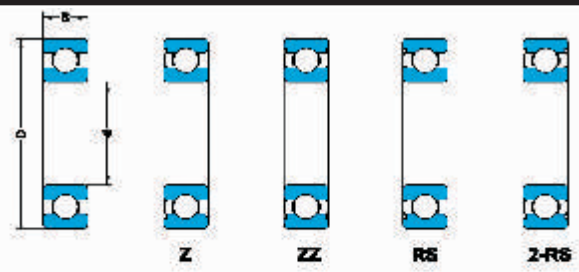


Deep groove ball bearings
Single row
d 50-70 mm



Principal Dimensions			Basic load ratings		Fatigue Load Limit	Speed ratings Lubrication		Mass	Designation
d mm	D	B	dynamic C kN	Static C ₀	P _u kN	Grease	Oil	kg	-
						RPM			
50	65	7	6.24	4.75	0.25	9000	11000	0.052	61810
	72	12	14.6	10.4	0.50	8500	10000	0.14	61910
	80	10	16.3	11.4	0.56	8500	10000	0.18	16010
	80	16	21.6	16.0	0.71	8500	10000	0.26	6010
	90	20	35.1	23.2	0.98	7000	8500	0.46	6210
	110	27	61.8	38.0	1.60	6300	7500	1.05	6310
	130	31	87.1	52.0	2.20	5300	6300	1.90	6410
55	72	9	8.84	6.8	0.36	8500	10000	0.083	61811
	80	13	15.9	11.4	0.56	8000	9500	0.19	61911
	90	11	19.5	14.0	0.69	7500	9000	0.26	16011
	90	18	28.1	21.2	0.90	7500	9000	0.39	6011
	100	21	43.6	29.0	1.25	6300	7500	0.61	6211
	120	21	43.6	29.0	1.25	6300	7500	0.61	6311
	140	33	99.5	62.0	2.60	5000	6000	2.30	6411
60	78	10	8.71	6.7	0.36	7500	9000	0.11	61812
	85	13	16.5	12.0	0.60	7500	9000	0.20	61912
	95	11	19.9	15.0	0.73	6700	8000	0.28	16012
	95	18	29.6	23.2	0.98	6700	8000	0.42	6012
	110	22	52.7	36.0	1.53	6000	7000	0.78	6212
	130	31	81.9	52.0	2.2	5000	6000	1.70	6312
	150	35	10.8	69.5	2.9	4800	5600	2.75	6412
65	85	10	11.9	9.65	0.51	7000	8500	0.13	61813
	90	13	17.4	13.4	0.63	6700	8000	0.22	61913
	100	11	21.2	16.6	0.83	6300	7500	0.30	16013
	100	18	21.2	16.6	0.83	6300	7500	0.30	6013
	120	23	55.9	40.5	1.73	5300	6300	0.99	6213
	140	33	92.3	60.0	2.50	4800	5600	2.10	6313
	160	37	119.0	78.0	3.15	4500	5300	3.30	6413
70	90	10	12.1	1.0	0.54	6700	8000	0.14	61814
	100	16	23.8	18.3	0.90	6300	7500	0.35	61914
	110	13	28.1	25.0	1.06	6000	7000	0.43	16014
	110	20	37.7	31.0	1.32	6000	7000	0.60	6014
	125	24	60.5	45.0	1.90	5000	6000	1.05	6214
	150	35	104.0	68.0	2.75	4500	5300	2.50	6314
	180	42	143.0	104.0	3.90	3800	4500	4.85	6414