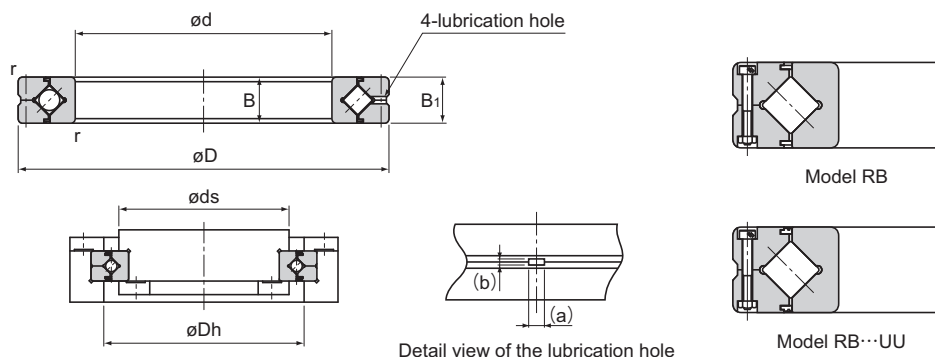


Model RB (Separable Outer Ring Type)



Unit: mm

Shaft diameter	Model No.	Main dimensions							Shoulder height		Basic load rating (radial)		Mass
		Inner diameter	Outer diameter	Roller pitch circle diameter	Width	Lubrication hole		r_{min}	d_s (max)	D_h (min)	C	C_0	kg
		d	D	d_p	B B ₁	a	b				kN	kN	
400	RB 40035	400	480	440.3	35	5	3	2.5	422	459	156	370	14.5
	RB 40040		510	453.4	40	6	3.5	2.5	428	479	241	531	23.5
450	RB 45025	450	500	474	25	3.5	1.6	1	464	484	61.7	182	6.6
500	RB 50025	500	550	524.2	25	3.5	1.6	1	514	534	65.5	201	7.3
	RB 50040		600	548.8	40	6	3	2.5	526	572	239	607	26
	RB 50050		625	561.6	50	6	3.5	2.5	536	587	267	653	41.7
600	RB 60040	600	700	650	40	6	3	3	627	673	264	721	29
700	RB 70045	700	815	753.5	45	6	3	3	731	777	281	836	46
800	RB 80070	800	950	868.1	70	6	4	4	836	900	468	1,330	105
900	RB 90070	900	1,050	969	70	6	4	4	937	1,001	494	1,490	120
1,000	RB 1000110	1,000	1,250	1,114	110	6	6	5	1,057	1,171	1,220	3,220	360
1,250	RB 1250110	1,250	1,500	1,365.8	110	6	6	5	1,308	1,423	1,350	3,970	440

Notes: The model number of a type with seals attached is RB...UU.

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

(a) and (b) dimensions of the lubrication hole in the detailed diagram are reference values.

Model number coding

RB40040 UU C0 PE5

Model number

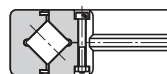
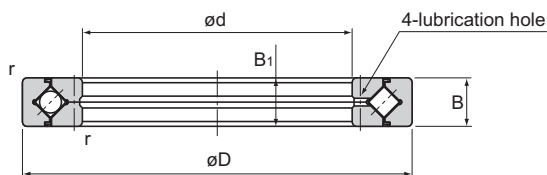
Accuracy symbol²

Radial clearance symbol¹

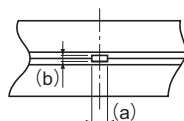
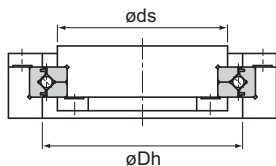
Seal attached on both ends (seal attached on either end: U)

¹ See **A18-18**. ² See **A18-13**.

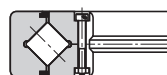
Model RE (Two-Piece Inner Ring Type)



Model RE



Detail view of the lubrication hole



Model RE...UU

Unit: mm

Shaft diameter	Model No.	Main dimensions							Shoulder height		Basic load rating (radial)		Mass
		Inner diameter	Outer diameter	Roller pitch circle diameter	Width	Lubrication hole		r_{min}	d_s (max)	D_h (min)	C	C_0	kg
		d	D	dp	B B ₁	a	b						
20	RE 2008	20	36	29	8	2	0.8	0.5	24.5	32.5	3.23	3.1	0.04
25	RE 2508	25	41	34	8	2	0.8	0.5	29.5	37.5	3.63	3.83	0.05
30	RE 3010	30	55	43.5	10	2.5	1	0.6	37.5	48.5	7.35	8.36	0.12
35	RE 3510	35	60	48.5	10	2.5	1	0.6	42.5	53.5	7.64	9.12	0.13
40	RE 4010	40	65	53.5	10	2.5	1	0.6	47.5	58.5	8.33	10.6	0.16
45	RE 4510	45	70	58.5	10	2.5	1	0.6	52.5	63.5	8.62	11.3	0.17
50	RE 5013	50	80	66	13	2.5	1.6	0.6	57.5	73	16.7	20.9	0.27
60	RE 6013	60	90	76	13	2.5	1.6	0.6	68	83	18	24.3	0.3
70	RE 7013	70	100	86	13	2.5	1.6	0.6	78	93	19.4	27.7	0.35
80	RE 8016	80	120	101.4	16	3	1.6	0.6	91	111	30.1	42.1	0.7
90	RE 9016	90	130	112	16	3	1.6	1	100	122	31.4	45.3	0.75
100	RE 10016	100	140	121.1	16	3	1.6	1	109	131	31.7	48.6	0.83
	RE 10020		150	127	20	3.5	1.6	1	115	137	33.1	50.9	1.45
110	RE 11012	110	135	123.3	12	2.5	1	0.6	117	128	12.5	24.1	0.4
	RE 11015		145	129	15	3	1.6	0.6	122	136	23.7	41.5	0.75
	RE 11020		160	137	20	3.5	1.6	1	125	147	34	54	1.56
120	RE 12016	120	150	136	16	3	1.6	0.6	127	143	24.2	43.2	0.72
	RE 12025		180	152	25	3.5	2	1.5	135	166	66.9	100	2.62
130	RE 13015	130	160	146	15	3	1.6	0.6	137	153	25	46.7	0.72
	RE 13025		190	162	25	3.5	2	1.5	145	176	69.5	107	2.82

Notes: The model number of a type with seals attached is RE...UU.

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

(a) and (b) dimensions of the lubrication hole in the detailed diagram are reference values.