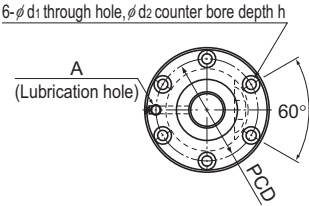


BIF (Unfinished Shaft Ends)
With Preload

DN value

70,000



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 _{0a} kN	D	D _f	L ₁	H
BIF 1605-5	16	5	16.75	13.2	1×2.5	7.4	13.9	40	60	56	10
BIF 1810-3	18	10	18.8	15.5	1×1.5	5.1	9.6	42	65	75	12
BIF 2005-5	20	5	20.75	17.2	1×2.5	8.3	17.4	44	67	56	11
BIF 2505-5	25	5	25.75	22.2	1×2.5	9.2	22	50	73	55	11

Model number coding

BIF2005-5 RR G0 +610L C5 A

Model No.

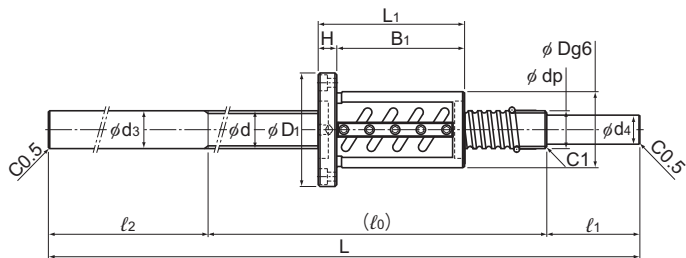
Symbol for clearance in the axial direction²

Accuracy symbol³

Unfinished shaft ends code (A or B)

Seal symbol¹

Overall screw shaft length (in mm)



Unit: mm

Dimensions						Screw shaft dimensions								Nut mass	Shaft mass	Permissible rotational speed
	B ₁	PCD	d ₁	d ₂	h	Lubrication hole A	Standard stock symbol	Overall length L	l ₀	l ₁	l ₂	d ₃	d ₄	kg	kg/m	min ⁻¹
46	50	4.5	8	4.5	M6	A		410	200	50	160	16	12.8	0.56	0.92	4,170
								510	300							
								610	400							
								710	500						1.25	
63	53	5.5	9.5	5.5	M6	A		410	200	50	160	18	15.3	0.75	1.62	3,720
								510	300							
								610	400							
								710	500							
45	55	5.5	9.5	5.5	M6	A		810	600	50	160	20	15.3	0.57	1.65	3,370
								410	200							
								510	300							
								610	400							
								710	500							
								810	600							
								1,010	800							
								610	300							
44	61	5.5	9.5	5.5	M6	A		710	400	60	160	25	20.3	0.75	2.84	2,710
								820	600							
								1,020	800							
								1,220	1,000							
								1,420	1,200							
								720	400							
								820	500							
								720	400							

Ball Screw