

NEW

Spherical Outer-Ring Stainless Bearings

Bearing
selection

Products
Series

AISI
440C

AISI
304

AISI
630

High-
Silicon

Pure
Titanium

Ceramic

Heat
Resistance

Grease
Free

Low
Torque

Solid
Grease

Water-resistant
Food grade
Grease

Clean room
Grease

Vacuum
Grease

Conductive
Grease

Set
Screw

Alignment
Function

Flange

Flange
Model

Spherical
Outer ring

6800
6900

SS5200
5200

5800

Customization

Examples of
Use



Corrosion
resistance



Transportation

This bearing features a spherical outer ring and can also be used on V-shaped rails.

Product Specifications

Standard Specifications	
Inner and Outer Rings	AISI 440C
Balls	AISI 440C
Retainer	AISI 304
Shield	AISI 304
Seal*1	Nitrile rubber
Lubricant*2	Heat-resistant grease

The following special specifications are also available.

*1 Fluorine rubber seal

*2 Food grade grease and other special greases

Composition of bearing number

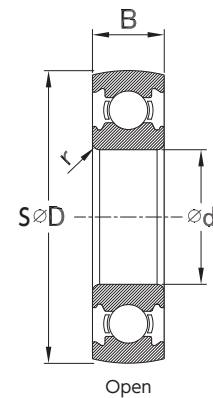
SS A 6000 2RS

1 2 3 4

- 1 SS : Material AISI 440C
- 2 A : Spherical outer-ring
- 3 Basic number
- 4 Blank : Open
ZZ : Double steel plate shields
2RS : Double contact rubber seals

Table of Dimensions

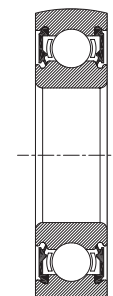
Bearing Numbers	d	D	B	r min.	Basic Load Ratings	
	mm	mm	mm	mm	C _r N	C _{0r} N
SS A6900	10	22	6	0.3	2700	1270
SS A6000	10	26	8	0.3	4600	1970
SS A6200	10	30	9	0.6	5100	2390
SS A6901	12	24	6	0.3	2890	1460
SS A6001	12	28	8	0.3	5100	2390
SS A6201	12	32	10	0.6	6800	3050
SS A6902	15	28	7	0.3	4300	2250
SS A6002	15	32	9	0.3	5600	2840
SS A6202	15	35	11	0.6	7650	3750
SS A6903	17	30	7	0.3	4600	2550
SS A6003	17	35	10	0.3	6000	3250
SS A6203	17	40	12	0.6	9600	4800
SS A6904	20	37	9	0.3	6400	3700
SS A6004	20	42	12	0.6	9400	5050
SS A6204	20	47	14	1.0	12800	6650
SS A6905	25	42	9	0.3	7000	4550
SS A6005	25	47	12	0.6	10100	5850
SS A6205	25	52	15	1.0	14000	7900
SS A6906	30	47	9	0.3	7250	5000
SS A6006	30	55	13	1.0	13200	8300
SS A6206	30	62	16	1.0	19500	11300
SS A6907	35	55	10	0.6	10400	7200
SS A6007	35	62	14	1.0	16000	10300
SS A6207	35	72	17	1.1	25700	15400
SS A6908	40	62	12	0.6	13700	9900
SS A6008	40	68	15	1.0	16800	11600
SS A6208	40	80	18	1.1	29100	17900
SS A6909	45	68	12	0.6	14100	10900
SS A6009	45	75	16	1.0	21000	15100
SS A6209	45	85	19	1.1	32700	20500
SS A6910	50	72	12	0.6	14500	11700
SS A6010	50	80	16	1.0	21800	16600
SS A6210	50	90	20	1.1	35100	23200



Open



ZZ



2RS

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Conductive Grease

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Alignment Function

Flange Unit

Guide Wheel

Spherical Outer ring

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