



FAG 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. Both open (unsealed) and sealed versions of the single-row deep groove ball bearings are available. 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 contact seals 2RSR, 2HRS:

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: 62

Type: 6203

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
S623-2Z-HLC	3	10	4	CN (normal)	Stainless steel	14180698
S604-2Z-HLC	4	12	4	CN (normal)	Stainless steel	14180943
S624-2Z-HLC	4	13	5	CN (normal)	Stainless steel	14180701
S624-2RSR-HLC	4	13	5	CN (normal)	Stainless steel	14180700
S634-2RSR-HLC	4	16	5	CN (normal)	Stainless steel	14180709
S605-2Z-HLC	5	14	5	CN (normal)	Stainless steel	14180950
S625-2Z-HLC	5	16	5	CN (normal)	Stainless steel	14180703
S625-2RSR-HLC	5	16	5	CN (normal)	Stainless steel	14180702
S635-2Z-HLC	5	19	6	CN (normal)	Stainless steel	14180711
S606-2Z-HLC	6	17	6	CN (normal)	Stainless steel	14180712
S626-2Z-HLC	6	19	6	CN (normal)	Stainless steel	14180705
S626-2RSR-HLC	6	19	6	CN (normal)	Stainless steel	14180704
S607-2Z-HLC	7	19	6	CN (normal)	Stainless steel	14180823
S607-2RSR-HLC	7	19	6	CN (normal)	Stainless steel	14180713
S627-2Z-HLC	7	22	7	CN (normal)	Stainless steel	14180707

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Manufacturer ID	Inner diameter mm	Outer diameter mm	Width mm	Internal clearance	Cage	Article
S627-2RSR-HLC	7	22	7	CN (normal)	Stainless steel	14180706
S608-2Z-HLC	8	22	7	CN (normal)	Stainless steel	14180825
S608-2RSR-HLC	8	22	7	CN (normal)	Stainless steel	14180824
S628-2RSR-HLC	8	24	8	CN (normal)	Stainless steel	14180487
S629-2Z-HLC	9	26	8	CN (normal)	Stainless steel	14180708
S629-2RSR-HLC	9	26	8	CN (normal)	Stainless steel	14180956
S61700-2RSR-HLC	10	15	4	CN (normal)	Stainless steel	14180757
S61800-2Z-HLC	10	19	5	CN (normal)	Stainless steel	14180827
S61800-2RSR-HLC	10	19	5	CN (normal)	Stainless steel	14180718
S63800-2Z-HLC	10	19	7	CN (normal)	Stainless steel	14180730
S63800-2RSR-HLC	10	19	7	CN (normal)	Stainless steel	14181882
S61900-2Z-HLC	10	22	6	CN (normal)	Stainless steel	14180724
S61900-2RSR-HLC	10	22	6	CN (normal)	Stainless steel	14180725
S6000-2Z-HLC	10	26	8	CN (normal)	Stainless steel	13560769
S6000-2RSR-FD	10	26	8	CN (normal)	Stainless steel	14185119
