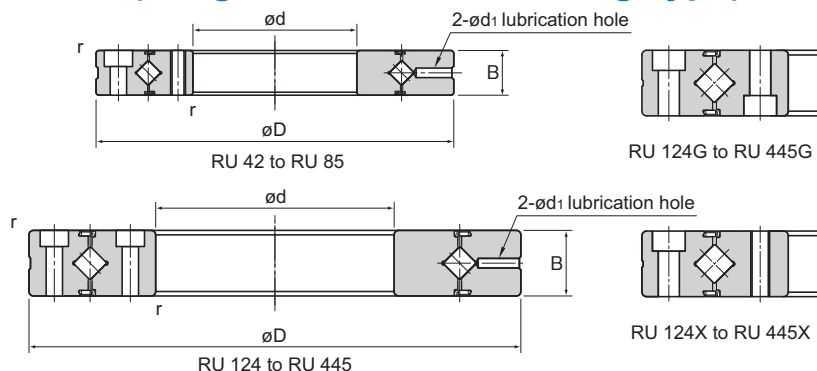


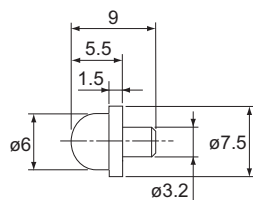
Model RU (Integrated Inner/Outer Ring Type)



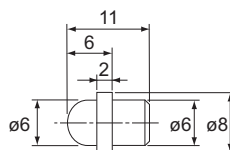
Shaft diameter	Model No.	Main dimensions						Shoulder height		Basic load rating (radial)		Mass
		Inner diameter	Outer diameter	Roller pitch circle diameter	Width	Lubrication hole				C	C ₀	
		d	D	dp	B	d ₁	r _{min}	ds (max)	Dh (min)	kN	kN	kg
20	RU 42	20	70	41.5	12	3.1	0.6	36	47	7.35	8.35	0.29
35	RU 66	35	95	66	15	3.1	0.6	59	74	17.5	22.3	0.62
55	RU 85	55	120	85	15	3.1	0.6	77	93	20.3	29.5	1
80	RU 124 (G) RU 124X	80	165	124	22	3.1	1	114	134	33.1	50.9	2.6
90	RU 148 (G) RU 148X	90	210	147.5	25	3.1	1.5	133	162	49.1	76.8	4.9
115	RU 178 (G) RU 178X	115	240	178	28	3.1	1.5	161	195	80.3	135	6.8
160	RU 228 (G) RU 228X	160	295	227.5	35	6	2	208	246	104	173	11.4
210	RU 297 (G) RU 297X	210	380	297.3	40	6	2.5	272	320	156	281	21.3
350	RU 445 (G) RU 445X	350	540	445.4	45	6	2.5	417	473	222	473	35.4

Note: Optional grease nipple available for model RU. (See figure below.)

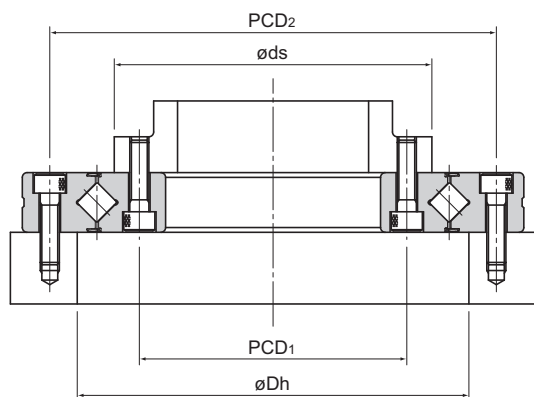
To indicate that you want grease nipples, add "-N" to the end of the model number.



NP3.2×3.5



NP6×5



Model RU

Model RU...U



Model RU...UU

Model RU...UT

Unit: mm

Mounting hole related				
Inner ring			Outer ring	
PCD ₁	Mounting hole		PCD ₂	Mounting hole
28	6-M3 through		57	6-ø3.4 drilled through, ø6.5 counterbore depth 3.3
45	8-M4 through		83	8-ø4.5 drilled through, ø8 counterbore depth 4.4
65	8-M5 through		105	8-ø5.5 drilled through, ø9.5 counterbore depth 5.4
97	10-ø5.5 drilled through, ø9.5 counterbore depth 5.4 10-M5 through		148	10-ø5.5 drilled through, ø9.5 counterbore depth 5.4
112	12-ø9 drilled through, ø14 counterbore depth 8.6 12-M8 through		187	12-ø9 drilled through, ø14 counterbore depth 8.6
139	12-ø9 drilled through, ø14 counterbore depth 8.6 12-M8 through		217	12-ø9 drilled through, ø14 counterbore depth 8.6
184	12-ø11 drilled through, ø17.5 counterbore depth 10.8 12-M10 through		270	12-ø11 drilled through, ø17.5 counterbore depth 10.8
240	16-ø14 drilled through, ø20 counterbore depth 13 16-M12 through		350	16-ø14 drilled through, ø20 counterbore depth 13
385	24-ø14 drilled through, ø20 counterbore depth 13 24-M12 through		505	24-ø14 drilled through, ø20 counterbore depth 13

Model number coding

RU124 UU CC0 P2 B G -N

Model No.

Radial clearance
symbol¹

Sub-part Accuracy symbol

No Symbol : Rotational Accuracy
of the Inner Ring
R : Rotational Accuracy
of the Outer Ring
B : Rotational Accuracy
of the Inner/Outer Rings

Seal symbol

No Symbol : Without seal
UU : Seal attached on both ends
U : Seal attached on either end
(counterbore side of the outer ring)
UT : Seal attached on either end
(opposite to the counterbore
side of the outer ring)

Grease nipple symbol

No Symbol : No grease nipples included
-N : Grease nipples attached (2)
(For the nipple's shape,
see the figure on the left.)
RU42 to RU178: NP3.2×3.5
RU228 to RU445: NP6×5

Mounting Hole Symbol

[Applicable Models : RU124 to RU445(RU42 to RU85 do not apply)]
No Symbol : The counterbore holes of the inner and outer rings
face the same direction
G : The counterbore holes of the inner and outer rings
face opposite direction
X : Inner ring tapped hole (through hole)

¹ See A18-18. ² See A18-12.