



EZO Single row deep groove ball bearing Stainless steel Closure on both sides

Stainless steel deep groove ball bearings are resistant to corrosion which may occur due to humidity. These single-row deep groove ball bearings are extremely versatile. They are simple in design, suitable for high to very high speeds, very robust and thus low-maintenance. Thanks to the deep grooves and the close contact between the grooves and the balls, deep groove ball bearings are extremely well suited to tolerate both radial loads and axial loads in both directions, even at high speeds. Stainless steel deep groove ball bearings have the same operating characteristics as conventional deep groove ball bearings made of steel, but have a lower load capacity. Bearings sealed on both sides have lifetime lubrication and therefore need not be regreased during use. They have been filled with the exact quantity of high-quality lubricant under controlled conditions.

Bearing with cover plates 2Z:

The cover plates, manufactured from sheet steel, are primarily suited to applications where the i-race of the bearing rotates. There is a sealing gap between the outer edge of the plate and the i-race. The clearance between the cover plate and the i-race is designed in such a way that no contact can be made, even if the bearing exhibits a large amount of radial play. To prevent corrosion, the cover plates are galvanized.

Bearing with low-friction seals 2RU, LLB:

These non-contact seals are made from oil-resistant and wear-resistant nitrile butadiene rubber (NBR) with sheet steel reinforcement. There is a very narrow clearance between the seal and the i-race, which prevents contact between the two components. This allows bearings with low-friction seals to be used at high speeds in the same manner as bearings with Z-seals, although the former offer better sealing performance.

Bearing with contact seals 2RS, LLU:

Contact seals are made from nitrile butadiene rubber (NBR) with sheet steel reinforcement. The seals are fitted in the recesses of the o-race. In contrast to the low-friction seal, the contact seal makes contact with the i-race. The contact seal prevents the ingress of any dust or moisture into the bearing.

Characteristics

Series: 60

Type: 6003

Execution: Single row

Material: Stainless steel

Sealing: Closure on both sides

Application

- Recommended in: Food & Beverages

Manufacturer ID	Inner diameter mm	Outer diameter mm	Width mm	Internal clearance	Cage	Article
688 2RS W6 VA	8	16	6	CN [normal]	Stainless steel	13015900
61700 2Z VA	10	15	4	CN [normal]	Stainless steel	12433096
61800 2Z VA	10	19	5	CN [normal]	Stainless steel	23223802
61900 2Z VA	10	22	6	CN [normal]	Stainless steel	12433081
6000 2RS VA	10	26	8	CN [normal]	Stainless steel	23198373
6200 2RS VA TW	10	30	9	CN [normal]	Plastic	12749955
6200 2RS VA	10	30	9	CN [normal]	Stainless steel	23198357
6300 2Z VA	10	35	11	CN [normal]	Stainless steel	13000360

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Manufacturer ID	Inner diameter	Outer diameter	Width	Internal clearance	Cage	Article
	mm	mm	mm			
6300 2RS VA	10	35	11	CN (normal)	Stainless steel	23198385
61701 2Z VA	12	18	4	CN (normal)	Stainless steel	12934474
61801 2Z VA	12	21	5	CN (normal)	Stainless steel	12570383
61901 2RS VA	12	24	6	CN (normal)	Stainless steel	12433097
6001 2Z VA	12	28	8	CN (normal)	Stainless steel	23198532
6001 2RS VA	12	28	8	CN (normal)	Stainless steel	12433059
6201 2Z VA	12	32	10	CN (normal)	Stainless steel	12433088
6201 2RS VA	12	32	10	CN (normal)	Stainless steel	12433087
6301 2RS VA	12	37	12	CN (normal)	Stainless steel	12433094
61802 2Z VA	15	24	5	CN (normal)	Stainless steel	12570384
6002 2RS VA	15	32	9	CN (normal)	Stainless steel	23198346
6202 2Z VA	15	35	11	CN (normal)	Stainless steel	23225087
6202 2RS VA TW	15	35	11	CN (normal)	Plastic	12749958
6202 2RS VA	15	35	11	CN (normal)	Stainless steel	23198360
6003 2RS VA	17	35	10	CN (normal)	Stainless steel	23198383
6203 2RS VA	17	40	12	CN (normal)	Stainless steel	23198363
6303 2Z VA	17	47	14	CN (normal)	Stainless steel	23225090
R 12 2RS VA	19.05	41.275	7.85	CN (normal)	Stainless steel	12753319
61804 2RS VA	20	32	7	CN (normal)	Stainless steel	23198536
61904 2RS VA	20	37	9	CN (normal)	Stainless steel	23198578
6004 2RS VA	20	42	12	CN (normal)	Stainless steel	23198361
6204 2RS VA	20	47	14	CN (normal)	Stainless steel	23198559
6304 2RS VA	20	52	15	CN (normal)	Stainless steel	23198477
61705 2RS VA	25	32	4	CN (normal)	Stainless steel	12934448
61805 2RS VA	25	37	7	CN (normal)	Stainless steel	12339927
61905 2RS VA	25	42	9	CN (normal)	Stainless steel	23198473
6005 2RS VA	25	47	12	CN (normal)	Stainless steel	23198351
6205 2RS VA	25	52	15	CN (normal)	Stainless steel	23198577
6305 2RS VA	25	62	17	CN (normal)	Stainless steel	23198539
61806 2RS VA	30	42	7	CN (normal)	Stainless steel	12934479
6006 2RS VA	30	55	13	CN (normal)	Stainless steel	23198347
6206 2RS VA	30	62	16	CN (normal)	Stainless steel	23198350
61907 2RS VA	35	55	10	CN (normal)	Stainless steel	12629927
6207 2RS VA	35	72	17	CN (normal)	Stainless steel	12477474
61808 2RS VA	40	52	7	CN (normal)	Stainless steel	13245354
61908 2RS VA	40	62	12	CN (normal)	Stainless steel	12946626
6208 2RS VA	40	80	18	CN (normal)	Stainless steel	12658925
61909 2RS VA	45	68	12	CN (normal)	Stainless steel	12937045
6009 2RS VA	45	75	16	CN (normal)	Stainless steel	23196001
6209 2RS VA	45	85	19	CN (normal)	Stainless steel	13194777
6010 2RS VA	50	80	16	CN (normal)	Stainless steel	13000340
6210 2RS VA	50	90	20	CN (normal)	Stainless steel	23198467
6011 2RS VA	55	90	18	CN (normal)	Stainless steel	12638379
6012 2RS VA	60	95	18	CN (normal)	Stainless steel	13000343
6212 2RS VA	60	110	22	CN (normal)	Stainless steel	23198538
61914 2RS VA	70	100	16	CN (normal)	Stainless steel	12632773
6020 2RS VA	100	150	24	CN (normal)	Stainless steel	12708300

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