



SKF 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 2RSH, 2RS1:

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: 61901

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
W 639/2-2Z	2	6	3	CN (normal)	Stainless steel	23223720
D/W R166-2Z	4.762	9.525	3.175	CN (normal)	Stainless steel	23771892
D/W R3-2Z/P6	4.762	12.7	4.978	CN (normal)	Stainless steel	23771894
W 625-2RS1/W64F	5	16	5	CN (normal)	Stainless steel	13530253
W 635-2Z/VT378	6	13	5	CN (normal)	Stainless steel	13530254
D/W R4-2Z	6.35	15.875	4.978	CN (normal)	Stainless steel	23771893
W 61800-2Z	10	19	5	CN (normal)	Stainless steel	23771786
W 61800-2RS1	10	19	5	CN (normal)	Stainless steel	23771785
W 63800-2Z	10	19	7	CN (normal)	Stainless steel	23771887
W 61900-2Z	10	22	6	CN (normal)	Stainless steel	23771809
W 61900-2RS1	10	22	6	CN (normal)	Stainless steel	23771808
W 6000-2Z	10	26	8	CN (normal)	Stainless steel	23771751
W 6000-2Z/VT152	10	26	8	CN (normal)	Stainless steel	24004654
W 6000-2RS1/VP311	10	26	8	CN (normal)	Stainless steel	13201702
W 6000-2RS1	10	26	8	CN (normal)	Stainless steel	23771750

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Manufacturer ID	Inner diameter mm	Outer diameter mm	Width mm	Internal clearance	Cage	Article
W 6000-2RS1/W64F	10	26	8	CN (normal)	Stainless steel	13201704
W 6000-2RS1/W64	10	26	8	CN (normal)	Stainless steel	13201703
W 6200-2Z	10	30	9	CN (normal)	Stainless steel	23771820
W 6200-2RS1	10	30	9	CN (normal)	Stainless steel	23771819
W 6200-2RS1/VP311	10	30	9	CN (normal)	Stainless steel	13201749
W 6200-2RS1/W64	10	30	9	CN (normal)	Stainless steel	13201750
W 6300-2Z	10	35	11	CN (normal)	Stainless steel	23771865
W 6300-2RS1	10	35	11	CN (normal)	Stainless steel	23771864
W 6300-2RS1/VT378	10	35	11	CN (normal)	Stainless steel	12176789
W 6300-2RS1/W64	10	35	11	CN (normal)	Stainless steel	13201792
W 61701-2ZS	12	18	4	CN (normal)	Stainless steel	12121454
W 61701-2RS1	12	18	4	CN (normal)	Stainless steel	13201738
W 61801-2Z	12	21	5	CN (normal)	Stainless steel	23771789
W 61801-2RS1	12	21	5	CN (normal)	Stainless steel	23771788
W 61801-2RS1/VT378	12	21	5	CN (normal)	Stainless steel	12176756
W 61901-2Z	12	24	6	CN (normal)	Stainless steel	23771810