S6000-2RSR-HLC	10	26	8	CN (normal)	Stainless steel	13243473
S6200-2Z-HLC	10	30	9	CN (normal)	Stainless steel	13560775
S6200-2RSR-FD	10	30	9	CN (normal)	Stainless steel	14185120
S6200-2RSR-HLC	10	30	9	CN (normal)	Stainless steel	11832735
S6300-2RSR-FD	10	35	11	CN (normal)	Stainless steel	14185131
S6300-2RSR-HLC	10	35	11	CN (normal)	Stainless steel	11832962
S61801-2Z-HLC	12	21	5	CN (normal)	Stainless steel	14180719
S63801-2Z-HLC	12	21	7	CN (normal)	Stainless steel	14181884
S61901-2Z-HLC	12	24	6	CN (normal)	Stainless steel	14180759
S61901-2RSR-HLC	12	24	6	CN (normal)	Stainless steel	14180828
S6001-2Z-HLC	12	28	8	CN (normal)	Stainless steel	13560770
S6001-2RSR-FD	12	28	8	CN (normal)	Stainless steel	14185045
S6001-2RSR-HLC	12	28	8	CN (normal)	Stainless steel	11832349
S6201-2Z-HLC	12	32	10	CN (normal)	Stainless steel	13560776
S6201-2RSR-FD	12	32	10	CN (normal)	Stainless steel	14185121
S6201-2RSR-HLC	12	32	10	CN (normal)	Stainless steel	11835601
S6301-2RSR-FD	12	37	12	CN (normal)	Stainless steel	14185132
S6301-2RSR-HLC	12	37	12	CN (normal)	Stainless steel	11835606
S61802-2Z HLC	15	24	5	CN (normal)	Stainless steel	14180721
S61802-2RSR-HLC	15	24	5	CN (normal)	Stainless steel	14180720
S61902-2Z-HLC	15	28	7	CN (normal)	Stainless steel	14180760
S61902-2RSR-HLC	15	28	7	CN (normal)	Stainless steel	14180727
S6002-2Z-HLC	15	32	9	CN (normal)	Stainless steel	13560771
S6002-2RSR-FD	15	32	9	CN (normal)	Stainless steel	14185118
S6002-2RSR-HLC	15	32	9	CN (normal)	Stainless steel	12702003
S6202-2Z-HLC	15	35	11	CN (normal)	Stainless steel	13560777
S6202-2RSR-FD	15	35	11	CN (normal)	Stainless steel	14185122
S6202-2RSR-HLC	15	35	11	CN (normal)	Stainless steel	11832753
S6302-2RSR-FD	15	42	13	CN (normal)	Stainless steel	14185133
S6302-2RSR-HLC	15	42	13	CN (normal)	Stainless steel	11832976
S61803-2RSR-HLC	17	26	5	CN (normal)	Stainless steel	14180854
S61903-2RSR-HLC	17	30	7	CN (normal)	Stainless steel	14180857
S6003-2Z-HLC	17	35	10	CN (normal)	Stainless steel	13560772
S6003-2RSR-FD	17	35	10	CN (normal)	Stainless steel	14185117
S6003-2RSR-HLC	17	35	10	CN (normal)	Stainless steel	11835595
S6203-2RSR-FD	17	40	12	CN (normal)	Stainless steel	14185123
S6203-2RSR-HLC	17	40	12	CN (normal)	Stainless steel	11835603
S6303-2RSR-FD	17	47	14	CN (normal)	Stainless steel	14185134

