FREE CALCULATOR

Bearing size chart: 6000, 6200 and 6300 series

The bore, outside diameter and width of the most common deep groove ball bearings, how to read a bearing number, and what suffixes like ZZ and 2RS mean.

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Deep groove ball bearing sizes (mm)

BEARING	BORE D (MM)	OUTSIDE D (MM)	WIDTH B (MM)
6000	10	26	8
6001	12	28	8
6002	15	32	9
6003	17	35	10
6004	20	42	12
6005	25	47	12
6006	30	55	13
6007	35	62	14
6008	40	68	15
6009	45	75	16
6010	50	80	16
6200	10	30	9
6201	12	32	10
6202	15	35	11

BEARING	BORE D (MM)	OUTSIDE D (MM)	WIDTH B (MM)
6203	17	40	12
6204	20	47	14
6205	25	52	15
6206	30	62	16
6207	35	72	17
6208	40	80	18
6209	45	85	19
6210	50	90	20
6211	55	100	21
6212	60	110	22
6300	10	35	11
6301	12	37	12
6302	15	42	13
6303	17	47	14
6304	20	52	15
6305	25	62	17
6306	30	72	19
6307	35	80	21
6308	40	90	23
6309	45	100	25
6310	50	110	27

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Bearing suffixes

SUFFIX	MEANING
Z	One shield (metal, non-contact)
ZZ / 2Z	Two shields
2RS	Two rubber contact seals (SKF writes 2RS1, FAG .2RSR, Fafnir PP; NTN uses LLU)
NR	Snap ring groove with snap ring

Free chart from fleetzap.com/tools/bearing-size-chart