

S series

RoHS compliant

H type B type

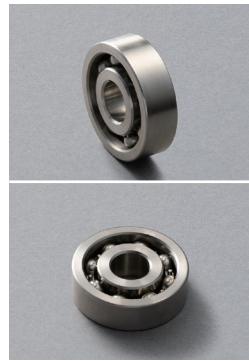
Stainless steel bearing (Water resistant) | Flat

Inner ring

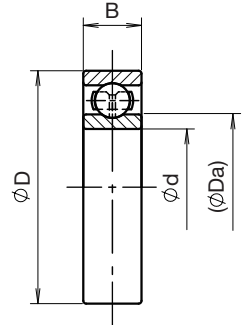
Screw shaft

Model 1

Inner ring

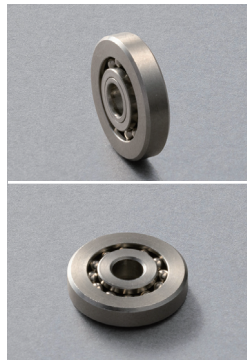


S-H

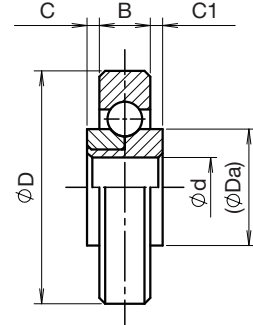


Model 2

Inner ring (Inner race width: Wide)

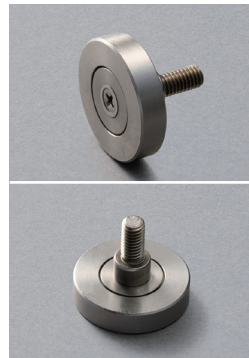


S-H-W

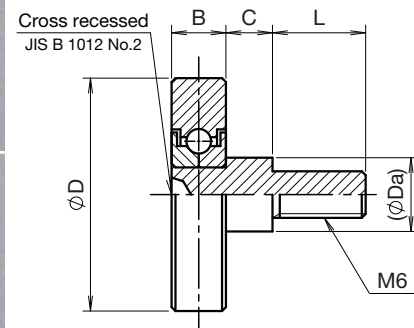


Model 3

Screw shaft (Cross recessed head)



S-B

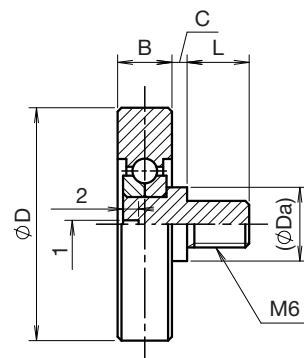


Model 4

Screw shaft (Slotted head)



S-B



Product information

Feature classification

Outer race type

Flat	Convex round	U-groove
V-groove	Concave groove	One-sided flange
Plastic	Stainless steel	Steel
Ceramic	Rubber	

Inner race type

Inner ring	Inner race width wide
Screw shaft	Riveting shaft

Feature

Water resistant	Heat resistant	Chemical resistant
Antistatic	Non magnetic	High speed rotation
High load	Toughness	Low noise

Components of product name

No	Item	Symbol	Meaning
1	Outer race material symbol	S	Stainless steel
2	Outer race shape symbol	(R)	Flat *Omitted
3	Retainer or full ball type	Omitted	Retainer (Polypropylene)
		S	Full ball
4	Outer race outer diameter	-	(Numerical ϕD dimension shown in drawing)
5	Ball material symbol	S	Stainless ball
6	Inner race shape symbol	H	Inner ring
		B	Screw shaft
7	Inner race material symbol	S	Stainless steel
8	Bore and clearance dimension for mounting	-	(Numerical $\phi d/C$ dimension shown in drawing)
		W	Inner race width (Wide type) & C/C1 dimension
9	Additional information	GN	No grease
		304	Main materials listed *Including omitted
		12	Numerical L dimension shown in drawing *Including omitted

Lineup

S-H

Inner ring (No grease)

(mm)

