

Roller Follower Pins (Urethane Type)

Separate / Solid Type

Roller Followers (Urethane Type)

Separate, R
 No Seal NAUTRR
 With Seal NAUTR

Separate, Flat
 No Seal NAUTFR
 With Seal NAUTF

Solid, Flat
 No Seal NAUGFR
 With Seal NAUGF

Material: Main Body: 52100 Bearing Steel Equivalent Urethane Shore A90 (Black)
Operating Temperature: 80°C or Less
 Urethane is baked on the outer rings of the cam followers.

Separate, No Seal (Common for R and Flat)

kgf=Nx0.101972

Part Number		D	dr	B	B ₁	r	Allowable Load (N)	Rotational Speed Limit (rpm)	Mass (g)
Type	d								
NAUTRR NAUTFR	6	19	10	9.8	10	0.5	96	4900	22.3
	8	24	12				115	4150	33.5
	10	30	14	147	3475		58		
	12	32	16	151	3300		66		

Separate, With Seal (Common for R and Flat)

kgf=Nx0.101972

Part Number		D	a	B	B ₁	e	f	Allowable Load (N)	Rotational Speed Limit (rpm)	Mass (g)
Type	d									
NAUTR NAUTF	6	19	14	13.8	14	2.5	0.8	96	1960	29
	8	24	17.5					115	1660	44.5
	10	30	23.5	147	1390			73		
	12	32	25.5	151	1320			83		

Solid, Flat

kgf=Nx0.101972

Part Number		D	a	B	B ₁	r	Allowable Load (N)	Rotational Speed Limit (rpm)	Mass (g)
Type	d								
NAUGFR NAUGF	5	16	12	11	12	0.5	100	6525	19.5
	6	19	14				125	5220	26.5
	8	24	17.5	14	15		150	5910	50
	10	30	23.5				190	4785	74
	12	32	25.5				196	5055	81

Part Number Example

Part Number: NAUTR6
 NAUTF6
 NAUGF6

Roller Follower Pins

Threaded Type

Roller Follower Pins - Threaded Type

Type	Material	Surface Treatment
L Selectable L, F Configurable	1045 Carbon Steel or Equivalent	Black Oxide
FRFN FSRFN	304 Stainless Steel	—

L Selectable
 30° R0.3 or less M L F

L, F Configurable
 30° R0.3 or less M L F

25/(6.3/6.3/1.6/)

Application Example
 Roller Follower (NASTR)

Part Number		L Selection					I					
Type	D ₉₆											
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						38	42	46	25		
	15	-0.006						38	42	46	50	
	17	-0.017									28	
20	-0.007	-0.020					38	42	46	50	54	31

Part Number		L 1mm Increment	F 1mm Increment
Type	D ₉₆		
FRFN FSRFN	5	20-30	M≤F≤L-10
	6	20-36	
	8	20-38	
	10	20-42	
	12	25-46	
	15	25-50	
	17	25-50	
20	25-54		

Part Number Example

Part Number: RFN6 - 30
 FRFN6 - 35 - F10