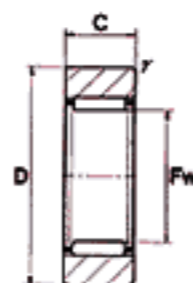
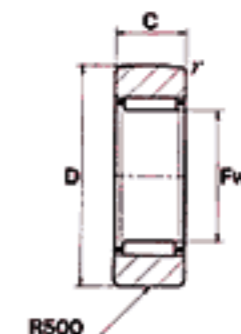


ROLLER FOLLOWERS
SEPARABLE WITHOUT INNER RING



RNAST



RNAST..R

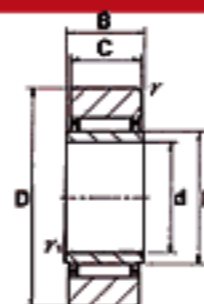
JNS:RNAST TYPE

Dimensions (mm)				Basic dynamic load rating Cr N	Basic static load rating Cor N	Track load capacity N	Limiting speed rpm	Designation		Weight g
Fw	D	C	¹⁾ γ's min					Cylindrical outer ring	Crowned outer ring	
7	16	7.8	0.3	2 740	2 390	2 350 1 080	30 000	RNAST 5	RNAST 5R	8.9
10	19	9.8	0.3	4 120	4 550	3 530 1 370	20 000	RNAST 6	RNAST 6R	13.9
12	24	9.8	0.6	5 680	5 890	4 020 1 860	17 000	RNAST 8	RNAST 8R	23.5
14	30	11.8	1	9 700	9 670	5 590 2 450	15 000	RNAST10	RNAST10R	42.5
16	32	11.8	1	10 400	10 900	5 980 2 740	13 000	RNAST12	RNAST12R	49.5
20	35	11.8	1	12 300	14 300	6 570 3 140	10 000	RNAST15	RNAST15R	50
22	40	15.8	1	17 400	20 900	10 900 3 720	9 500	RNAST17	RNAST17R	90
25	47	15.8	1	19 200	24 500	12 700 4 610	8 500	RNAST20	RNAST20R	135
30	52	15.8	1	20 700	28 400	14 100 5 290	7 000	RNAST25	RNAST25R	152
38	62	19.8	1	30 300	45 400	22 100 6 660	5 500	RNAST30	RNAST30R	255
42	72	19.8	1	32 200	50 600	25 700 8 130	5 000	RNAST35	RNAST35R	375
50	80	19.8	1.5	35 700	61 100	26 900 9 310	4 000	RNAST40	RNAST40R	420
55	85	19.8	1.5	37 100	66 400	28 500 10 100	4 000	RNAST45	RNAST45R	460
60	90	19.8	1.5	38 700	71 800	30 200 11 000	3 500	RNAST50	RNAST50R	500

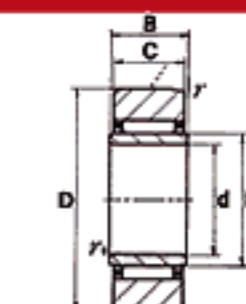
1) Smallest permissible chamfer dimension.

2) Suitable for grease lubrication. In case of oil lubrication, up to 130% of this value shall be permissible.

ROLLER FOLLOWERS
SEPARABLE WITH INNER RING



NAST



NAST..R

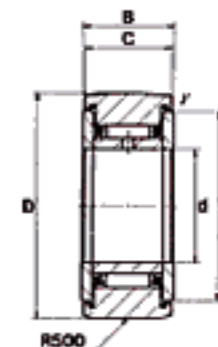
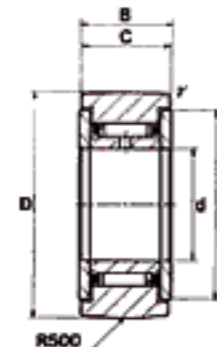
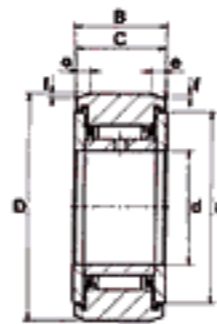
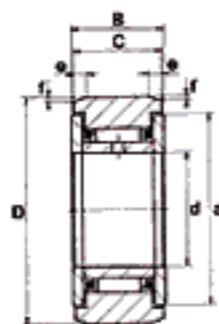
JNS:NAST TYPE

