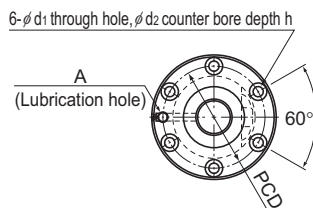


BNF (Unfinished Shaft Ends) No Preload

DN value	70,000
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Model No.	Ball screw specifications							Nut			
	Screw shaft outer diameter	Lead	Ball center-to-center diameter	Thread minor diameter	No. of loaded circuits	Basic load rating		Outer diameter	Flange diameter	Overall length	
	d	Ph	dp	dc	Rows X turns	Ca kN	C·a kN	D	D _f	L ₁	H
BNF 2510A-2.5	25	10	26.3	21.4	1×2.5	15.8	33	58	85	70	18
BNF 2806-5	28	6	28.75	25.2	2×2.5	17.5	49.4	55	85	68	12
BNF 3205-5	32	5	32.75	29.2	2×2.5	18.5	56.4	58	85	56	12

Model number coding

BNF2806-10 RR G1 +1020L C5 A

Model No.

Symbol for clearance in the axial direction ²

Accuracy symbol ³

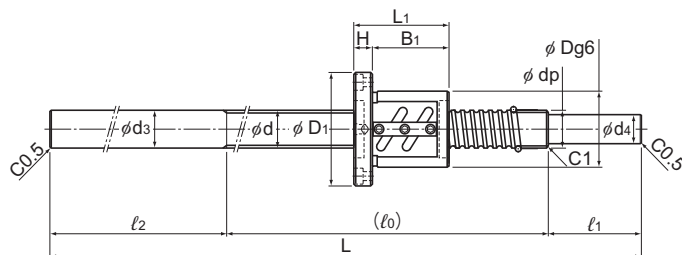
Unfinished shaft ends code (A or B)

Seal symbol¹

Overall screw shaft length (in mm)

¹ See **A15-356**. ² See **A15-19**. ³ See **A15-12**.

Positioning Ball Screw



Unit: mm

Dimensions							Screw shaft dimensions							Nut mass	Shaft mass	Permissible rotational speed
	B ₁	PCD	d ₁	d ₂	h	Lubrication hole A	Stan- dardstock symbol	Overall length L	ℓ ₀	ℓ ₁	ℓ ₂	d ₃	d ₄			
	52	71	6.6	11	6.5	M6	A	620	400	60	160	25	20.3	1.43	2.68	2,660
								820	600							
								1,020	800							
								1,220	1,000							
								1,420	1,200							
	56	69	6.6	11	6.5	M6	A	520	300	60	160	28	20.3	1.13	3.89	2,430
								620	400							
								720	500							
								920	700							
								1,020	800							
								1,220	1,000							
								1,420	1,200							
							B	720	400	70	250	28	24.8			
								920	500		350					
								1,100	700		330					
	44	71	6.6	11	6.5	M6	A	730	500	70	160	32	25.3	0.93	5.03	2,130
								930	700							
								1,230	1,000							
								1,430	1,200							
								1,630	1,400							
								1,830	1,600							
													27.8			

Ball Screw