



SKF Miniature ball bearing stainless steel closure on both sides

Miniature ball bearings are single row deep groove ball bearings with a bore diameter of up to 10 mm. Single row deep groove ball bearings are particularly versatile. They are simple in design, non-separable, suitable for high and very high speeds and are robust in operation, requiring little maintenance. Single row deep groove ball bearings have deep, uninterrupted raceway grooves. These raceway grooves have a close osculation with the balls, enabling the bearings to accommodate radial loads and axial loads in both directions. Miniature ball bearings are available open or capped (with seals or shields). Bearings capped on both sides are lubricated for the life of the bearing and should not be washed or relubricated. They are filled with the appropriate amount of a high-quality grease under clean conditions. The bearings are considered virtually maintenance-free.

Bearings with shields 2Z:

Shields are fitted in the outer ring and do not make contact with the inner ring, but form a narrow gap with it. Shields are made of sheet steel.

Bearings with low-friction seals 2RSL, 2RZ:

Bearings with low-friction seals can be operated at the same speeds as bearings with shields, but with improved sealing effectiveness. The seals form an extremely narrow gap with the inner ring shoulder. Non-contact seals are made of oil and wear-resistant NBR that is reinforced by a sheet steel insert.

Bearing with contact seals 2RSH, 2RS1:

Contact seals are made of oil and wear-resistant NBR or FKM and are reinforced with a sheet steel insert. The seals, which are fitted in a recess on the outer ring, make good, positive contact with the recess, without deforming the outer ring.

Characteristics

Series: 62

Type: 635

Execution: Single row

Material: Stainless steel

Sealing: Closure on both sides

With flange: No

Application

- Recommended in: Food & Beverages

Manufacturer ID	Inner diameter mm	Outer diameter mm	Width mm	Internal clearance	Cage	Article
W 638/1.5-2Z	1.5	4	2	CN (normal)	Stainless steel	23527341
W 638/2-2Z	2	5	2.3	CN (normal)	Stainless steel	12042797
W 638/2.5-2Z	2.5	6	2.6	CN (normal)	Stainless steel	13201803
W 637/3-2Z	3	6	3	CN (normal)	Stainless steel	23771880
W 638/3-2Z	3	7	3	CN (normal)	Stainless steel	23223842
W 619/3-2Z	3	8	3	CN (normal)	Stainless steel	23771795
W 639/3-2Z	3	8	4	CN (normal)	Stainless steel	23771889
W 623 R-2Z	3	10	4	CN (normal)	Stainless steel	12121458
W 623-2Z	3	10	4	CN (normal)	Stainless steel	23771844
W 623-2RS1	3	10	4	CN (normal)	Stainless steel	13201782
W 627/4-2Z	4	7	2.5	CN (normal)	Stainless steel	12033241
W 628/4-2Z	4	9	3.5	CN (normal)	Stainless steel	23771854

