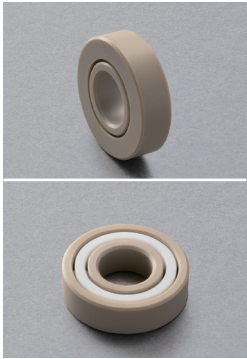
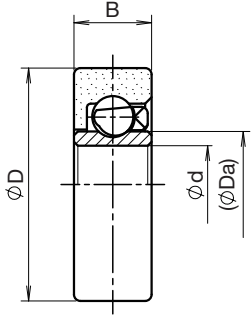


Model 1 Inner ring



PK-H



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	PK	PEEK
2	Outer race shape symbol	(R)	Flat *Omitted
3	Retainer or full ball type	Omitted	Retainer (Polypropylene)
4	Outer race outer diameter	-	(Numerical $\varnothing D$ dimension shown in drawing)
5	Ball material symbol	C	Ceramic
6	Inner race shape symbol	H	Inner ring
7	Inner race material symbol	P	Polyethylene
8	Bore and clearance dimension for mounting	-	(Numerical $\varnothing d$ dimension shown in drawing)
9	Additional information	GN	No grease *Omitted

Chemical resistance of plastic

Material Properties	Chemical resistant resin					Other resins			
	PTFE	PCTFE	PVDF	PEEK	*UHMWPE	PA	POM	PP	PVC (Hardness)
Heat resistant (°C) [Practical level]	130	80	80	130	60	70	50	50	35
Mechanical property	△	○	○	◎	○	○	◎	○	○
Electrical property	◎	○	○	◎	△	△	△	◎	△
Chemical resistance	Acid	◎	◎	○	○	×	×	○	○
	Alkali	◎	◎	○	◎	×	△	○	○
	Solvent	◎	○	○	◎	×	○	△	△

*Ultra-high molecular weight

Explanation of symbols

- ◎: Excellent Not entirely / Almost corroded.
○: Good Slightly corroded, but available for practical use under certain conditions.
△: Acceptable Not recommended for practical use.
×: Unacceptable ... Not available

Note: Table 1 and 2 are provided for reference purposes only and do not guarantee performance or effectiveness.
Please conduct practical testing in advance to confirm suitability before use.

Lineup

PK-H

Inner ring

(mm)

Model	D ⁰ _{-0.1}	d ^{+0.12} ₀	B ⁰ _{-0.2}	Da	Load (N)	Weight (g)	JIS equivalent	Code	Part No.
1	28	12	8	16.7	98	5.7	6001	802012	PK-28-CHP12
1	30	10	9	14.5	98	7.6	6200	802013	PK-30-CHP10
1	32	12	10	18.8	98	9.3	6201	802017	PK-32-CHP12
1		15	9	19.8	98	7.5	6002	802014	PK-32-CHP15
1	35	15	11	20.3	98	10.5	6202	802019	PK-35-CHP15
1	42	20	12	26.0	98	17.6	6004	802015	PK-42-CHP20
1	47	20	14	26.0	-	-	6204	-	PK-47-CHP20
1	72	35	17	48.0	98	69.2	6207	802011	PK-72-CHP35
1	80 ⁰ _{-0.2}	40	18	58.5	-	-	6208	-	PK-80-CHP40

*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.

Materials by component

Outer race material	Inner race material	Retainer material	Ball materia	Code	Part No.
PEEK	PEEK	PTFE	Al ₂ O ₃	802012	PK-28-CHP12
PEEK	PEEK	PTFE	Al ₂ O ₃	802013	PK-30-CHP10
PEEK	PEEK	PTFE	Al ₂ O ₃	802017	PK-32-CHP12
PEEK	PEEK	PTFE	Al ₂ O ₃	802014	PK-32-CHP15
PEEK	PEEK	PTFE	Al ₂ O ₃	802019	PK-35-CHP15
PEEK	PEEK	PTFE	Al ₂ O ₃	802015	PK-42-CHP20
PEEK	PEEK	PTFE	Al ₂ O ₃	-	PK-47-CHP20
PEEK	PEEK	PTFE	Si ₃ N ₄	802011	PK-72-CHP35
PEEK	PEEK	PTFE	Si ₃ N ₄	-	PK-80-CHP40