

1.5. Accuracy Standards

Roller Followers are manufactured with accuracies in accordance with the following.

- ① Dimensional tolerance of the spherical outer ring in outer ring D : $-\overset{0}{0.05}$
- ② Dimensional tolerance of model RNAS^T in inscribed circle diameter : F6
- ③ Dimensional tolerance of model NART in bearing width B1 : h12
- ④ Accuracy of the inner ring and accuracy of the outer ring in width : table 4
- ⑤ Accuracy of the outer ring : table 5

Table 4 Accuracy of the Inner Ring and Accuracy of the Outer Ring in Width (JIS Class 0)

Unit: μm

Nominal dimension of the bearing inner diameter (di) (mm)		Tolerance of the bearing in inner diameter (dm) ^(note)		Tolerance of the inner ring (or outer ring) in width		Tolerance of the inner ring in radial run-out (max)
Above	Or less	Upper	Lower	Upper	Lower	
2.5	10	0	- 8	0	-120	10
10	18	0	- 8	0	-120	10
18	30	0	-10	0	-120	13
30	50	0	-12	0	-120	15

Note: "dm" represents the arithmetic average of the maximum and minimum diameters obtained in measuring the bearing inner diameter at two points.

Table 5 Accuracy of the Outer Ring (JIS Class 0)
Unit: μm

Nominal dimension of the bearing outer diameter (D) (mm)		Tolerance of the bearing in outer diameter (Dm) ^(note)		Tolerance of the outer ring in radial run-out (max)
Above	Or less	Upper	Lower	
6	18	0	- 9	15
18	30	0	- 9	15
30	50	0	-11	20
50	80	0	-13	25
80	120	0	-15	35

Note: "Dm" represents the arithmetic average of the maximum and minimum diameters obtained in measuring the bearing outer diameter at two points.