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Manufacturer ID	Inner diameter mm	Outer diameter mm	Width mm	Internal clearance	Cage	Article
S6303-2RSR-HLC	17	47	14	CN (normal)	Stainless steel	11832982
S61804 -2Z-HLC	20	32	7	CN (normal)	Stainless steel	14180855
S61804-2RSR-HLC	20	32	7	CN (normal)	Stainless steel	14180722
S61904-2RSR-HLC	20	37	9	CN (normal)	Stainless steel	14180728
S6004-2Z-HLC	20	42	12	CN (normal)	Stainless steel	13560773
S6004-2RSR-HLC	20	42	12	CN (normal)	Stainless steel	24211841
S6204-2Z-HLC	20	47	14	CN (normal)	Stainless steel	13560778
S6204-2RSR-FD	20	47	14	CN (normal)	Stainless steel	14185124
S6204-2RSR-HLC	20	47	14	CN (normal)	Stainless steel	11832778
S6304-2RSR-FD	20	52	15	CN (normal)	Stainless steel	14185136
S6304-2RSR-HLC	20	52	15	CN (normal)	Stainless steel	12624498
S61705-2RSR-HLC	25	32	4	CN (normal)	Stainless steel	14180762
S61805-2Z-HLC	25	37	7	CN (normal)	Stainless steel	14180862
S61805-2RSR-HLC	25	37	7	CN (normal)	Stainless steel	14180856
S61905-2Z-HLC	25	42	9	CN (normal)	Stainless steel	14181894
S61905-2RSR-HLC	25	42	9	CN (normal)	Stainless steel	14180765
S6005-2RSR-FD	25	47	12	CN (normal)	Stainless steel	14185116
S6005-2RSR-HLC	25	47	12	CN (normal)	Stainless steel	11832383
S6205-2Z-HLC	25	52	15	CN (normal)	Stainless steel	13560779
S6205-2RSR-HLC-C3	25	52	15	C3	Stainless steel	14180766
S6205-2RSR-FD	25	52	15	CN (normal)	Stainless steel	14184980
S6205-2RSR-HLC	25	52	15	CN (normal)	Stainless steel	11832796
S6305-2RSR-FD	25	62	17	CN (normal)	Stainless steel	14185141
S6305-2RSR-HLC	25	62	17	CN (normal)	Stainless steel	11832996
S61806-2Z-HLC	30	42	7	CN (normal)	Stainless steel	14180784
S61806-2RSR-HLC	30	42	7	CN (normal)	Stainless steel	14180723
S61906-2RSR-HLC	30	47	9	CN (normal)	Stainless steel	14181899
S6006-2Z-HLC	30	55	13	CN (normal)	Stainless steel	13560774
S6006-2RSR-FD	30	55	13	CN (normal)	Stainless steel	14185115
S6006-2RSR-HLC	30	55	13	CN (normal)	Stainless steel	11835598
S6206-2Z-HLC	30	62	16	CN (normal)	Stainless steel	13560780
S6206-2RSR-HLC-C3	30	62	16	C3	Stainless steel	14180643
S6206-2RSR-HLC	30	62	16	CN (normal)	Stainless steel	11832812
S6306-2RSR-FD	30	72	19	CN (normal)	Stainless steel	14185007
S6306-2RSR-HLC	30	72	19	CN (normal)	Stainless steel	11833006
S61807-2RSR-HLC	35	47	7	CN (normal)	Stainless steel	14180957
S61907-2RSR-HLC	35	55	10	CN (normal)	Stainless steel	14181887
S6007-2RSR-FD	35	62	14	CN (normal)	Stainless steel	14185114
S6207-2RSR-FD	35	72	17	CN (normal)	Stainless steel	14185126
S6207-2RSR-HLC	35	72	17	CN (normal)	Stainless steel	11832826
S6307-2RSR-FD	35	80	21	CN (normal)	Stainless steel	14185144
S6307-2RSR-HLC	35	80	21	CN (normal)	Stainless steel	13560782
S61808-2Z-HLC	40	52	7	CN (normal)	Stainless steel	14180764
S61808-2RSR-HLC	40	52	7	CN (normal)	Stainless steel	14180958
S61908-2RSR-HLC	40	62	12	CN (normal)	Stainless steel	14181895
S6008-2RSR-FD	40	68	15	CN (normal)	Stainless steel	14185113
S6008-2RSR-HLC	40	68	15	CN (normal)	Stainless steel	11835599
S6208-2RSR-FD	40	80	18	CN (normal)	Stainless steel	14185127
S6208-2RSR-HLC	40	80	18	CN (normal)	Stainless steel	11832839
S61809-2Z-HLC	45	58	7	CN (normal)	Stainless steel	14180861
S61909-2RSR-HLC	45	68	12	CN (normal)	Stainless steel	14181888
S6009-2RSR-FD	45	75	16	CN (normal)	Stainless steel	14185112
S6009-2RSR-HLC	45	75	16	CN (normal)	Stainless steel	11832418

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S6209-2RSR-FD	45	85	19	CN (normal)	Stainless steel	14185128
S6209-2RSR-HLC	45	85	19	CN (normal)	Stainless steel	11832848
S61810-2Z-HLC	50	65	7	CN (normal)	Stainless steel	14181896
S6010-2RSR-FD	50	80	16	CN (normal)	Stainless steel	14185111
S6010-2RSR-HLC	50	80	16	CN (normal)	Stainless steel	12624480
S6210-2RSR-FD	50	90	20	CN (normal)	Stainless steel	14185129
S6210-2RSR-HLC	50	90	20	CN (normal)	Stainless steel	24200849

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