Dimensions (mm)							Basic dynamic load rating Cr N	Basic static load rating Cor N	Track load capacity N	Limiting speed ²⁾ rpm	Designation		Weight g
d	D	B	C	¹⁾ γ's min	¹⁾ γ'ls min	F					Cylindrical outer ring	Crowned outer ring	
6	19	10	9.8	0.3	0.3	10	4 120	4 550	3 530 1 370	20 000	NAST 6	NAST 6R	17.8
8	24	10	9.8	0.6	0.3	12	5 680	5 890	4 020 1 860	17 000	NAST 8	NAST 8R	28
10	30	12	11.8	1	0.3	14	9 700	9 670	5 590 2 450	15 000	NAST10	NAST10R	50
12	32	12	11.8	1	0.3	16	10 400	10 900	5 980 2 740	13 000	NAST12	NAST12R	58
15	35	12	11.8	1	0.3	20	12 300	14 300	6 570 3 140	10 000	NAST15	NAST15R	62
17	40	16	15.8	1	0.3	22	17 400	20 900	10 900 3 720	9 500	NAST17	NAST17R	110
20	47	16	15.8	1	0.3	25	19 200	24 500	12 700 4 610	8 500	NAST20	NAST20R	155
25	52	16	15.8	1	0.3	30	20 700	28 400	14 100 5 290	7 000	NAST25	NAST25R	180
30	62	20	19.8	1	0.6	38	30 300	45 400	22 100 6 660	5 500	NAST30	NAST30R	320
35	72	20	19.8	1	0.6	42	32 200	50 600	25 700 8 130	5 000	NAST35	NAST35R	440
40	80	20	19.8	1.5	1	50	35 700	61 100	26 900 9 310	4 000	NAST40	NAST40R	530
45	85	20	19.8	1.5	1	55	37 100	66 400	28 500 10 100	4 000	NAST45	NAST45R	580
50	90	20	19.8	1.5	1	60	38 700	71 800	30 200 11 000	3 500	NAST50	NAST50R	635

¹⁾ Smallest permissible chamfer dimension.

²⁾ Suitable for grease lubrication. In case of oil lubrication, up to 130% of this value shall be permissible.

ROLLER FOLLOWERS
SEPARABLE



JNS:NAST..ZZ TYPE

NAST..ZZ

NAST..ZZUU

NAST..ZZR

NAST..ZZUUR

Dimensions (mm)								Basic dynamic load rating Cr N	Basic static load rating Cor N	Track load capacity N	Limiting speed rpm	Designation				Weight g
d	D	B	C	a	e	f	γ_s min ¹⁾					Cylindrical outer ring		Crowned outer ring		
								Without seals	With seals	Without seals	With seals					
6	19	14	13.8	14	2.5	0.8	0.3	4 120	4 550	3 530 1 370	20 000	NAST 6ZZ	NAST 6ZZUU	NAST 6ZZR	NAST 6ZZUUR	24.5
8	24	14	13.8	17.5	2.5	0.8	0.6	5 680	5 890	4 510 1 860	17 000	NAST 8ZZ	NAST 8ZZUU	NAST 8ZZR	NAST 8ZZUUR	39
10	30	16	15.8	23.5	2.5	0.8	1	9 700	9 670	6 860 2 450	15 000	NAST10ZZ	NAST10ZZUU	NAST10ZZR	NAST10ZZUUR	65
12	32	16	15.8	25.5	2.5	0.8	1	10 400	10 900	7 350 2 740	13 000	NAST12ZZ	NAST12ZZUU	NAST12ZZR	NAST12ZZUUR	75
15	35	16	15.8	29	2.5	0.8	1	12 300	14 300	8 040 3 140	10 000	NAST15ZZ	NAST15ZZUU	NAST15ZZR	NAST15ZZUUR	83
17	40	20	19.8	32.5	3	1	1	17 400	20 900	11 800 3 720	9 500	NAST17ZZ	NAST17ZZUU	NAST17ZZR	NAST17ZZUUR	135
20	47	20	19.8	38	3	1	1	19 200	24 500	13 800 4 610	8 500	NAST20ZZ	NAST20ZZUU	NAST20ZZR	NAST20ZZUUR	195
25	52	20	19.8	43	3	1	1	20 700	28 400	15 300 5 290	7 000	NAST25ZZ	NAST25ZZUU	NAST25ZZR	NAST25ZZUUR	225
30	62	25	24.8	50.5	4	1.2	1	30 300	45 400	22 100 6 660	5 500	NAST30ZZ	NAST30ZZUU	NAST30ZZR	NAST30ZZUUR	400
35	72	25	24.8	53.5	4	1.2	1	32 200	50 600	25 700 8 130	5 000	NAST35ZZ	NAST35ZZUU	NAST35ZZR	NAST35ZZUUR	550
40	80	26	25.8	61.5	4	1.2	1.5	35 700	61 100	30 300 9 310	4 000	NAST40ZZ	NAST40ZZUU	NAST40ZZR	NAST40ZZUUR	710
45	85	26	25.8	66.5	4	1.2	1.5	37 100	66 400	31 100 10 100	4 000	NAST45ZZ	NAST45ZZUU	NAST45ZZR	NAST45ZZUUR	760
50	90	26	25.8	76	4	1.2	1.5	38 700	71 800	34 000 11 000	3 500	NAST50ZZ	NAST50ZZUU	NAST50ZZR	NAST50ZZUUR	830

1) Smallest permissible chamfer dimension.