W 61901-2Z/VT378	12	24	6	CN (normal)	Stainless steel	13530250
W 61901-2RS1	12	24	6	CN (normal)	Stainless steel	23225190
W 61901-2RS1/VT378	12	24	6	CN (normal)	Stainless steel	12176763
W 6001-2Z/C2	12	28	8	C2	Stainless steel	12176739
W 6001-2Z	12	28	8	CN (normal)	Stainless steel	23771753
W 6001-2RS1	12	28	8	CN (normal)	Stainless steel	23771752
W 6001-2RS1/VP311	12	28	8	CN (normal)	Stainless steel	13201706
W 6001-2RS1/W64	12	28	8	CN (normal)	Stainless steel	24004656
W 6001-2RS1/W64F	12	28	8	CN (normal)	Stainless steel	13201707
W 6201-2Z	12	32	10	CN (normal)	Stainless steel	23771823
W 6201-2RS1	12	32	10	CN (normal)	Stainless steel	23771822
W 6201-2RS1/VP311	12	32	10	CN (normal)	Stainless steel	13201752
W 6201-2RS1/W64	12	32	10	CN (normal)	Stainless steel	13201753
W 6301-2Z	12	37	12	CN (normal)	Stainless steel	23771867
W 6301-2RS1	12	37	12	CN (normal)	Stainless steel	23771866
W 6301-2RS1/VT378	12	37	12	CN (normal)	Stainless steel	12243111
W 6301-2RS1/W64	12	37	12	CN (normal)	Stainless steel	13201793
W 61802-2Z	15	24	5	CN (normal)	Stainless steel	23771791
W 61802-2RS1	15	24	5	CN (normal)	Stainless steel	23771790
W 61902-2Z	15	28	7	CN (normal)	Stainless steel	23771813
W 61902-2RS1	15	28	7	CN (normal)	Stainless steel	23771812
W 6002-2Z	15	32	9	CN (normal)	Stainless steel	23771755
W 6002-2Z/VT378	15	32	9	CN (normal)	Stainless steel	13530247
W 6002-2RS1	15	32	9	CN (normal)	Stainless steel	23771754
W 6002-2RS1/VP311	15	32	9	CN (normal)	Stainless steel	13201710
W 6002-2RS1/W64	15	32	9	CN (normal)	Stainless steel	13201711
W 6202-2Z	15	35	11	CN (normal)	Stainless steel	23771826
W 6202-2Z/VT378	15	35	11	CN (normal)	Stainless steel	13530252
W 6202-2RS1	15	35	11	CN (normal)	Stainless steel	23771825
W 6202-2RS1/VP311	15	35	11	CN (normal)	Stainless steel	13201755
W 6202-2RS1/W64	15	35	11	CN (normal)	Stainless steel	13201756
W 6202-2RS1/W64L	15	35	11	CN (normal)	Stainless steel	13201758
W 6202-2RS1/W64F	15	35	11	CN (normal)	Stainless steel	13201757
W 6302-2Z	15	42	13	CN (normal)	Stainless steel	23771869
W 6302-2RS1	15	42	13	CN (normal)	Stainless steel	23771868
W 6302-2RS1/W64	15	42	13	CN (normal)	Stainless steel	13201795
W 61803-2Z	17	26	5	CN (normal)	Stainless steel	24004664

