

A series

RoHS compliant

H type A type

Metal bearing (Heavy duty) | Flat and U-groove

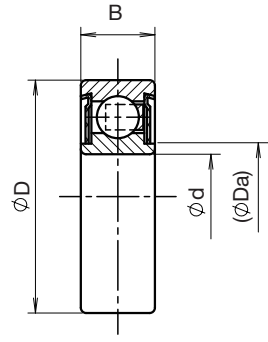
Inner ring

Riveting shaft

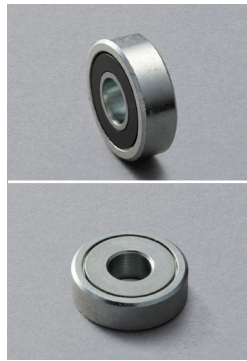
Model 1 Inner ring (Retainer)



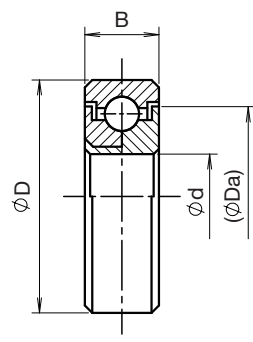
A-H



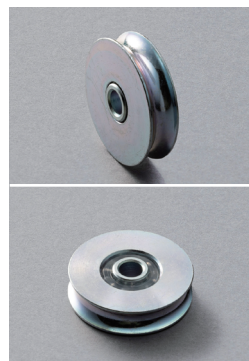
Model 2 Inner ring (Full ball)



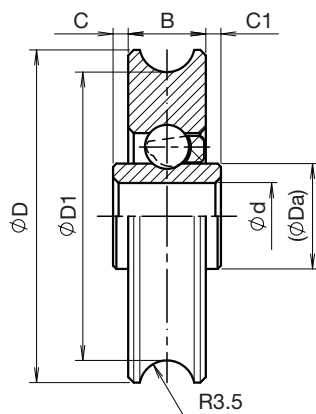
A-H



Model 3 Inner ring (Inner race width: Wide and outer race U-groove)



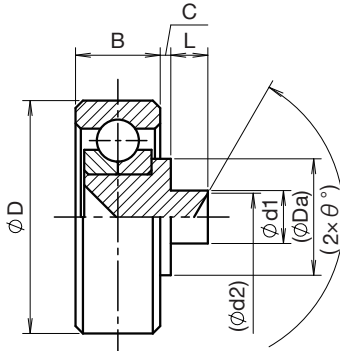
A-H-W



Model 4 Riveting shaft



A-A



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	A	Carbon steel (Plating)
2	Outer race shape symbol	(R) U	Flat *Omitted U-groove
3	Retainer or full ball type	Omitted S	Retainer (Polypropylene) Full ball
4	Outer race outer diameter	-	(Numerical ϕD dimension shown in drawing)
5	Ball material symbol	Omitted	Carbon steel ball
6	Inner race shape symbol	H A	Inner ring Riveting shaft
7	Inner race material symbol	Omitted	Carbon steel (Plating)
8	Bore and clearance dimension for mounting	-	(Numerical $\phi d/C$ dimension shown in drawing)
9	Additional information	2/5 3.5R	Identification number Numerical R dimension shown in drawing

Lineup

A-H

Inner ring

(mm)

Model	D ± 0.1	d $+0.1$	B ± 0.2	Da	Load (N)	Weight (g)	JIS equivalent	Code	Part No.
1	22	8	7	-	784	10.4	608	800000	A-608ZZ-5
2		8	7	17	294	16.3	608	231402	AS-608ZZ-2

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Inner ring (Inner race width: Wide)

(mm)

Model	D ± 0.2	D1 ± 0.1	d $+0.1$	B ± 0.1	C	C1	Da	Load (N)	Weight (g)	JIS equivalent	Code	Part No.
3	32	27	6	8	0.5	0.5	9.5	-	-	-	230501	AU-32-H6-3.5R

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Riveting shaft

(mm)

Model	D ± 0.1	d1 $0_{-0.1}$	B ± 0.2	C ± 0.4	L ± 0.2	d2 $\times\theta$	Da	Load (N)	Weight (g)	Code	Part No.
4	19	5	6	0.5	5	4.5 $\times 120^\circ$	9.5	-	-	231010	AS-19-A0.5-5
4		5	6	1	5	4.5 $\times 120^\circ$	9.5	-	-	-	AS-19-A1
4		5	6	2	5	4.5 $\times 120^\circ$	9.5	-	-	-	AS-19-A2
4	22	5	8	0.5	3.5	4.5 $\times 120^\circ$	11.0	-	-	-	AS-22-A0.5
4		5	8	1	3.5	4 $\times 120^\circ$	11.0	-	-	-	AS-22-A1
4		5	8	2	3.5	4 $\times 120^\circ$	11.0	-	-	-	AS-22-A2

*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.