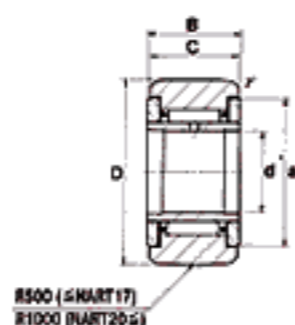
2) Without seals, suitable for grease lubrication. In case of oil lubrication, up to 130% of this value shall be permissible, and 70% of this value shall apply for types with seals.

NAST
ZZ

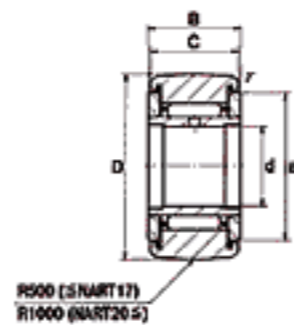
NAST
ZZ

ROLLER FOLLOWERS

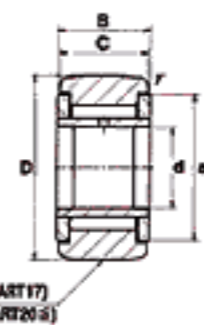
NON SEPARABLE



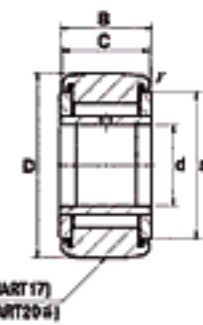
NART..R



NART..UUR



NART..VR



NART..UUVR

JNS:NART TYPE

Dimensions (mm)						Basic dynamic load rating Cr N	Basic static load rating Cor N	Track load capacity N	Limiting speed ²⁾ rpm	Designation				Weight g
d	D	B	C	a	r ¹⁾ min					Crowned outer ring with cage		Crowned outer ring fullroller		
										Without seals	With seals	Without seals	With seals	
5	16	12	11	12	0.3	3 620 6 760	3 720 8 340	1 080	25 000 8 500	NART 5R	NART 5UUR	NART 5VR	NART 5UUVR	14.5 15.1
6	19	12	11	14	0.3	4 200 7 640	4 700 10 300	1 370	20 000 7 000	NART 6R	NART 6UUR	NART 6VR	NART 6UUVR	20.5 21.5
8	24	15	14	17.5	0.3	6 600 11 800	7 300 15 600	1 860	17 000 5 500	NART 8R	NART 8UUR	NART 8VR	NART 8UUVR	41.5 42.5
10	30	15	14	23.5	0.6	8 600 15 600	8 300 18 100	2 450	15 000 5 000	NART10R	NART10UUR	NART10VR	NART10UUVR	64.5 66.5
12	32	15	14	25.5	0.6	9 100 16 800	9 200 20 500	2 740	13 000 4 500	NART12R	NART12UUR	NART12VR	NART12UUVR	71 73
15	35	19	18	29	0.6	14 400 25 100	17 600 36 400	3 140	10 000 3 500	NART15R	NART15UUR	NART15VR	NART15UUVR	102 106
17	40	21	20	32.5	1	18 600 32 000	22 500 46 200	3 720	9 500 3 000	NART17R	NART17UUR	NART17VR	NART17UUVR	149 155
20	47	25	24	38	1	24 100 41 700	32 700 67 300	7 150	8 000 2 500	NART20R	NART20UUR	NART20VR	NART20UUVR	250 255
25	52	25	24	43	1	25 800 45 500	37 500 79 000	8 230	7 000 2 500	NART25R	NART25UUR	NART25VR	NART25UUVR	285 295
30	62	29	28	50.5	1	36 200 59 800	56 900 110 400	10 500	5 500 1 800	NART30R	NART30UUR	NART30VR	NART30UUVR	470 485
35	72	29	28	53.5	1	38 200 63 000	62 800 121 500	12 900	5 000 1 700	NART35R	NART35UUR	NART35VR	NART35UUVR	640 655
40	80	32	30	61.5	1	46 200 76 200	84 700 164 200	14 900	4 000 1 400	NART40R	NART40UUR	NART40VR	NART40UUVR	845 865
45	85	32	30	66.5	1	49 300 80 200	95 200 181 100	16 100	4 000 1 300	NART45R	NART45UUR	NART45VR	NART45UUVR	915 935
50	90	32	30	76	1	51 100 84 100	102 300 198 000	17 300	3 500 1 200	NART50R	NART50UUR	NART50VR	NART50UUVR	980 1 010

1) Smallest permissible chamfer dimension.

2) Without seals, suitable for grease lubrication. In case of oil lubrication, up to 130% of this value shall be permissible, and 70% of this value shall apply for types with seals.