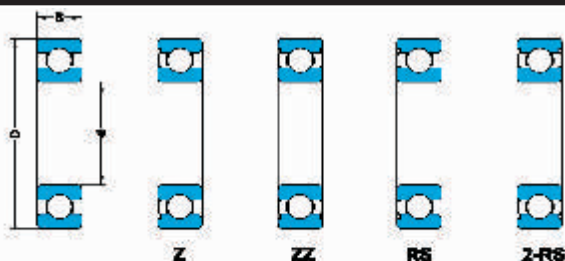


**Deep groove ball bearings**  
Single row  
d 25-45 mm



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>25</b>	37	7	4.36	2.60	0.125	17000	20000	0.022	<b>61805</b>
	42	9	6.63	4.00	0.176	16000	19000	0.045	<b>61905</b>
	47	8	7.61	4.75	0.212	14000	17000	0.060	<b>16005</b>
	47	12	11.20	6.55	0.275	15000	18000	0.080	<b>6005</b>
	52	15	14.00	7.80	0.335	12000	15000	0.13	<b>6205</b>
	62	17	22.50	11.60	0.49	11000	14000	0.23	<b>6305</b>
	80	21	35.80	19.30	0.815	9000	11000	0.53	<b>6405</b>
<b>30</b>	42	7	4.49	2.90	0.146	15000	18000	0.027	<b>61806</b>
	47	9	7.28	4.55	0.212	14000	17000	0.051	<b>61906</b>
	55	9	11.20	7.35	0.31	12000	15000	0.085	<b>16006</b>
	62	16	19.50	11.20	0.475	10000	13000	0.20	<b>6206</b>
	72	19	28.10	16.00	0.67	9000	11000	0.35	<b>6306</b>
	90	23	43.60	23.60	1.0	8500	10000	0.74	<b>6406</b>
<b>35</b>	47	7	4.75	3.20	0.166	13000	16000	0.030	<b>61807</b>
	55	10	9.56	6.20	0.29	11000	14000	0.080	<b>61907</b>
	55	13	13.30	8.30	0.355	12000	15000	0.12	<b>6006</b>
	62	9	12.40	8.15	0.375	11000	13000	0.11	<b>16007</b>
	62	14	15.90	10.20	0.44	10000	13000	0.16	<b>6007</b>
	72	17	25.50	15.30	0.655	9000	11000	0.29	<b>6207</b>
	80	21	33.20	19.00	0.815	8500	10000	0.46	<b>6307</b>
100	25	55.30	31.00	1.29	7000	8500	0.95	<b>6407</b>	
<b>40</b>	52	7	4.94	3.45	0.186	11000	14000	0.034	<b>61808</b>
	62	12	13.80	9.30	0.425	10000	13000	0.12	<b>61908</b>
	68	9	13.30	9.15	0.44	9500	12000	0.13	<b>16008</b>
	68	15	16.80	11.60	0.49	9500	12000	0.19	<b>6008</b>
	80	18	30.70	19.00	0.80	8500	10000	0.37	<b>6280</b>
	90	23	41.00	24.00	1.02	7500	9000	0.63	<b>6308</b>
110	27	63.70	36.50	1.53	6700	8000	1.25	<b>6408</b>	
<b>45</b>	58	7	6.05	4.3	0.22	9500	12000	0.040	<b>61809</b>
	68	12	14.0	98.0	0.46	90000	11000	0.14	<b>61909</b>
	75	10	15.6	10.8	0.52	9000	11000	0.17	<b>16009</b>
	75	16	20.8	14.6	0.64	9000	11000	0.25	<b>6009</b>
	85	19	33.2	21.6	0.91	7500	9000	0.41	<b>6209</b>
	100	25	52.7	31.5	1.34	6700	8000	0.83	<b>6309</b>
120	29	76.1	45.0	1.90	6000	7000	1.55	<b>6409</b>	