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Manufacturer ID	Inner diameter mm	Outer diameter mm	Width mm	Internal clearance	Cage	Article
W 638/4-2Z	4	9	4	CN (normal)	Stainless steel	23771882
W 638/4 R-2Z	4	10.3	4	CN (normal)	Stainless steel	12121467
W 619/4-2Z	4	11	4	CN (normal)	Stainless steel	23223804
W 604-2Z	4	12	4	CN (normal)	Stainless steel	23771772
W 604-2RS1	4	12	4	CN (normal)	Stainless steel	13201726
W 604-2RS1/W64	4	12	4	CN (normal)	Stainless steel	13201727
W 624-2Z	4	13	5	CN (normal)	Stainless steel	23771846
W 624-2RS1	4	13	5	CN (normal)	Stainless steel	11616384
W 634-2Z	4	16	5	CN (normal)	Stainless steel	13201802
W 634-2RS1	4	16	5	CN (normal)	Stainless steel	12325879
W 627/5-2Z	5	8	2.5	CN (normal)	Stainless steel	13201786
W 628/5-2Z	5	11	4	CN (normal)	Stainless steel	23771855
W 638/5-2Z	5	11	5	CN (normal)	Stainless steel	23771884
W 638/5 R-2Z	5	12.5	5	CN (normal)	Stainless steel	12121468
W 619/5-2Z	5	13	4	CN (normal)	Stainless steel	23771798
W 605-2Z	5	14	5	CN (normal)	Stainless steel	13201729
W 605-2RS1	5	14	5	CN (normal)	Stainless steel	13201728
W 625-2Z	5	16	5	CN (normal)	Stainless steel	23771848
W 625-2RS1	5	16	5	CN (normal)	Stainless steel	23771847
W 635-2Z	5	19	6	CN (normal)	Stainless steel	23771879
W 627/6-2Z	6	7	2.5	CN (normal)	Stainless steel	24207872
W 628/6 R-2Z	6	13	5	CN (normal)	Stainless steel	23771858
W 628/6-2Z	6	13	5	CN (normal)	Stainless steel	23771857
W 628/6-2RS1	6	13	5	CN (normal)	Stainless steel	13201788
W 619/6-2Z	6	15	5	CN (normal)	Stainless steel	23771800
W 606-2Z	6	17	6	CN (normal)	Stainless steel	13201731
W 606-2RS1	6	17	6	CN (normal)	Stainless steel	13201730
W 626-2Z	6	19	6	CN (normal)	Stainless steel	23771851
W 626-2RS1	6	19	6	CN (normal)	Stainless steel	23771850
W 626-2RS1/VT378	6	19	6	CN (normal)	Stainless steel	12176787
W 626-2RS1/W64F	6	19	6	CN (normal)	Stainless steel	13201785
W 626-2RS1/W64	6	19	6	CN (normal)	Stainless steel	12766358
W 628/7-2Z	7	14	5	CN (normal)	Stainless steel	23771859
W 619/7-2Z	7	17	5	CN (normal)	Stainless steel	23771802
W 607-2Z	7	19	6	CN (normal)	Stainless steel	23771774
W 607-2RS1	7	19	6	CN (normal)	Stainless steel	23771773
W 607-2RS1/VT378	7	19	6	CN (normal)	Stainless steel	12176751
W 607-2RS1/W64F	7	19	6	CN (normal)	Stainless steel	13201732
W 627-2Z	7	22	7	CN (normal)	Stainless steel	23771853
W 627-2RS1	7	22	7	CN (normal)	Stainless steel	13201787
W 637/8-2Z	8	12	3.5	CN (normal)	Stainless steel	12255727
W 637/8 R-2Z	8	12	3.5	CN (normal)	Stainless steel	12121465
W 628/8-2Z	8	16	5	CN (normal)	Stainless steel	23771861
W 628/8-2RS1	8	16	5	CN (normal)	Stainless steel	23771860
W 638/8 R-2Z	8	16	6	CN (normal)	Stainless steel	23771886
W 638/8-2Z	8	16	6	CN (normal)	Stainless steel	23771885
W 619/8-2Z	8	19	6	CN (normal)	Stainless steel	23771804
W 619/8-2RS1	8	19	6	CN (normal)	Stainless steel	23960962
W 608-2Z	8	22	7	CN (normal)	Stainless steel	23771777
W 608-2RS1/VP311	8	22	7	CN (normal)	Stainless steel	12979886
W 608-2RS1	8	22	7	CN (normal)	Stainless steel	23771776
W 608-2RS1/W64F	8	22	7	CN (normal)	Stainless steel	13201735
W 608-2RS1/W64	8	22	7	CN (normal)	Stainless steel	13201734

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Manufacturer ID	Inner diameter mm	Outer diameter mm	Width mm	Internal clearance	Cage	Article
W 628-2Z	8	24	8	CN (normal)	Stainless steel	13201790
W 608 R-2Z	8	25	7	CN (normal)	Stainless steel	12121452
W 628/9-2Z	9	17	5	CN (normal)	Stainless steel	23771862
W 628/9-2RS1	9	17	5	CN (normal)	Stainless steel	13201789
W 619/9-2Z	9	20	6	CN (normal)	Stainless steel	23771806
W 609-2Z	9	24	7	CN (normal)	Stainless steel	23771779
W 609-2RS1	9	24	7	CN (normal)	Stainless steel	12190043
W 609-2RS1/VT378	9	24	7	CN (normal)	Stainless steel	12176754
W 629-2Z	9	26	8	CN (normal)	Stainless steel	23771863
W 629-2RS1	9	26	8	CN (normal)	Stainless steel	13201791

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