

Roller Followers

Separate, Solid

■ Separate

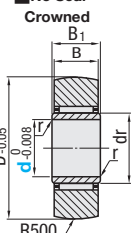


RoHS 10

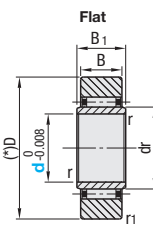
Grease	No Seal		With Seal		Material
	Crowned	Flat	Crowned	Flat	
General	NASTR	NASTF	NASTZ	NASTFZ	EN 1.3505 Equiv.
Low Dust Generation	-	NASTFS	NASTZS	NASTFZS	EN 1.4125 Equiv.

■ No Seal

Crowned

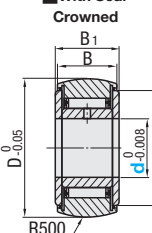


Flat

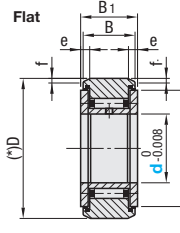


■ With Seal

Crowned



Flat



Operating Temp.: 80°C or lower

■ No Seal

Part Number	Type	d	D	dr	B	B ₁	r	r ₁	Basic Dynamic Load Rating		Basic Static Load Rating		Track Load Capacity (kN)		Max. Rotational Speed (rpm)	Mass (g)	Unit Price		
									C(kN)	Co(kN)	NASTR	NASTF	NASTZ	NASTFZ			NASTFS		
6	19	10	9.8	10	0.5	4.12	4.55	1.37	3.53	20000	17.8								
8	24	12	11.8	12	1.0	5.68	5.89	1.86	4.02	17000	28								
10	30	14	15.8	14	1.5	9.70	9.67	2.45	5.59	15000	50								
12	32	16	17.5	16	1.5	10.4	10.9	2.74	5.98	13000	58								
15	35	20	23.5	20	-	12.3	14.3	3.14	-	10000	62								
17	40	22	25.5	22	-	17.4	20.9	3.72	-	9500	110								
20	47	25	31.2	25	-	19.2	24.5	4.61	-	8500	155								

kgf=Nx0.101972

■ With Seal

Part Number	Type	d	D	a	B	B ₁	e	f	Basic Dynamic Load Rating		Basic Static Load Rating		Track Load Capacity (kN)		Max. Rotational Speed (rpm)	Mass (g)	Unit Price		
									C(kN)	Co(kN)	NASTZ	NASTFZ	NASTZS	NASTFZS			NASTFZC		
6	19	14	13.8	14	2.5	0.8	4.12	4.55	1.37	3.53	8000	24.5							
8	24	17.5	15.8	16	5.68	5.89	1.86	4.51	6800	39									
10	30	23.5	19.8	20	9.70	9.67	2.45	6.86	6000	65									
12	32	25.5	21.8	22	10.4	10.9	2.74	7.35	5200	75									
15	35	29.0	23.8	24	12.3	14.3	-	8.04	4000	83									
17	40	32.5	25.8	26	17.4	20.9	-	11.8	3800	135									
20	47	38.0	31.8	30	19.2	24.5	-	13.8	3400	195									

kgf=Nx0.101972

Apply ample grease before use.

kgf=Nx0.101972

■ Solid

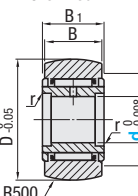


RoHS 10

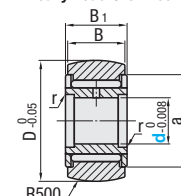
Grease	No Seal		With Seal		Material
	Crowned	Heavy Load Crowned	Crowned	Heavy Load Crowned	
General	NARTR	NARTRV	NARTU	NARTV	EN 1.3505 Equiv.
Low Dust Generation	-	-	NARTUC	-	EN 1.4125 Equiv.

■ No Seal

Crowned

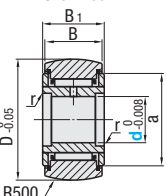


Heavy Load Crowned

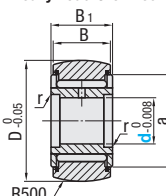


■ With Seal

Crowned



Heavy Load Crowned



Operating Temp.: 80°C or lower

■ No Seal

Part Number	Type	d	D	a	B	B ₁	r	Basic Dynamic Load Rating C (kN)		Basic Static Load Rating Co (kN)		Track Load Capacity (kN)		Max. Rotational Speed (rpm)	Mass (g)	Unit Price		
								NARTR	NARTRV	NARTU	NARTV	NARTUC	NARTV			NARTUS	NARTVS	NARTUC
5	16	12	11	12	0.5	2.84	6.46	2.65	7.81	1.08	25000	10500	15					
6	19	14	13	14	3.33	7.58	3.35	10.2	1.37	20000	8700	21						
8	24	17.5	16	17	5.68	11.7	5.89	15.6	1.86	17000	7000	42						
10	30	23.5	19	19	7.94	15.8	7.59	18.5	2.45	15000	5700	66						
12	32	25.5	21	21	8.53	17.0	8.44	21.0	2.74	13000	5200	73						