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Manufacturer ID	Inner diameter mm	Outer diameter mm	Width mm	Internal clearance	Cage	Article
W 61803-2RS1	17	26	5	CN (normal)	Stainless steel	23771792
W 61903-2Z	17	30	7	CN (normal)	Stainless steel	23223815
W 61903-2RS1	17	30	7	CN (normal)	Stainless steel	23771814
W 61903-2RS1/VT378	17	30	7	CN (normal)	Stainless steel	12176765
W 6003-2Z	17	35	10	CN (normal)	Stainless steel	23771757
W 6003-2RS1	17	35	10	CN (normal)	Stainless steel	23771756
W 6003-2RS1/VP311	17	35	10	CN (normal)	Stainless steel	13201712
W 6003-2RS2/VT127	17	35	10	CN (normal)	Stainless steel	13530248
W 6003-2RS1/W64	17	35	10	CN (normal)	Stainless steel	12970511
W 6003-2RS1/W64F	17	35	10	CN (normal)	Stainless steel	13201713
W 6203-2Z	17	40	12	CN (normal)	Stainless steel	23771830
W 6203-2RS1	17	40	12	CN (normal)	Stainless steel	23771829
W 6203-2RS1/VP311	17	40	12	CN (normal)	Stainless steel	13201761
W 6203-2RS1/W64	17	40	12	CN (normal)	Stainless steel	13701290
W 6203-2RS1/W64F	17	40	12	CN (normal)	Stainless steel	13701288
W 6303-2Z	17	47	14	CN (normal)	Stainless steel	23771872
W 6303-2RS1	17	47	14	CN (normal)	Stainless steel	23771870
W 6303-2RS1/W64	17	47	14	CN (normal)	Stainless steel	13201796
W 61804-2Z	20	32	7	CN (normal)	Stainless steel	12465260
W 61804-2RS1	20	32	7	CN (normal)	Stainless steel	23771793
W 61804-2RS1/VT378	20	32	7	CN (normal)	Stainless steel	12176760
W 61804-2RS1/W64	20	32	7	CN (normal)	Stainless steel	13201742
W 61904-2RS1	20	37	9	CN (normal)	Stainless steel	23771816
W 61904-2RS1/W64	20	37	9	CN (normal)	Stainless steel	13701287
W 6004-2Z	20	42	12	CN (normal)	Stainless steel	23771760
W 6004-2RS1	20	42	12	CN (normal)	Stainless steel	23771759
W 6004-2RS1/VP311	20	42	12	CN (normal)	Stainless steel	13201714
W 6004-2RS1/W64	20	42	12	CN (normal)	Stainless steel	24004659
W 6004-2RS1/W64F	20	42	12	CN (normal)	Stainless steel	13201715
W 6204-2Z	20	47	14	CN (normal)	Stainless steel	23771833
W 6204-2RS1	20	47	14	CN (normal)	Stainless steel	23771832
W 6204-2RS1/VP311	20	47	14	CN (normal)	Stainless steel	13201764
W 6204-2RS1/W64	20	47	14	CN (normal)	Stainless steel	13201765
W 6204-2RS1/W64F	20	47	14	CN (normal)	Stainless steel	13201766
W 6304-2Z	20	52	15	CN (normal)	Stainless steel	23771874
W 6304-2RS1	20	52	15	CN (normal)	Stainless steel	23771873
W 6304-2RS1/VT378	20	52	15	CN (normal)	Stainless steel	12176793
W 6304-2RS1/W64	20	52	15	CN (normal)	Stainless steel	13201797
W 61805-2RS1	25	37	7	CN (normal)	Stainless steel	23771794
W 61905-2RS1	25	42	9	CN (normal)	Stainless steel	23771817
W 61905-2RS1/VT378	25	42	9	CN (normal)	Stainless steel	12176767
W 61905-2RS1/W64F	25	42	9	CN (normal)	Stainless steel	13201748
W 61905-2RS1/W64	25	42	9	CN (normal)	Stainless steel	13201747
W 6005-2Z	25	47	12	CN (normal)	Stainless steel	23771763
W 6005-2RS1	25	47	12	CN (normal)	Stainless steel	23771762
W 6005-2RS1/VP311	25	47	12	CN (normal)	Stainless steel	13201716
W 6005-2RS1/W64F	25	47	12	CN (normal)	Stainless steel	12645155
W 6005-2RS1/W64	25	47	12	CN (normal)	Stainless steel	13201717
W 6205-2Z	25	52	15	CN (normal)	Stainless steel	23771836
W 6205-2RS1/C3	25	52	15	C3	Stainless steel	24207221
W 6205-2RS1/C3W64	25	52	15	C3	Stainless steel	13201767
W 6205-2RS1/VP311	25	52	15	CN (normal)	Stainless steel	13201768
W 6205-2RS1	25	52	15	CN (normal)	Stainless steel	23771835

