

DR series

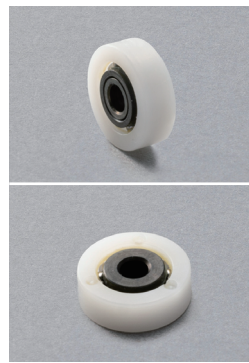
RoHS compliant

H type

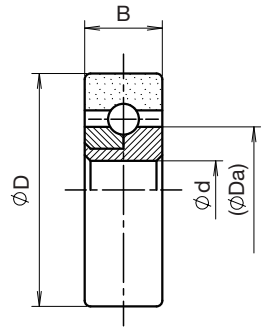
Plastic bearing | Flat

Inner ring

Model 1 Inner ring (Black oxide coating)



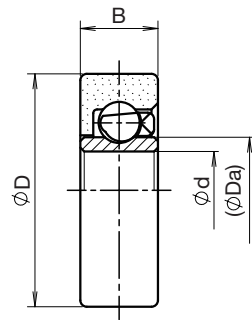
DR-H



Model 2 Inner ring



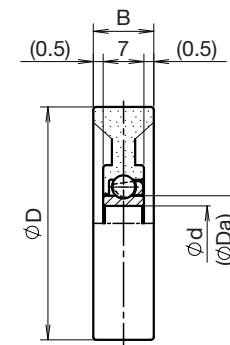
DR-H



Model 3 Inner ring (Inner race width: Concave)



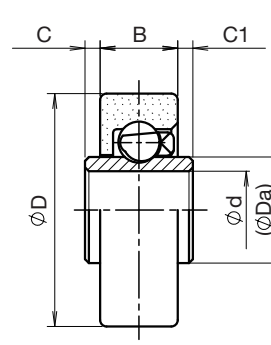
DR-H



Model 4 Inner ring (Inner race width: Wide)



DR-H-W



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	R	Flat
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	Inner ring
7	Inner race material symbol	Omitted	Carbon steel (Plating, Black oxide treatment)
8	Bore and clearance dimension for mounting	- W	(Numerical ϕD dimension shown in drawing) Inner race width (Wide type) & C/C1 dimension
9	Additional information	MC	Plating *Including omitted

Lineup

DR-H		Inner ring				(mm)				
Model	D ⁰ _{-0.1}	d ^{+0.1} ₀	B ⁰ _{-0.2}	Da	Load (N)	Weight (g)	JIS equivalent	Code	Part No.	
1	9 ⁰ _{-0.05}	2.5 ^{+0.05} ₀	3 ^{±0.1}	5.4	9.8	0.7	-	040012	DRS-9-H2.5	
1	12 ⁰ _{-0.05}	3 ^{+0.05} ₀	4 ^{±0.1}	6.5	9.8	1.1	-	040013	DRS-12-H3	
2	17	6	6	8.2	49	-	606	040008	DR-17-H6	
2	18	6	6	8.2	49	2.9	-	040100	DR-18-H6	
2	19	5	6	8.2	49	3.5	635	-	DR-19-H5-MC	
2		6	6	8.2	49	3.1	626	040205	DR-19-H6	
2	20	6	7	9.5	196	-	-	-	DR-20-H6-MC	
2		8	6 ^{±0.1}	11	29.4	3.9	-	040301	DR-20-H8	
2	22	6	7	9.5	196	5.6	636	040405	DR-22-H6-MU	
2		7	7	9.5	196	-	627	-	DR-22-H7	
2		8	7	11	29.4	4.9	608	040412	DR-22-H8	
2	24	6	7	9.5	196	6.3	-	-	DR-24-H6-MC	
2		8	7	13	49	-	-	-	DR-24-H8	
2	26	6	7	9.5	196	6.9	-	040702	DR-26-H6-MU	
2		9	8	13	49	-	629	-	DR-26-H9-MC	
2		10	8	13	49	7.7	6000	041600	DR-26-H10	
2	28	6	7	9.5	196	7.82	-	-	DR-28-H6-MC	
2	30	6	7	9.5	196	7.9	-	-	DR-30-H6-MC	
2		10	9	14.5	245	13	6200	041610	DR-30-H10-9	
2	32	12	10	17	294	17.6	6201	041612	DR-32-H12	
2	35	6	7	9.5	196	9.3	-	-	DR-35-H6-MC	
2		15	11 ^{±0.2}	21	294	24.2	6202	041614	DR-35-H15	
3	40 ⁰ _{-0.2}	6	8	9.5	196	12.3	-	-	DR-40-H6-MC	
2	40	17	12 ^{±0.2}	21	294	26.3	6203	041616	DR-40-H17	
2	47	17	14	27	343	49.1	6303	-	DR-47-H17	
2		20	14	27	343	-	6204	041618	DR-47-H20	

DR-H-W Inner ring (Inner race width: Wide)

Model	D ⁰ _{-0.1}	d ^{+0.1} ₀	B ⁰ _{-0.2}	C	C1	Da	Load (N)	Weight (g)	JIS equivalent	Code	Part No.
4	16	4.1	4	0.25	0.25	8.5	19.6	2.3	-	-	DR-16-H4.1W0.25-MC
4	17	6	6	1	1	8.2	49	-	606	-	DR-17-H6W1
4	19	5	6	1	1	8.2	49	-	635	040213	DR-19-H5W1
4		6	6	1	1	8.2	49	-	626	-	DR-19-H6W1
4	22	6	7	1	1	9.5	196	6.3	636	040415	DR-22-H6W1
4		7	7	1	1	11	29.4	-	627	-	DR-22-H7W1
4		8	7	1	1	11	29.4	-	608	-	DR-22-H8W1
4	26	6	7	1	1	9.5	196	-	-	040704	DR-26-H6W1
4		9	8	1	1	13	49	-	629	-	DR-26-H9W1
4		10	8	1	1	13	49	-	6000	-	DR-26-H10W1
4	30	10	9	1	1	14.5	245	-	6200	-	DR-30-H10W1
4	32	12	10	1	1	17	294	-	6201	-	DR-32-H12W1
4	35	15	11	1	1	21	294	-	6202	-	DR-35-H15W1
4	40	17	12	1	1	21	294	-	6203	-	DR-40-H17W1
4	47	17	14	1	1	27	343	-	6303	-	DR-47-H17W1
4		20	14	1	1	27	343	-	6204	-	DR-47-H20W1

*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.