

DO series

RoHS compliant

H type A type

Plastic bearing | Convex round

Inner ring

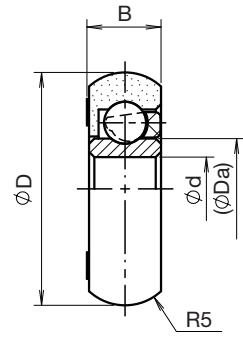
Riveting shaft

Model 1

Inner ring



DO-H

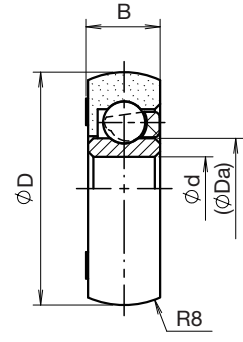


Model 2

Inner ring (R8 type)



DO-H

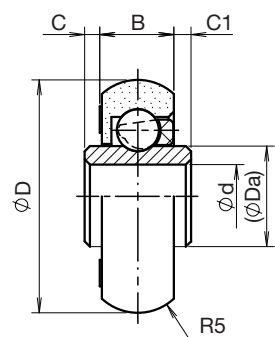


Model 3

Inner ring (Inner race width: Wide)



DO-H-W

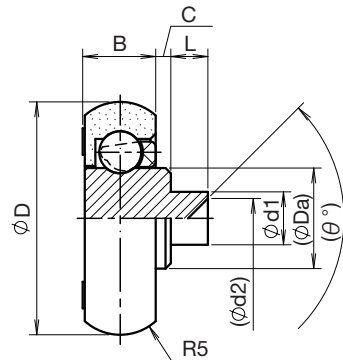


Model 4

Riveting shaft



DO-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	D	Polyacetal resin
2	Outer race shape symbol	O	Convex round
3	Retainer or full ball type	Omitted	Retainer (Polypropylene)
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	Inner ring
		A	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)
		W	Inner race width (Wide type) & C/C1 dimension
9	Additional information	MU/MC	Plating *Including omitted

Lineup

DO-H

Inner ring

(mm)

Model	D ⁰ _{-0.2}	d ^{+0.1} ₀	B ⁰ _{-0.2}	Da	Load (N)	Weight (g)	JIS equivalent	Code	Part No.
1	18	5	6	8.2	49.0	3.1	-	072000	DO-18-H5
1	19	5	6	8.2	49.0	3.4	635	-	DO-19-H5-MC
1		6	6	8.2	49.0	-	626	-	DO-19-H6
1	22	6	7	9.5	196.0	5.4	636	-	DO-22-H6-MC
1		7	7	9.5	196.0	-	627	-	DO-22-H7
1	24	6	7	9.5	196.0	6.0	-	-	DO-24-H6-MC
1		8	7	11.0	29.4	-	-	-	DO-24-H8
1	26	6	7	9.5	196.0	6.7	-	072046	DO-26-H6-MU
1	28	6	7	9.5	196.0	7.5	-	-	DO-28-H6-MC
1	30	6	7	9.5	196.0	-	-	-	DO-30-H6-MC
2	30 ^{-0.1} _{-0.4}	10	9	14.5	245.0	12.9	6200	072066	DO-30-H10-9

DO-H-W

Inner ring (Inner race width: Wide)

(mm)

Model	D ⁰ _{-0.2}	d ^{+0.1} ₀	B ⁰ _{-0.2}	C	C1	Da	Load (N)	Weight (g)	JIS equivalent	Code	Part No.
3	19	5	6	1	1	8.2	49.0	-	635	-	DO-19-H5W1
3		6	6	1	1	8.2	49.0	-	626	-	DO-19-H6W1
3	22	6	7	1	1	9.5	196.0	-	636	072023	DO-22-H6W1
3		7	7	1	1	9.5	196.0	-	627	-	DO-22-H7W1
3		8	7	1	1	11.0	29.4	-	-	-	DO-22-H8W1
3	24	6	7	1	1	9.5	196.0	6.7	-	072031	DO-24-H6W1
3	26	6	7	1	1	9.5	196.0	7.4	-	072043	DO-26-H6W1
3	30	6	7	1	1	9.5	196.0	-	-	072065	DO-30-H6W1
3		10	9	1	1	14.5	245.0	-	6200	-	DO-30-H10W1
3	35	6	7	1	1	9.5	196.0	9.6	-	072072	DO-35-H6W1

DO-A

Riveting shaft

(mm)

Model	D ⁰ _{-0.2}	d1 ⁰ _{-0.1}	B ⁰ _{-0.2}	C ^{+0.4}	L ^{+0.2}	d2× θ	Da	Load (N)	Weight (g)	Code	Part No.
4	19	5	6	0.5	3.5	4×120°	8.2	29.4	3.4	070010	DO-19-A0.5
4		5	7	1	3.5	4×120°	8.2	29.4	-	-	DO-19-A1
4	22	5	7	0.5	3.5	4×120°	9.5	78.4	-	-	DO-22-A0.5
4		5	7	1	3.5	4.6×90°	9.5	78.4	7.9	070020	DO-22-A1
4	24	5	7	0.5	3.5	4×120°	9.5	78.4	-	-	DO-24-A0.5
4		5	7	1	3.5	4.6×90°	9.5	78.4	8.5	070030	DO-24-A1
4	26	5	7	0.5	3.5	4×120°	9.5	78.4	-	-	DO-26-A0.5
4		5	7	1	3.5	4.6×90°	9.5	78.4	9.2	070040	DO-26-A1
4	28	5	7	0.5	3.5	4×120°	9.5	78.4	-	-	DO-28-A0.5
4		5	7	1	3.5	4.6×90°	9.5	78.4	-	071052	DO-28-A1
4	30	5	7	0.5	3.5	4×120°	9.5	78.4	-	-	DO-30-A0.5
4		5	7	1	3.5	4.6×90°	9.5	78.4	-	-	DO-30-A1

*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.