



5200 Series											5200 Series													
d	D	B	r (min)	Bearing No.					Basic dynamic load rating Cr (N)	Basic static load rating Cor (N)	Limiting speed (min ⁻¹)		Dimensions of snap ring groove and snap ring (mm)					Abutment and fillet dimensions (mm)					Mass (kg)	Bearing No.
				Open type	Shield type	Seal type	With snap ring groove*	With snap ring*			Grease No. lubrication	Oil lubrication	D1 (max)	a (max)	b (min)	D2 (max)	f (max)	da (min)	Da (max)	Dx (min)	ra (max)	CY (max)		
10	30	14.3	0.6	5200	5200ZZ	5200-2NS	5200N	5200NR	7300	4000	18000	24000	28.17	2.06	1.35	34.7	1.12	15	25	35.5	0.6	2.9	0.05	5200
12	32	15.9	0.6	5201	5201ZZ	5201-2NS	5201N	5201NR	10700	5950	16000	22000	30.15	2.06	1.35	36.7	1.12	17	27	37.5	0.6	2.9	0.06	5201
15	35	15.9	0.6	5202	5202ZZ	5202-2NS	5202N	5202NR	11900	7200	14000	19000	33.17	2.06	1.35	39.7	1.12	20	30	40.5	0.6	2.9	0.07	5202
17	40	17.5	0.6	5203	5203ZZ	5203-2NS	5203N	5203NR	15000	9250	12000	17000	38.1	2.06	1.35	44.6	1.12	22	35	45.5	0.6	2.9	0.09	5203
20	47	20.6	1	5204	5204ZZ	5204-2NS	5204N	5204NR	20000	12700	10000	14000	44.6	2.46	1.35	52.7	1.12	26	41	53.5	1	3.3	0.12	5204
25	52	20.6	1	5205	5205ZZ	5205-2NS	5205N	5205NR	21800	15100	9500	13000	49.73	2.46	1.35	57.9	1.12	31	46	58.5	1	3.3	0.19	5205
30	62	23.8	1	5206	-	-	5206N	5206NR	30500	21700	8000	11000	59.61	3.28	1.9	67.7	1.7	36	56	68.5	1	4.7	0.29	5206
30	62	23.8	1	-	5206ZZ	5206-2NS	-	-	25900	18700	8000	-	-	-	-	-	-	36	56	-	1	-	0.29	5206
35	72	27	1.1	5207	-	-	5207N	5207NR	40000	29500	7000	9500	68.81	3.28	1.9	78.6	1.7	42	65	80	1	4.7	0.43	5207
35	72	27	1.1	-	5207ZZ	5207-2NS	-	-	35000	25900	7000	-	-	-	-	-	-	42	65	-	1	-	0.43	5207
40	80	30.2	1.1	5208	-	-	5208N	5208NR	45500	34000	6000	8000	76.81	3.28	1.9	86.6	1.7	47	73	88	1	4.7	0.57	5208
40	80	30.2	1.1	-	5208ZZ	5208-2NS	-	-	40000	30500	6000	-	-	-	-	-	-	47	73	-	1	-	0.57	5208
45	85	30.2	1.1	5209	-	-	5209N	5209NR	51000	39000	5500	7500	81.81	3.28	1.9	91.6	1.7	52	78	93	1	4.7	0.62	5209
45	85	30.2	1.1	-	5209ZZ	5209-2NS	-	-	42500	34500	5500	-	-	-	-	-	-	52	78	-	1	-	0.62	5209
50	90	30.2	1.1	5210	-	-	5210N	5210NR	54500	44500	5000	6700	86.79	3.28	2.7	96.5	2.46	57	83	98	1	5.4	0.67	5210
50	90	30.2	1.1	-	5210ZZ	5210-2NS	-	-	45000	39000	5000	-	-	-	-	-	-	57	83	-	1	-	0.67	5210
55	100	33.3	1.5	5211	-	-	5211N	5211NR	67500	56500	4500	6300	96.8	3.28	2.7	106.5	2.46	64	91	108	1.5	5.4	0.96	5211
55	100	33.3	1.5	-	5211ZZ	-	-	-	57500	50500	4500	-	-	-	-	-	-	64	91	91	1.5	-	0.96	5211
60	110	36.5	1.5	5212	-	-	5212N	5212NR	67500	56500	4300	5600	106.81	3.28	2.7	116.6	2.46	69	101	118	1.5	5.4	1.36	5212
60	110	36.5	1.5	-	5212ZZ	-	-	-	67000	57500	4300	-	-	-	-	-	-	69	101	-	1.5	-	1.36	5212
65	120	38.1	1.5	5213	-	-	5213N	5213NR	89000	77000	3900	5300	115.21	4.06	3.1	129.7	2.82	74	111	131.5	1.5	6.5	1.66	5213
65	120	38.1	1.5	-	5213ZZ	-	-	-	78500	71000	3900	-	-	-	-	-	-	74	111	-	1.5	-	1.66	5213
70	125	39.7	1.5	-	5214ZZ	-	-	-	86000	79000	3800	-	-	-	-	-	-	79	116	-	1.5	-	1.82	5214
75	130	41.3	1.5	-	5215ZZ	-	-	-	94000	87000	3400	-	-	-	-	-	-	84	121	-	1.5	-	1.91	5215
80	140	44.4	2	5216	-	-	5216N	5216NR	104000	94000	3500	4600	135.23	4.9	3.1	149.7	2.82	90	130	152	2	7.4	2.48	5216

