

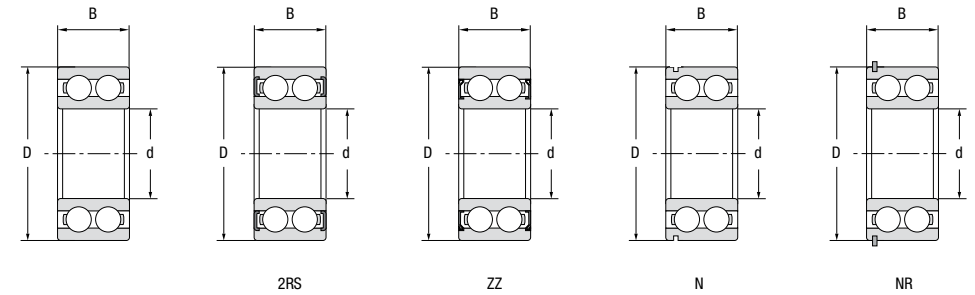
Double row deep groove ball bearings

Double row deep groove ball bearings have the same outer diameter and bore diameter as single row ball bearings.

The main difference is that double row ball bearings are slightly wider to fit two rows of balls and that makes them more suitable for applications where load carrying capacity of single row ball bearings is insufficient.

Double-row ball bearings are suitable for medium radial loads and small axial loads in both directions. This type of bearing cannot be used in applications where precise alignment of the rings is not guaranteed.

Other advantages of double row ball bearings are their rigidity and compactness. Standard cage material is steel sheet.



d	Main dimensions (mm)		Load ratings (kN)		Limiting speeds * (rpm)	Weight (kg)	Designation
	D	B	Dynamic (Cr)	Static (Cor)			
10	30	14	9,23	5,2	18000	0,049	4200
	35	17	14,3	8,75	17500	0,091	4300
12	32	14	10,4	5,9	18000	0,053	4201
	37	17	11,2	7,8	17000	0,092	4301
15	35	14	11,9	7,3	15000	0,059	4202
	42	17	15,3	9,1	13000	0,12	4302
17	40	16	14,5	9,1	14000	0,09	4203
	47	19	19,5	13,2	13000	0,16	4303
20	47	18	17,8	12,5	9950	0,14	4204
	52	21	23	15,7	9200	0,21	4304
25	52	18	19,3	14,6	9000	0,16	4205
	62	24	31,5	22,4	8000	0,34	4305
30	62	20	26	20,8	7500	0,26	4206
	72	27	40	30	6700	0,5	4306
35	72	23	33	27	6700	0,4	4207
	80	31	50,7	37	6300	0,69	4307
40	80	23	34,5	30,8	6000	0,5	4208
	90	33	63	47,5	5600	0,95	4308
45	85	23	36	33,5	5600	0,54	4209
	100	36	72,5	60	4800	1,25	4309
50	90	23	38	37,5	5000	0,58	4210
	110	40	86,7	70,1	4300	1,7	4310
55	100	25	44	43,5	4600	0,8	4211
	120	43	95,6	85,4	4100	2,15	4311
60	110	28	57	56,4	4100	1,1	4212
	130	46	112,8	101,1	3500	2,65	4312
65	120	31	66,3	65,7	3700	1,45	4213
	140	48	122,6	105	3300	3,25	4313
70	125	31	68,8	72	3900	1,5	4214
	150	51	145,8	114,9	3500	3,95	4314
75	130	31	71,2	78,5	3100	1,6	4215
	160	55	159,8	138	2800	4,8	4315
80	140	33	79	88	3000	2	4216

NOMENCLATURE:

42 03 2RS

Seal code (Both sides sealed)

Bore diameter number
(Nominal bore diameter, 17 mm)

Bearing series code
(Double-row deep groove ball bearing
of dimension series 02, 03)

SHIELD CODE:

No symbol Open type

ZZ non-contact double side steel shield

2RS double side rubber seal

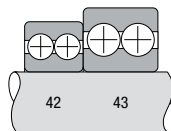
PREFIX/SUFFIX:

SS stainless steel material

N snap ring groove on outer ring

NR snap ring groove on outer ring, snap ring included

CODEX BASIC TYPES & SERIES



* For applications close to the limiting speeds please contact Codex QA department.