



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: 63

Type: 6205

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 61800-2Z	10	19	5	CN (normal)	Stainless steel	S61800ZZ-SKF
W 61800-2RS1	10	19	5	CN (normal)	Stainless steel	S618002RS-SKF
W 63800-2Z	10	19	7	CN (normal)	Stainless steel	S63800ZZ-SKF
W 61900-2Z	10	22	6	CN (normal)	Stainless steel	S61900ZZ-SKF
W 61900-2RS1	10	22	6	CN (normal)	Stainless steel	S619002RS-SKF
W 6000-2Z	10	26	8	CN (normal)	Stainless steel	S6000ZZ-SKF
W 6000-2RS1	10	26	8	CN (normal)	Stainless steel	S60002RS-SKF
W 6200-2RS1	10	30	9	CN (normal)	Stainless steel	S62002RS-SKF
W 6300-2RS1	10	35	11	CN (normal)	Stainless steel	S63002RS-SKF
W 61801-2RS1	12	21	5	CN (normal)	Stainless steel	S618012RS-SKF
W 61901-2Z	12	24	6	CN (normal)	Stainless steel	S61901ZZ-SKF
W 61901-2RS1	12	24	6	CN (normal)	Stainless steel	S619012RS-SKF
W 6001-2Z	12	28	8	CN (normal)	Stainless steel	S6001ZZ-SKF
W 6001-2RS1	12	28	8	CN (normal)	Stainless steel	S60012RS-SKF
W 6201-2RS1	12	32	10	CN (normal)	Stainless steel	S62012RS-SKF

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Manufacturer ID	Inner diameter mm	Outer diameter mm	Width mm	Internal clearance	Cage	Article
W 6301-2RS1	12	37	12	CN (normal)	Stainless steel	S63012RS-SKF
W 61802-2RS1	15	24	5	CN (normal)	Stainless steel	S618022RS-SKF
W 61902-2RS1	15	28	7	CN (normal)	Stainless steel	S619022RS-SKF
W 6002-2Z	15	32	9	CN (normal)	Stainless steel	S6002ZZ-SKF
W 6002-2RS1	15	32	9	CN (normal)	Stainless steel	S60022RS-SKF
W 6002-2RS1/W64	15	32	9	CN (normal)	Stainless steel	S60022RSW64-SKF
W 6202-2Z	15	35	11	CN (normal)	Stainless steel	S6202ZZ-SKF
W 6202-2RS1	15	35	11	CN (normal)	Stainless steel	S62022RS-SKF
W 6302-2RS1	15	42	13	CN (normal)	Stainless steel	S63022RS-SKF
W 61803-2Z	17	26	5	CN (normal)	Stainless steel	S61803ZZ-SKF
W 61903-2Z	17	30	7	CN (normal)	Stainless steel	S61903ZZ-SKF
W 61903-2RS1	17	30	7	CN (normal)	Stainless steel	S619032RS-SKF
W 6003-2RS1	17	35	10	CN (normal)	Stainless steel	S60032RS-SKF
W 6203-2RS1	17	40	12	CN (normal)	Stainless steel	S62032RS-SKF
W 6303-2RS1	17	47	14	CN (normal)	Stainless steel	S63032RS-SKF
W 61804-2RS1	20	32	7	CN (normal)	Stainless steel	S618042RS-SKF
W 61904-2RS1	20	37	9	CN (normal)	Stainless steel	S619042RS-SKF
W 6004-2Z	20	42	12	CN (normal)	Stainless steel	S6004ZZ-SKF
W 6004-2RS1	20	42	12	CN (normal)	Stainless steel	S60042RS-SKF
W 6004-2RS1/W64F	20	42	12	CN (normal)	Stainless steel	S60042RSW64F-SKF
W 6204-2Z	20	47	14	CN (normal)	Stainless steel	S6204ZZ-SKF
W 6204-2RS1	20	47	14	CN (normal)	Stainless steel	S62042RS-SKF
W 6204-2RS1/W64F	20	47	14	CN (normal)	Stainless steel	S62042RSW64F-SKF
W 6304-2RS1	20	52	15	CN (normal)	Stainless steel	S63042RS-SKF
W 61805-2RS1	25	37	7	CN (normal)	Stainless steel	S618052RS-SKF
W 61905-2RS1	25	42	9	CN (normal)	Stainless steel	S619052RS-SKF
W 6005-2Z	25	47	12	CN (normal)	Stainless steel	S6005ZZ-SKF
W 6005-2RS1	25	47	12	CN (normal)	Stainless steel	S60052RS-SKF
W 6205-2Z	25	52	15	CN (normal)	Stainless steel	S6205ZZ-SKF
W 6205-2RS1	25	52	15	CN (normal)	Stainless steel	S62052RS-SKF
W 6305-2RS1	25	62	17	CN (normal)	Stainless steel	S63052RS-SKF
W 61906-2RS1	30	47	9	CN (normal)	Stainless steel	S619062RS-SKF
W 6006-2RS1	30	55	13	CN (normal)	Stainless steel	S60062RS-SKF
W 6206-2RS1	30	62	16	CN (normal)	Stainless steel	S62062RS-SKF
W 6206-2RS1/VP311	30	62	16	CN (normal)	Stainless steel	W6206-2RS1VP311-SKF
W 6306-2RS1	30	72	19	CN (normal)	Stainless steel	S63062RS-SKF
W 6007-2RS1	35	62	14	CN (normal)	Stainless steel	S60072RS-SKF
W 6207-2RS1	35	72	17	CN (normal)	Stainless steel	S62072RS-SKF
W 6008-2RS1	40	68	15	CN (normal)	Stainless steel	S60082RS-SKF
W 6208-2RS1	40	80	18	CN (normal)	Stainless steel	S62082RS-SKF
W 6009-2RS1	45	76	16	CN (normal)	Stainless steel	S60092RS-SKF
W 6209-2RS1	45	85	19	CN (normal)	Stainless steel	S62092RS-SKF
W 6010-2RS1	50	80	16	CN (normal)	Stainless steel	S60102RS-SKF
W 6210-2RS1	50	90	20	CN (normal)	Stainless steel	S62102RS-SKF

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