04	4800	5600	1.20	<b>6215</b>
	160	37	114.0	76.5	3.00	4300	5000	3.00	<b>6315</b>
	190	45	153.0	114.0	4.15	3600	4300	6.80	<b>6415</b>
<b>80</b>	100	10	12.7	11.2	0.61	6000	7000	0.15	<b>61816</b>
	110	16	25.1	20.4	1.02	5600	6700	0.40	<b>61916</b>
	125	14	33.2	31.5	1.32	5300	6300	0.60	<b>16016</b>
	125	22	47.5	40.0	1.66	5300	6300	0.85	<b>6016</b>
	140	26	70.2	55.0	2.20	4500	5300	1.40	<b>6216</b>
	170	39	124.0	86.5	3.25	3800	4500	3.60	<b>6316</b>
	200	48	163.0	125.0	4.50	3400	4000	8.00	<b>6416</b>
<b>85</b>	110	13	19.5	16.6	0.88	5300	6300	0.27	<b>61817</b>
	120	18	31.9	30.0	1.25	5300	6300	0.55	<b>61917</b>
	130	14	33.8	33.5	1.37	5000	6000	0.63	<b>16017</b>
	130	22	49.4	43.0	1.76	5000	6000	0.89	<b>6017</b>
	150	28	83.2	64.0	2.50	4300	5000	1.80	<b>6217</b>
	180	41	133.0	96.5	3.55	3600	4300	4.25	<b>6317</b>
	210	52	174.0	137.0	4.75	3200	3800	9.50	<b>6417</b>
<b>90</b>	115	13	19.5	17.0	0.91	5300	6300	0.28	<b>61818</b>
	125	18	33.2	31.5	1.23	5000	6000	0.59	<b>61918</b>
	140	16	41.6	39.0	1.56	4800	5600	0.85	<b>16018</b>
	140	24	58.5	50.0	1.96	4800	5600	1.15	<b>6018</b>
	160	30	95.6	73.5	2.80	3800	4500	2.15	<b>6218</b>
	190	43	143.0	108.0	3.85	3400	4000	4.90	<b>6318</b>
	225	54	186.0	15.0	5.00	3000	3600	11.5	<b>6418</b>
<b>95</b>	120	13	19.9	17.6	0.93	5000	6000	0.30	<b>61819</b>
	130	18	33.8	33.5	1.43	4800	5600	0.61	<b>61919</b>
	145	16	42.3	41.5	1.63	4500	5300	0.89	<b>16019</b>
	145	24	60.5	5.4	2.08	4500	5300	1.20	<b>6019</b>
	170	32	108.0	81.5	3.00	3600	4300	2.60	<b>6219</b>
	200	45	153.0	118.0	4.15	3200	3800	5.65	<b>6319</b>
<b>100</b>	125	13	19.9	18.3	0.95	4800	5600	0.31	<b>61820</b>
	140	20	42.3	41.5	1.63	4500	5300	0.83	<b>61920</b>
	150	16	44.2	44.0	1.70	4300	5000	0.91	<b>16020</b>
	150	24	60.5	54.0	2.04	4300	5000	1.25	<b>6020</b>
	180	34	124.00	93.0	3.35	3400	4000	3.158	<b>6220</b>
	215	47	174.0	140.0	4.75	3000	3600	7.00	<b>6320</b>

