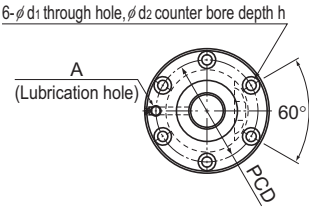


BIF (Unfinished Shaft Ends) With Preload

DN value	70,000
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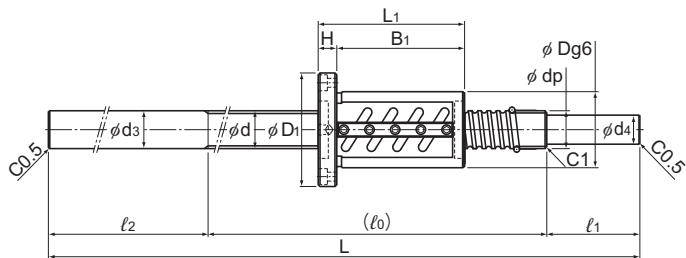


Model No.	Ball screw specifications							Nut			
	Screw shaft outer diameter	Lead	Ball center-to-center diameter	Thread minor diameter	No. of loaded circuits	Basic load rating		Outer diameter	Flange diameter	Overall length	H
	d	Ph	dp	dc	Rows X turns	Ca kN	C:a kN	D	D _f	L ₁	
BIF 2510A-5	25	10	26.3	21.4	1×2.5	15.8	33	58	85	100	18
BIF 2806-5 BIF 2806-10	28	6	28.75	25.2	1×2.5 2×2.5	9.6 17.5	24.6 49.4	55	85	68 104	12
BIF 3205-5 BIF 3205-10	32	5	32.75	29.2	1×2.5 2×2.5	10.2 18.5	28.1 56.4	58	85	56 86	12

Model number coding

BIF2806-10 RR G0 +1020L C5 A

Model No. Seal symbol¹ Symbol for clearance in the axial direction² Overall screw shaft length (in mm) Accuracy symbol³ Unfinished shaft ends code (A or B)



Unit: mm

Dimensions							Screw shaft dimensions							Nut mass kg	Shaft mass kg/m	Permissible rotational speed min ⁻¹
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				
82	71	6.6	11	6.5	M6	A	620	400	60	160	25	20.3	1.87	2.68	2,660	
							820	600								
							1,020	800								
							1,220	1,000								
							1,420	1,200								
56 92	69	6.6	11	6.5	M6	A	520	300	60	160	28	20.3	1 1.57	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 74	71	6.6	11	6.5	M6	A	730	500	70	160	32	25.3	0.87 1.32	5.03	2,130	
							930	700								
							1,230	1,000								
							1,430	1,200								
							1,630	1,400								
							1,830	1,600								

Ball Screw