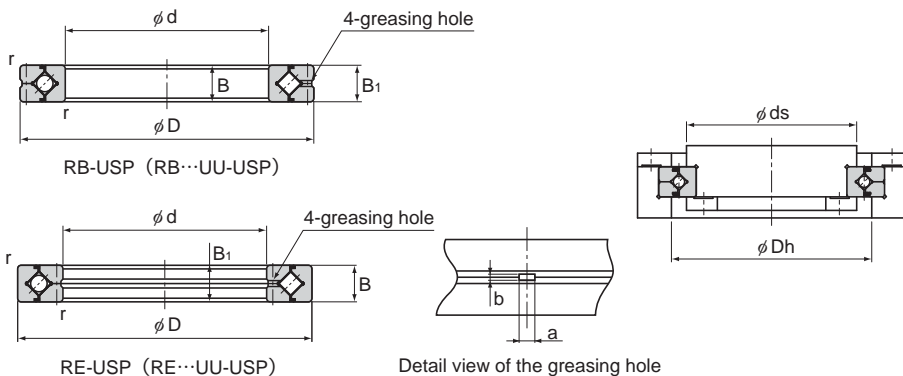


## USP-Grade Models RB and RE



Unit: mm

Model No.	Main dimensions								Shoulder height		Basic load rating (radial)		Mass
	Inner diameter d	Outer diameter D	Roller pitch circle diameter dp		Width B, B <sub>1</sub>	Greasing hole		r <sub>min</sub>	ds	Dh	C	C <sub>0</sub>	
			RB	RE		a	b						
RB 10020USP RE 10020USP	100	150	123	127	20	3.5	1.6	1	113	133	33.1	50.9	1.45
RB 12025USP RE 12025USP	120	180	148.7	152	25	3.5	2	1.5	133	164	66.9	100	2.62
RB 15025USP RE 15025USP	150	210	178	182	25				164	194	76.8	128	3.16
RB 20030USP RE 20030USP	200	280	240	240	30	4.5	3	2	221	258	114	200	6.7
RB 25030USP RE 25030USP	250	330	287.5	287.5	30				269	306	126	244	8.1
RB 30035USP RE 30035USP	300	395	345	345	35	5	3	2.5	322	368	183	367	13.4
RB 40040USP RE 40040USP	400	510	453.4	453.4	40				6	3.5	428	479	241
RB 50040USP RE 50040USP	500	600	548.8	548.8	40	6	3	3	526	572	239	607	26
RB 60040USP RE 60040USP	600	700	650	650	40				627	673	264	721	29

Note) The model number of a type with seals attached is RB...UU-USP or RE...UU-USP.

If a certain level of rotational accuracy is required for the inner ring, select model RB; if a certain level of rotational accuracy is required for the outer ring, select model RE.

### Model number coding

**RB50040 UU CC0 USP**

Model number

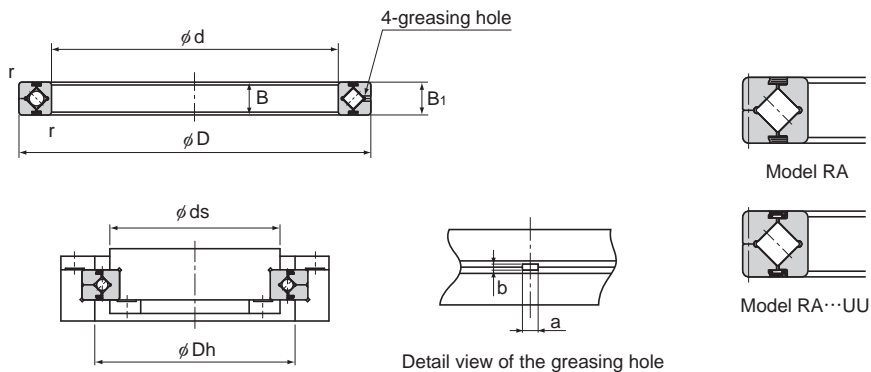
Accuracy symbol (Ultra precision grade)

Radial clearance symbol (\*1)

Seal attached on both ends (seal attached on either end: U)

(\*1) See **A18-17**.

## Model RA (Separable Outer Ring Type)



Unit: mm

Shaft diameter	Model No.	Main dimensions							Shoulder height		Basic load rating (radial)		Mass
		Inner diameter d	Outer diameter D	Roller pitch circle diameter dp	Width B B <sub>1</sub>	Greasing hole		r <sub>min</sub>	ds	Dh	C	C <sub>0</sub>	
						a	b						
50	RA 5008	50	66	57	8	2	0.8	0.5	53.5	60.5	5.1	7.19	0.08
60	RA 6008	60	76	67	8	2	0.8	0.5	63.5	70.5	5.68	8.68	0.09
70	RA 7008	70	86	77	8	2	0.8	0.5	73.5	80.5	5.98	9.8	0.1
80	RA 8008	80	96	87	8	2	0.8	0.5	83.5	90.5	6.37	11.3	0.11
90	RA 9008	90	106	97	8	2	0.8	0.5	93.5	100.5	6.76	12.4	0.12
100	RA 10008	100	116	107	8	2	0.8	0.5	103.5	110.5	7.15	13.9	0.14
110	RA 11008	110	126	117	8	2	0.8	0.5	113.5	120.5	7.45	15	0.15
120	RA 12008	120	136	127	8	2	0.8	0.5	123.5	130.5	7.84	16.5	0.17
130	RA 13008	130	146	137	8	2	0.8	0.5	133.5	140.5	7.94	17.6	0.18
140	RA 14008	140	156	147	8	2	0.8	0.5	143.5	150.5	8.33	19.1	0.19
150	RA 15008	150	166	157	8	2	0.8	0.5	153.5	160.5	8.82	20.6	0.2
160	RA 16013	160	186	172	13	2.5	1.6	0.8	165	179	23.3	44.9	0.59
170	RA 17013	170	196	182	13	2.5	1.6	0.8	175	189	23.5	46.5	0.64
180	RA 18013	180	206	192	13	2.5	1.6	0.8	185	199	24.5	49.8	0.68
190	RA 19013	190	216	202	13	2.5	1.6	0.8	195	209	24.9	51.5	0.69
200	RA 20013	200	226	212	13	2.5	1.6	0.8	205	219	25.8	54.7	0.71

Note) The model number of a type with seals attached is RA...UU.

If a certain level of accuracy is required, this model is used for inner ring rotation.

### Model number coding

**RA7008 UU CC0**

Model number

Radial clearance symbol (\*1)

Seal attached on both ends (seal attached on either end: U)

(\*1) See **A18-17**.