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Manufacturer ID	Inner diameter	Outer diameter	Width	Internal clearance	Cage	Article
	mm	mm	mm			
W 6205-2RS1/W64F	25	52	15	CN (normal)	Stainless steel	13701289
W 6205-2RS1/W64	25	52	15	CN (normal)	Stainless steel	13201769
W 6305-2Z	25	62	17	CN (normal)	Stainless steel	23771876
W 6305-2RS1	25	62	17	CN (normal)	Stainless steel	23771875
W 6305-2RS1/VT378	25	62	17	CN (normal)	Stainless steel	12342488
W 6305-2RS1/W64	25	62	17	CN (normal)	Stainless steel	13201799
W 6305-2RS1/W64F	25	62	17	CN (normal)	Stainless steel	13201800
W 61906-2RS1	30	47	9	CN (normal)	Stainless steel	12176768
W 6006-2Z	30	55	13	CN (normal)	Stainless steel	23771766
W 6006-2RS1	30	55	13	CN (normal)	Stainless steel	23771765
W 6006-2RS1/VP311	30	55	13	CN (normal)	Stainless steel	13201718
W 6006-2RS1/W64	30	55	13	CN (normal)	Stainless steel	24004660
W 6006-2RS1/W64F	30	55	13	CN (normal)	Stainless steel	13201719
W 6206-2Z	30	62	16	CN (normal)	Stainless steel	23771838
W 6206-2RS1	30	62	16	CN (normal)	Stainless steel	23771837
W 6206-2RS1/VP311	30	62	16	CN (normal)	Stainless steel	13201772
W 6206-2RS1/W64	30	62	16	CN (normal)	Stainless steel	13201773
W 6306-2Z	30	72	19	CN (normal)	Stainless steel	24004674
W 6306-2RS1	30	72	19	CN (normal)	Stainless steel	23771878
W 6306-2RS1/W64	30	72	19	CN (normal)	Stainless steel	13201801
W 61807-2RS1	35	47	7	CN (normal)	Stainless steel	13201744
W 61907-2RS1	35	55	15	CN (normal)	Stainless steel	12176770
W 6007-2Z	35	62	14	CN (normal)	Stainless steel	23771768
W 6007-2RS1	35	62	14	CN (normal)	Stainless steel	23771767
W 6007-2RS1/VP311	35	62	14	CN (normal)	Stainless steel	13201720
W 6007-2RS1/W64	35	62	14	CN (normal)	Stainless steel	12745274
W 6207-2Z	35	72	17	CN (normal)	Stainless steel	24004669
W 6207-2RS1	35	72	17	CN (normal)	Stainless steel	23771840
W 6207-2RS1/VP311	35	72	17	CN (normal)	Stainless steel	13201774
W 6207-2RS1/W64F	35	72	17	CN (normal)	Stainless steel	13201775
W 6207-2RS1/W64	35	72	17	CN (normal)	Stainless steel	12984415
W 61908-2RS1	40	62	12	CN (normal)	Stainless steel	12699055
W 6008-2Z	40	68	15	CN (normal)	Stainless steel	23771770
W 6008-2RS1	40	68	15	CN (normal)	Stainless steel	23771769
W 6008-2RS1/VP311	40	68	15	CN (normal)	Stainless steel	13201721
W 6008-2RS1/W64	40	68	15	CN (normal)	Stainless steel	13201722
W 6208-2Z	40	80	18	CN (normal)	Stainless steel	23771843
W 6208-2RS1	40	80	18	CN (normal)	Stainless steel	23771842
W 6208-2RS1/VP311	40	80	18	CN (normal)	Stainless steel	13201777
W 6208-2RS1/W64	40	80	18	CN (normal)	Stainless steel	13201778
W 61909-2RS1	45	68	12	CN (normal)	Stainless steel	12176771
W 6009-2Z	45	75	16	CN (normal)	Stainless steel	13201723
W 6009-2RS1	45	76	16	CN (normal)	Stainless steel	12190066
W 6009-2RS1/VT378	45	76	16	CN (normal)	Stainless steel	12176747
W 6209-2RS1	45	85	19	CN (normal)	Stainless steel	11951493
W 6209-2RS1/VT378	45	85	19	CN (normal)	Stainless steel	12176782
W 6010-2RS1	50	80	16	CN (normal)	Stainless steel	23771771
W 6010-2RS1/VT378	50	80	16	CN (normal)	Stainless steel	12176748
W 6010-2RS1/W64	50	80	16	CN (normal)	Stainless steel	13201724
W 6210-2Z	50	90	20	CN (normal)	Stainless steel	13201781
W 6210-2RS1	50	90	20	CN (normal)	Stainless steel	12453587
W 6210-2RS1/VT378	50	90	20	CN (normal)	Stainless steel	12176784
W 6011-2RS1	55	90	18	CN (normal)	Stainless steel	13530249

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