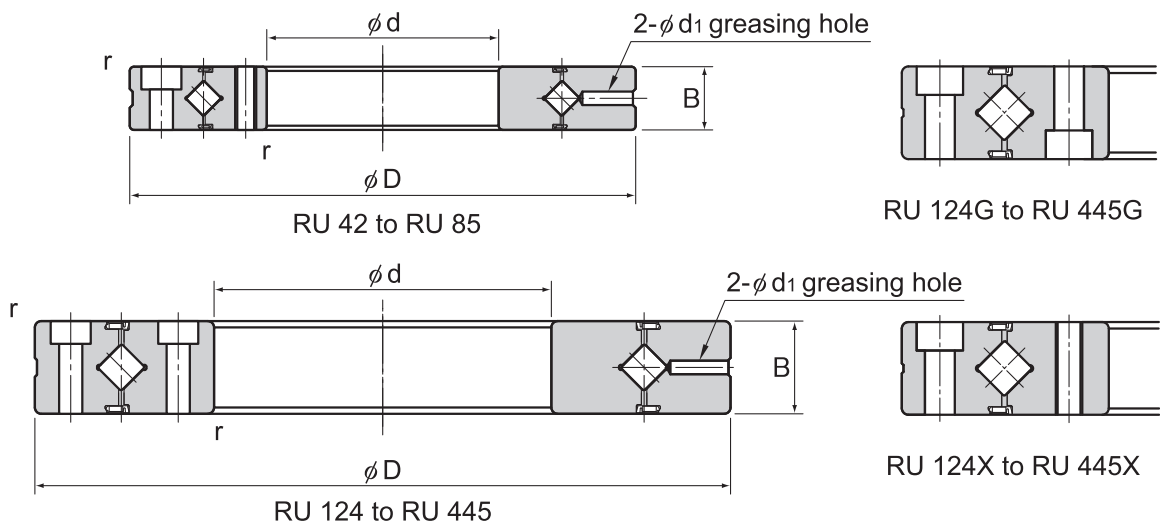
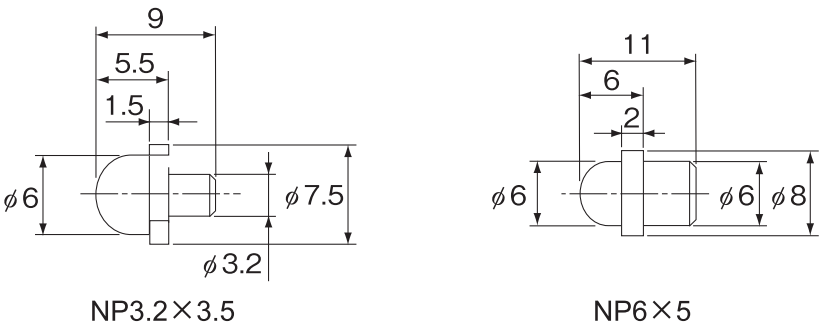


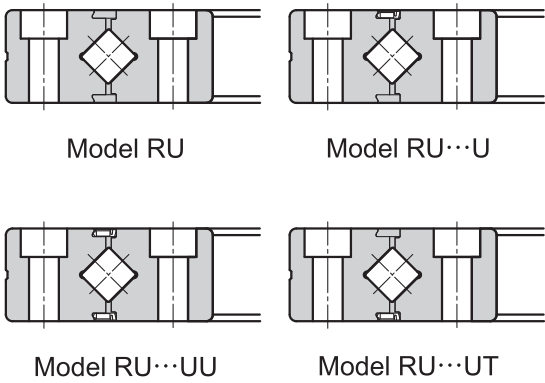
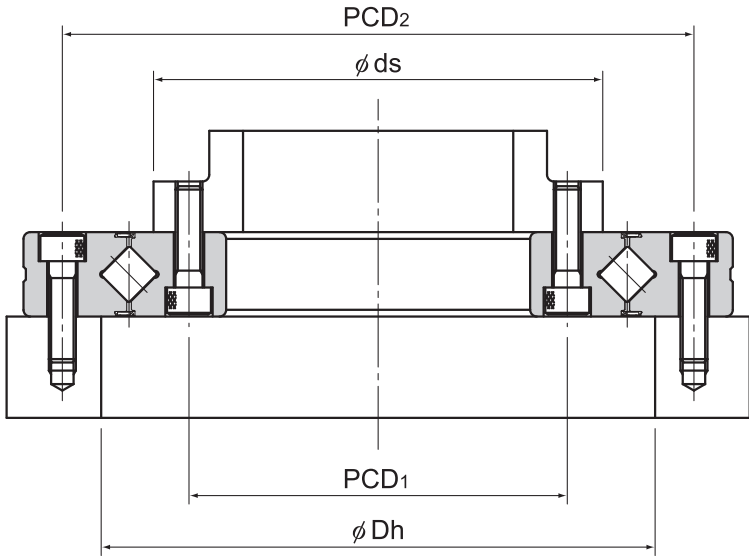
Model RU (Integrated Inner/Outer Ring Type)



Shaft diameter	Model No.	Main dimensions						Shoulder height		Basic load rating (radial)		Mass
		Inner diameter	Outer diameter	Roller pitch circle diameter	Width	Greasing 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.





Unit: mm

	Mounting Hole Related			
	Inner ring		Outer ring	
	PCD ₁	Mounting hole	PCD ₂	Mounting hole
	28	6-M3 through	57	6-φ3.4 drilled through, φ6.5 counter bore depth 3.3
	45	8-M4 through	83	8-φ4.5 drilled through, φ8 counter bore depth 4.4
	65	8-M5 through	105	8-φ5.5 drilled through, φ9.5 counter bore depth 5.4
	97	10-φ5.5 drilled through, φ9.5 counter bore depth 5.4	148	10-φ5.5 drilled through, φ9.5 counter bore depth 5.4
		10-M5 through		
	112	12-φ9 drilled through, φ14 counter bore depth 8.6	187	12-φ9 drilled through, φ14 counter bore depth 8.6
		12-M8 through		
	139	12-φ9 drilled through, φ14 counter bore depth 8.6	217	12-φ9 drilled through, φ14 counter bore depth 8.6
		12-M8 through		
	184	12-φ11 drilled through, φ17.5 counter bore depth 10.8	270	12-φ11 drilled through, φ17.5 counter bore depth 10.8
		12-M10 through		
	240	16-φ14 drilled through, φ20 counter bore depth 13	350	16-φ14 drilled through, φ20 counter bore depth 13
		16-M12 through		
	385	24-φ14 drilled through, φ20 counter bore depth 13	505	24-φ14 drilled through, φ20 counter bore depth 13
		24-M12 through		

Cross-Roller Ring

Model number coding

RU124

Model No.

UU

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)

CC0

Radial clearance symbol (*1)

P2

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

B

Accuracy symbol (*2)

G

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)

-N

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

(*1) See A18-18. (*2) See A18-12.