kgf=Nx0.101972

■ With Seal

Part Number	Type	d	D	a	B	B ₁	r	Basic Dynamic Load Rating C (kN)		Basic Static Load Rating Co (kN)		Track Load Capacity (kN)		Max. Rotational Speed (rpm)	Mass (g)	Unit Price		
								NARTU	NARTV	NARTUC	NARTV	NARTUS	NARTVS			NARTUC	NARTVS	
5	16	12	11	12	2.84	6.46	2.65	7.81	1.08	10000	4200	14.5	15.1					
6	19	14	13	14	3.33	7.58	3.35	10.2	1.37	8000	3480	20.5	21.5					
8	24	17.5	16	17	5.68	11.7	5.89	15.6	1.86	6800	2800	41.5	42.5					
10	30	23.5	19	19	7.94	15.8	7.59	18.5	2.45	6000	2280	64.5	66.5					
12	32	25.5	21	21	8.53	17.0	8.44	21.0	2.74	5200	2080	71	73					
15	35	29.0	23	23	13.7	25.3	16.4	36.9	3.14	4000	1720	102	106					
17	40	32.5	25	25	17.4	32.0	19.3	46.6	3.72	3800	1560	149	155					
20	47	38.0	31	31	22.9	41.7	30.6	67.7	7.15	3200	1360	250	255					

kgf=Nx0.101972

■ Roller Follower Pins Threaded



RoHS 10

Type	Part Number	Dg6	L	Unit Price
RFN	5	-0.004	20 25 30	14
	6	-0.012	30 32 34 36	16
	8	-0.005	30 32 34 36 38	19
	10	-0.014	36 38 42	22
	12	-0.006	38 42 46	25
	15	-0.017	38 42 46 50	28
	17	-0.007	38 42 46 50 54	31
	20	-0.020	38 42 46 50 54	31

kgf=Nx0.101972

■ Roller Follower Pins Retaining Ring



RoHS 10

Type	Part Number	Dg6	L	Unit Price
RFC	5	-0.004	20-44	14
	6	-0.012	22-46	16
	8	-0.005	22-47	19
	10	-0.014	25-48	22
	12	-0.006	25-52	25
	15	-0.017	25-58	28
	17	-0.007	25-68	31
	20	-0.020	25-68	31

kgf=Nx0.101972

Urethane Roller Followers / Roller Follower Pins

■ Urethane Roller Followers



RoHS 10

Type	Part Number	d	D	dr	B	B ₁	r	Allowable Load (N)	Max. Rotational Speed (rpm)	Mass (g)	Unit Price	
											NAUTRR	NAUTF
NAUTRR	6	19	10	9.8	10	0.5	96	4900	22.3			
	8	24	12	11.8	12	1.5	147	3475	58			
	10	30	14	15.8	14	1.5	196	5055	81			
	12	32	16	17.5	16	1.5	250	5910	50			

kgf=Nx0.101972

Type	Part Number	d	D	a	B	B ₁	e	f	Allowable Load (N)	Max. Rotational Speed (rpm)	Mass (g)	Unit Price	
												NAUTF	NAUGF
NAUTF	6	19	14	13.8	14	2.5	0.8	96	1360	29			
	8	24	17.5	15.8	16	5.68	5.89	147	1660	44.5			
	10	30	23.5	19.8	20	9.70	9.67	196	1390	73			
	12	32	25.5	21.8	22	10.4	10.9	250	1320	83			

kgf=Nx0.101972

■ Solid, Flat

Part Number	Type	d	D	a	B	B ₁	r	Allowable Load (N)	Max. Rotational Speed (rpm)	Mass (g)	Unit Price	
											NAUGFR	NAUGF
NAUGFR	5	16	12	11	12	0.5	100	6525	19.5			
	6	19	14	13	14	3.33	7.58	5220	26.5			
	8	24	17.5	16	17	5.68	11.7	4785	74			
	10	30	23.5	19	19	7.94	15.8	5055	81			

kgf=Nx0.101972

Ordering Example

Part Number

NAUTF6

■ Roller Follower Pins Threaded



RoHS 10

Type	Part Number	Dg6	L	Unit Price
FRFN	5	-0.004	20 25 30	14
	6	-0.012	30 32 34 36	16
	8	-0.005	30 32 34 36 38	19
	10	-0.014	36 38 42	22
	12	-0.006	38 42 46	25
	15	-0.017	38 42 46 50	28
	17	-0.007	38 42 46 50 54	31
	20	-0.020	38 42 46 50 54	31

kgf=Nx0.101972

Type	Part Number	Dg6	L	Unit Price
FRFN	5	-0.004	20-30	14
	6	-0.012	20-36	16
	8	-0.005	20-38	19
	10	-0.014	20-42	22
	12	-0.006	25-46	25
	15	-0.017	25-50	28
	17	-0.007	25-50	31
	20	-0.020	25-54	31

kgf=Nx0.101972

■ Roller Follower Pins Retaining Ring



RoHS 10

Type	Part Number	Dg6	L	Unit Price
RFC	5	-0.004	20-44	14
	6	-0.012	22-46	16
	8	-0.005	22-47	19
	10	-0.014	25-48	22
	12	-0.006	25-52	25
	15	-0.017	25-58	28
	17	-0.007	25-68	31
	20	-0.020	25-68	31

kgf=Nx0.101972

Type	Part Number	Dg6	L	Unit Price
RFC	5	-0.004	20-44	14
	6	-0.012	22-46	16
	8	-0.005	22-47	19
	10	-0.014	25-48	22
	12	-0.006	25-52	25
	15	-0.017	25-58	28
	17	-0.007	25-68	31
	20	-0.020	25-68	31

kgf=Nx0.101972