Model	D $\begin{smallmatrix} 0 \\ -0.03 \end{smallmatrix}$	d $\begin{smallmatrix} +0.05 \\ 0 \end{smallmatrix}$	B $\begin{smallmatrix} 0 \\ -0.05 \end{smallmatrix}$	Da	Weight (g)	JIS equivalent	Code	Part No.
1	16	8	4	10	3.0	688	233002	S-16-SHS8-304-GN
1	22	10	6	14	9.8	6900	233007	S-22-SHS10-304-GN
1		8	7	12	11.7	608	233003	S-22-SHS8-304-GN
1	24	12	6	16	17.1	6901	233008	S-24-SHS12-304-GN
1	26	9	8	14.7	17.5	629	233009	S-26-SHS9-304-GN
1	28	12	8	17	21.3	6001	233000	S-28-SHS12-304-GN
1		15	7	19	16.1	6902	233001	S-28-SHS15-304-GN
1	30	10	9	17	31.5	6200	233005	S-30-SHS10-304-GN
1	32	12	10	18	36.8	6201	233006	S-32-SHS12-304-GN

S-H-W

Inner ring (Inner race width: Wide and no grease)

(mm)

Model	D $\begin{smallmatrix} 0 \\ -0.1 \end{smallmatrix}$	d $\begin{smallmatrix} +0.1 \\ 0 \end{smallmatrix}$	B ± 0.2	C	C1	Da	Weight (g)	JIS equivalent	Code	Part No.
2	16	4.1	3.5	0.25	0.25	8	-	-	233017	SS-16-SHS4.1W0.25-GN

S-B

Screw shaft

(mm)

Model	D $\begin{smallmatrix} 0 \\ -0.1 \end{smallmatrix}$	B $\begin{smallmatrix} 0 \\ -0.2 \end{smallmatrix}$	C ± 0.4	L ± 0.5	Da	Screw specification	Rosette coined	Weight (g)	Code	Part No.
3	22	7 ± 0.2	2	8	9.5	M6 P1.0	-	20.0	232050	SS-22-SBS2
4	30	7	0.5	8	9.5	M6 P1.0	-	35.4	232060	SS-30-SBS0.5
3	30 ± 0.1	7	6	12	9.5	M6 P1.0	-	41.0	232055	SS-30-SBS6-12

*JIS notation is equivalent to JIS B 1512 (Rolling bearings - main dimension) and JIS B 1513 (Nominal numbers of rolling bearings), and this product does not conform to JIS standards.

*All products are made-to-order only, but some may be in stock. Please contact your local distributor or trading company in case of urgent need.

S-H Materials by component

Outer race material	Inner race material	Retainer material	Ball materia	Code	Part No.
SUS303	SUS303	-	SUS304	233017	SS-16-SHS4.1W0.25-GN
SUS304	SUS304	SUS304	SUS304	233002	S-16-SHS8-304-GN
SUS304	SUS304	SUS304	SUS304	233007	S-22-SHS10-304-GN
SUS304	SUS304	SUS304	SUS304	233003	S-22-SHS8-304-GN
SUS304	SUS304	SUS304	SUS304	233008	S-24-SHS12-304-GN
SUS304	SUS304	SUS304	SUS304	233009	S-26-SHS9-304-GN
SUS304	SUS304	SUS304	SUS304	233000	S-28-SHS12-304-GN
SUS304	SUS304	SUS304	SUS304	233001	S-28-SHS15-304-GN
SUS304	SUS304	SUS304	SUS304	233005	S-30-SHS10-304-GN
SUS304	SUS304	SUS304	SUS304	233006	S-32-SHS12-304-GN

S-B Materials by component

Outer race material	Inner race material	Retainer material	Ball materia	Code	Part No.
SUS303	SUS303	SUSXM7	SUS304	232050	SS-22-SBS2
SUS303	SUS303	SUS303	SUS304	232060	SS-30-SBS0.5
SUS303	SUS303	SUSXM7	SUS440C	232055	SS-30-SBS6-12