Double-Row Angular Contact Ball Bearing Size Chart — 3200 / 5200 / 3300 / 5300 / 3000 / 4200 / 4300 / 3800 / 3900

Main dimensions in millimetres. d = bore, D = outside diameter, B = width. Seal: Open, ZZ = metal shields, 2RS = rubber seals. 3200 and 5200 (and 3300 and 5300) designations are widely used for the same envelope; internal design is confirmed per model.

3200 / 5200 series — light

Model	d	D	B	Seal
3200	10	30	14.3	Open • ZZ • 2RS
3201	12	32	15.9	Open • ZZ • 2RS
3202	15	35	15.9	Open • ZZ • 2RS
3203	17	40	17.5	Open • 2RS
3204	20	47	20.6	Open • ZZ
3205	25	52	20.6	Open • ZZ • 2RS
3206	30	62	23.8	Open • ZZ • 2RS
3207	35	72	27	Open • ZZ • 2RS
3208	40	80	30.2	Open • ZZ • 2RS
3209	45	85	30.2	Open • ZZ • 2RS
3210	50	90	30.2	Open • ZZ • 2RS
3211	55	100	33.3	Open • ZZ • 2RS
3212	60	110	36.5	Open • ZZ • 2RS
3213	65	120	38.1	Open • ZZ • 2RS
3214	70	125	39.688	Open • ZZ • 2RS
3215	75	130	41.275	Open • ZZ • 2RS
3216	80	140	44.45	Open • ZZ • 2RS
3217	85	150	49.213	Open • ZZ • 2RS
3218	90	160	52.388	Open • ZZ • 2RS
3219	95	170	55.563	Open • ZZ • 2RS
3220	100	180	60.325	Open • ZZ • 2RS

3300 / 5300 series — medium

Model	d	D	B	Seal
3300	10	35	19	Open
3301	12	37	19	Open
3302	15	42	19	Open
3303	17	47	22.2	Open
3304	20	52	22.2	Open • ZZ • 2RS
3305	25	62	25.4	Open • ZZ • 2RS
3306	30	72	30.2	Open • ZZ • 2RS
3307	35	80	34.9	Open • ZZ • 2RS
3308	40	90	36.5	Open • ZZ • 2RS
3309	45	100	39.7	Open • ZZ • 2RS
3310	50	110	44.4	Open • ZZ • 2RS
3311	55	120	49.213	Open • ZZ • 2RS
3312	60	130	53.975	Open • ZZ • 2RS
3313	65	140	58.738	Open • ZZ • 2RS

Model	d	D	B	Seal
3314	70	150	63.5	Open • ZZ • 2RS
3315	75	160	68.263	Open • ZZ • 2RS
3316	80	170	68.263	Open • ZZ • 2RS
3317	85	180	73.025	Open • ZZ • 2RS
3318	90	190	73.025	Open • ZZ • 2RS

3000 series — extra-light

Model	d	D	B	Seal
3000	10	26	12	Open • ZZ • 2RS
3001	12	28	12	Open • ZZ • 2RS
3002	15	32	13	ZZ • 2RS
3003	17	35	14	Open • ZZ • 2RS
3004	20	42	16	Open • ZZ • 2RS
3005	25	47	16	Open • ZZ • 2RS
3006	30	55	19	Open • ZZ • 2RS
3007	35	62	20	ZZ • 2RS
3008	40	68	21	ZZ • 2RS

4200 series

Model	d	D	B	Seal
4200	10	30	14	Open
4201	12	32	14	Open
4202	15	35	14	Open
4203	17	40	16	Open
4204	20	47	18	Open
4205	25	52	18	Open
4206	30	62	20	Open
4207	35	72	23	Open
4208	40	80	23	Open
4209	45	85	23	Open
4210	50	90	23	Open

4300 series

Model	d	D	B	Seal
4300	10	35	17	Open
4301	12	37	17	Open
4302	15	42	17	Open
4303	17	47	19	Open
4304	20	52	21	Open
4305	25	62	24	Open
4306	30	72	27	Open
4307	35	80	31	Open
4308	40	90	33	Open
4309	45	100	36	Open
4310	50	110	40	Open

3800 series — thin-section

Model	d	D	B	Seal
3800	10	19	7	Open
3801	12	21	7	Open
3802	15	24	7	Open
3803	17	26	7	Open
3804	20	32	10	Open
3805	25	37	10	Open
3806	30	42	10	Open
3807	35	47	10	Open
3808	40	52	10	Open
3809	45	58	10	Open
3810	50	65	12	Open
3811	55	72	13	Open

3900 series — thin-section

Model	d	D	B	Seal
3900	10	22	10	Open
3901	12	24	10	Open
3902	15	28	10	Open
3903	17	30	10	Open
3904	20	37	13	Open
3905	25	42	13	Open
3906	30	47	13	Open
3907	35	55	15	Open
3908	40	62	16	Open
3909	45	68	16	Open
3910	50	72	16	Open
3911	55	80	19	Open

Special variants (clearance, grease, cage or customer-specific suffixes) are made to drawing and quoted on request.
Dimensions are for selection reference. Tolerances, seals and supply are confirmed against your drawing or sample before quotation.
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