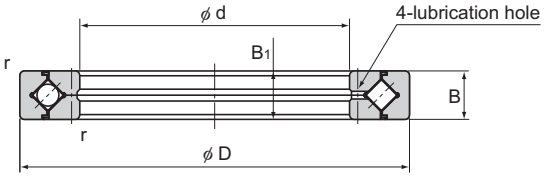
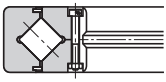
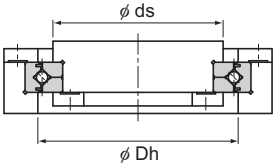
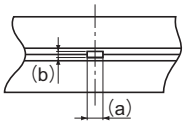
Model RE (Two-piece Inner Ring Type)



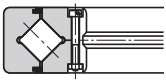


Model RE





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					C	C_0	
		d	D	dp	B B_1	a	b	r_{min}	ds (max)	Dh (min)	kN	kN	kg
140	RE 14016	140	175	156.8	16	3	1.6	1	151	167	25.9	50.1	1
	RE 14025		200	172	25	3.5	2	1.5	154	186	74.8	121	2.96
150	RE 15013	150	180	166	13	2.5	1.6	0.6	158	173	27	53.5	0.68
	RE 15025		210	182	25	3.5	2	1.5	164	196	76.8	128	3.16
	RE 15030		230	192	30	4.5	3	1.5	173	210	100	156	5.3
160	RE 16025	160	220	192	25	3.5	2	1.5	174	206	81.7	135	3.14
170	RE 17020	170	220	196.1	20	3.5	1.6	1.5	187	204	29	62.1	2.21
180	RE 18025	180	240	210	25	3.5	2	1.5	195	225	84	143	3.44
190	RE 19025	190	240	219	25	3.5	1.6	1	207	229	41.7	82.9	2.99
200	RE 20025	200	260	230	25	3.5	2	2	215	245	84.2	157	4
	RE 20030		280	240	30	4.5	3	2	221	258	114	200	6.7
	RE 20035		295	247.7	35	5	3	2	225	270	151	252	9.6
220	RE 22025	220	280	250.1	25	3.5	2	2	235	265	92.3	171	4.1
240	RE 24025	240	300	272.5	25	3.5	2	2.5	258	284	68.3	145	4.5
250	RE 25025	250	310	280.9	25	3.5	2	2.5	268	293	69.3	150	5
	RE 25030		330	287.5	30	4.5	3	2.5	269	306	126	244	8.1
	RE 25040		355	300.7	40	6	3.5	2.5	275	326	195	348	14.8
300	RE 30025	300	360	332	25	3.5	2	2.5	319	344	75.5	178	5.9
	RE 30035		395	345	35	5	3	2.5	322	368	183	367	13.4
	RE 30040		405	351.6	40	6	3.5	2.5	326	377	212	409	17.2
350	RE 35020	350	400	376.6	20	3.5	1.6	2.5	365	386	54.1	143	3.9

Note1) 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.
Note2) (a) and (b) dimensions of the lubrication hole in the detailed diagram are reference values.

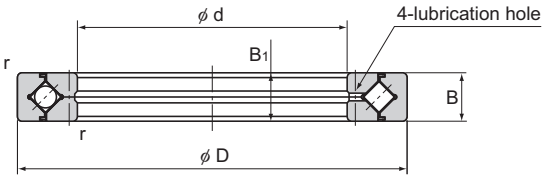
Model number coding

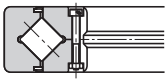
RE8016 UU CC0 P4

- RE8016: Model number
- UU: Seal attached on both ends (seal attached on either end: U)
- CC0: Radial clearance symbol (*1)
- P4: Accuracy symbol (*2)

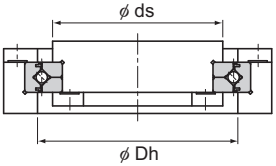
(*1) See **A18-18**. (*2) See **A18-13**.

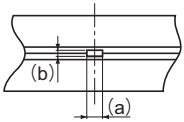
Download data by searching for the corresponding model number on the Technical Support site. https://tech.thk.com



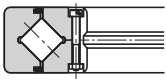


Model RE





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					C	C_0	
		d	D	dp	B B_1	a	b	r_{min}	ds (max)	Dh (min)	kN	kN	kg
400	RE 40035	400	480	440.3	35	5	3	2.5	422	459	156	370	14.5
	RE 40040		510	453.4	40	6	3.5	2.5	428	479	241	531	23.5
450	RE 45025	450	500	476.6	25	3.5	1.6	1	465	486	61.7	182	6.6
500	RE 50025	500	550	526.6	25	3.5	1.6	1	515	536	65.5	201	7.3
	RE 50040		600	548.8	40	6	3	2.5	526	572	239	607	26
	RE 50050		625	561.6	50	6	3.5	2.5	536	587	267	653	41.7
600	RE 60040	600	700	650	40	6	3	3	627	673	264	721	29

Note1) 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.
Note2) (a) and (b) dimensions of the lubrication hole in the detailed diagram are reference values.

Model number coding

RE50025 UU CC0 P6

- RE50025: Model number
- UU: Seal attached on both ends (seal attached on either end: U)
- CC0: Radial clearance symbol (*1)
- P6: Accuracy symbol (*2)

(*1) See A**18-18**. (*2) See A**18-13**.