* Not a stocked range although available on request.

5300 Series											5300 Series													
d	D	B	r (min)	Bearing No.					Basic dynamic load rating Cr (N)	Basic static load rating Cor (N)	Limiting speed (min ⁻¹)		Dimensions of snap ring groove and snap ring (mm)					Abutment and fillet dimensions (mm)					Mass (kg)	Bearing No.
				Open type	Shield type	Seal type	With snap ring groove*	With snap ring*			Grease No. lubrication	Oil lubrication	D1 (max)	a (max)	b (min)	D2 (max)	f (max)	da (min)	Da (max)	Dx (min)	ra (max)	CY (max)		
20	52	22.2	1.1	5304	-	-	5304N	5304NR	21700	13300	9000	11000	49.73	2.46	1.35	57.9	1.12	27	45	58.5	1	3.3	0.23	5304
25	62	25.4	1.1	5305	-	-	5305N	5305NR	32000	21600	7300	10000	59.61	3.28	1.9	67.7	1.7	32	55	68.5	1	4.7	0.34	5305
30	72	30.2	1.1	5306	-	-	5306N	5306NR	41500	29000	7000	9500	68.81	3.28	1.9	78.6	1.7	37	65	80	1	4.7	0.51	5306
35	80	34.9	1.5	5307	-	-	5307N	5307NR	52000	37000	6300	8500	76.81	3.28	1.9	86.6	1.7	44	71	88	1.5	4.7	0.79	5307
40	90	36.5	1.5	5308	-	-	5308N	5308NR	63500	46500	5500	7500	86.79	3.28	2.7	96.5	2.46	49	81	98	1.5	5.4	1.05	5308
45	100	39.7	1.5	5309	-	-	5309N	5309NR	76500	56500	5000	6700	96.8	3.28	2.7	106.5	2.46	54	91	108	1.5	5.4	1.42	5309
50	110	44.4	2	5310	-	-	5310N	5310NR	90000	68000	4500	6000	106.81	3.28	2.7	116.6	2.46	60	100	118	2	5.4	1.93	5310
55	120	49.2	2	5311	-	-	5311N	5311NR	112000	86500	4000	5500	115.21	4.06	3.1	129.7	2.82	65	110	131.5	2	6.5	2.3	5311
60	130	54	2.1	5312	-	-	5312N	5312NR	128000	101000	3800	5000	125.22	4.06	3.1	139.7	2.82	72	118	141.5	2	6.5	3.16	5312
65	140	58.7	2.1	5313	-	-	5313N	5313NR	145000	115000	3600	4700	135.23	4.9	3.1	149.7	2.82	77	128	152	2	7.4	3.86	5313
70	150	63.5	2.1	5314	-	-	5314N	5314NR	163000	132000	3200	4300	145.24	4.9	3.1	159.7	2.82	82	138	162	2	7.4	4.88	5314

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