

E series

H type B type

RoHS compliant

Plastic bearing (Conductivity) | Flat

Inner ring

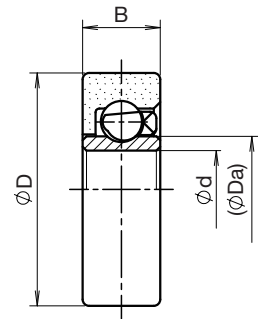
Screw shaft

Model 1

Inner ring



ER-H

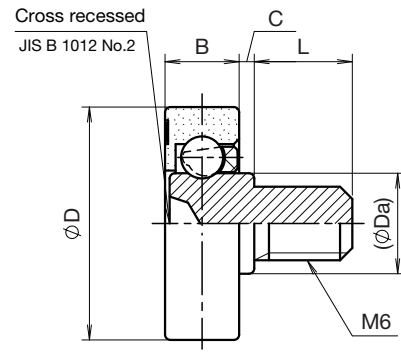


Model 2

Screw shaft (Cross recessed head)



ER-B

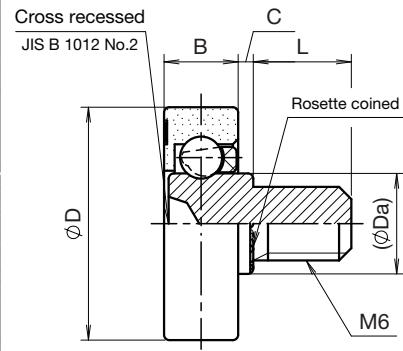


Model 3

Screw shaft (Cross recessed head and rosette coined)



ER-B

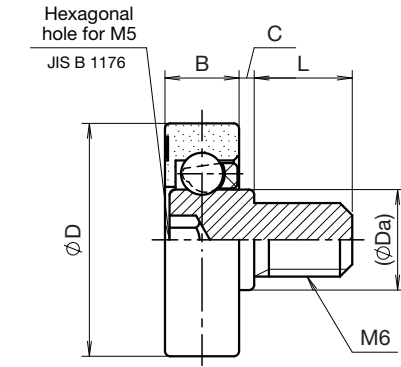


Model 4

Screw shaft (Hex socket screw)



ER-B-JH



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	E	Conductive resin
2	Outer race shape symbol	R	Flat
3	Retainer or full ball type	Omitted	Retainer (Polypropylene)
4	Outer race outer diameter	-	(Numerical ϕ D dimension shown in drawing)
5	Ball material symbol	Omitted	Carbon steel ball
6	Inner race shape symbol	H B	Inner ring Screw shaft
7	Inner race material symbol	Omitted	Carbon steel (Plating)
8	Bore and clearance dimension for mounting	-	(Numerical ϕ d/C dimension shown in drawing)
9	Additional information	MC M6×8 JH	Plating *Including omitted Screw specification × Screw length L dimension Hex socket screw

Lineup

E-H

Inner ring

(mm)

Model	D $\begin{smallmatrix} 0 \\ -0.1 \end{smallmatrix}$	d1 $\begin{smallmatrix} +0.1 \\ 0 \end{smallmatrix}$	B $\begin{smallmatrix} 0 \\ -0.2 \end{smallmatrix}$	Da	Load (N)	Weight (g)	JIS equivalent	Code	Part No.
1	19	6	6	8.2	-	-	626	-	ER-19-H6
1	22 ± 0.2	6	7	9.5	-	-	636	720122	ER-22-H6
1	26 $\begin{smallmatrix} +0.3 \\ -0.1 \end{smallmatrix}$	6	7 $\begin{smallmatrix} 0 \\ -0.3 \end{smallmatrix}$	9.5	-	-	-	-	ER-26-H6
1	30	6	7 $\begin{smallmatrix} 0 \\ -0.4 \end{smallmatrix}$	9.5	49	8	-	-	ER-30-H6-MC
1	35	6	7 $\begin{smallmatrix} 0 \\ -0.4 \end{smallmatrix}$	9.5	49	9	-	-	ER-35-H6-MC
1	40 $\begin{smallmatrix} 0 \\ -0.2 \end{smallmatrix}$	6	8	9.5	-	-	-	-	ER-40-H6-MC

E-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.
2	19	6 ± 0.2	0.5	8	8.2	M6 P1.0	-	5.8	720104	ER-19-B0.5
3		6 ± 0.2	1	8	8.2	M6 P1.0	●	-	-	ER-19-B1-M6×8
3		6 ± 0.2	2	8	8.2	M6 P1.0	●	-	-	ER-19-B2-M6×8
2	22	7	0.5	8	9.5	M6 P1.0	-	-	-	ER-22-B0.5-M6×8
3		7	1	8	9.5	M6 P1.0	●	-	-	ER-22-B1-M6×8
3		7	2	8	9.5	M6 P1.0	●	9.3	720101	ER-22-B2
2	26 $\begin{smallmatrix} +0.3 \\ -0.1 \end{smallmatrix}$	7 $\begin{smallmatrix} 0 \\ -0.3 \end{smallmatrix}$	0.5	8	9.5	M6 P1.0	-	9.2	720103	ER-26-B0.5
2	30	7 $\begin{smallmatrix} 0 \\ -0.4 \end{smallmatrix}$	0.5	8	9.5	M6 P1.0	-	-	-	ER-30-B0.5-M6×8

E-B-JH

Screw shaft (Hex socket screw)

(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.
4	22 ± 0.2	7	0.5	8	9.5	M6 P1.0	-	8.8	720115	ER-22-B0.5-JH
4	24	7	0.5	8	9.5	M6 P1.0	-	7.0	720116	ER-24-B0.5-JH
4	26	7 $\begin{smallmatrix} 0 \\ -0.3 \end{smallmatrix}$	0.5	8	9.5	M6 P1.0	-	9.9	720117	ER-26-B0.5-JH
4	28	7	0.5	8	9.5	M6 P1.0	-	10.8	720118	ER-28-B0.5-JH
4	30	7 $\begin{smallmatrix} 0 \\ -0.4 \end{smallmatrix}$	0.5 $\begin{smallmatrix} +0.5 \\ -0.4 \end{smallmatrix}$	8	9.5	M6 P1.0	-	11.0	720119	ER-30-B0.5-JH
4	35	7 $\begin{smallmatrix} 0 \\ -0.4 \end{smallmatrix}$	0.5	8	9.5	M6 P1.0	-	12.5	720120	ER-35-B0.5-JH

*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.

Electrical resistance value (For reference only)

(k Ω)

Samples	No.1	No.2	No.3	No.4	Average value
Electrical resistance value	174.8	221.8	221.5	131.3	187.4

* The electrical resistance value between the outer and inner races is measured after applying a 49 N (5kgf) radial load and holding for 3 minutes.