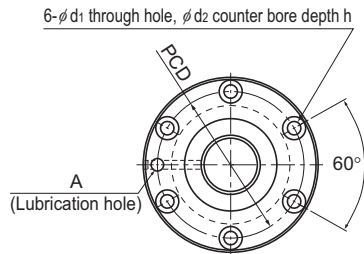
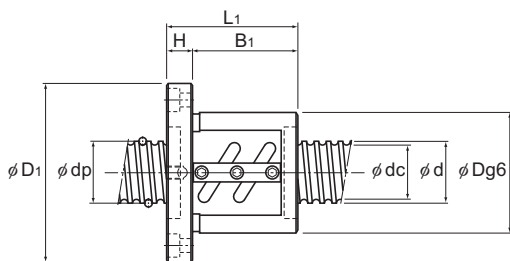


BNF
No Preload

DN value	70,000
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Model No.	Screw shaft outer diameter d	Lead Ph	Ball center- to-center diameter dp	Thread minor diameter dc	No. of loaded circuits Rows X turns	Basic load rating		Rigidity K N/μm
						Ca kN	C0a kN	
BNF 7010-2.5	70	10	71.75	64.5	1×2.5	36.8	123.5	590
BNF 7010-5	70	10	71.75	64.5	2×2.5	66.9	247	1,140
BNF 7010-7.5	70	10	71.75	64.5	3×2.5	94.9	371.4	1,680
BNF 7012-2.5	70	12	72	64.2	1×2.5	43.5	139.2	600
BNF 7012-5	70	12	72	64.2	2×2.5	78.9	278.3	1,160
BNF 7012-7.5	70	12	72	64.2	3×2.5	111.7	417.5	1,710
BNF 7020-5	70	20	72.7	62.9	2×2.5	153.9	514.5	1,550
BNF 8010-2.5	80	10	81.75	75.2	1×2.5	38.9	141.1	650
BNF 8010-5	80	10	81.75	75.2	2×2.5	70.6	283.2	1,270
BNF 8010-7.5	80	10	81.75	75.2	3×2.5	100	424.3	1,860
BNF 8020A-2.5	80	20	82.7	72.9	1×2.5	90.1	294	890
BNF 8020A-5	80	20	82.7	72.9	2×2.5	163.7	589	1,720
BNF 8020A-7.5	80	20	82.7	72.9	3×2.5	231.6	883.2	2,520
BNF 10020A-2.5	100	20	102.7	92.9	1×2.5	99	368.5	2,110
BNF 10020A-5	100	20	102.7	92.9	2×2.5	179.3	737	4,080
BNF 10020A-7.5	100	20	102.7	92.9	3×2.5	253.8	1105.4	6,010



Unit: mm

	Nut dimensions								Screw shaft inertial moment/mm kg·m ² /mm	Nut mass kg	Shaft mass kg/m	Permissible rotational speed min ⁻¹
	Outer diameter D	Flange diameter D ₁	Overall length L ₁	H	B ₁	PCD	d ₁ ×d ₂ ×h	Lubrication hole A				
	125	167	81	18	63	145	11×17.5×11	Rc1/8 (PT1/8)	1.85×10 ⁻⁵	5.8	27.4	970
	125	167	111	18	93	145	11×17.5×11		1.85×10 ⁻⁵	7.49	27.4	970
	125	167	141	18	123	145	11×17.5×11		1.85×10 ⁻⁵	9.19	27.4	970
	128	170	93	18	75	148	11×17.5×11		1.85×10 ⁻⁵	6.89	27.24	970
	128	170	129	18	111	148	11×17.5×11		1.85×10 ⁻⁵	9.08	27.24	970
	128	170	165	18	147	148	11×17.5×11		1.85×10 ⁻⁵	11.26	27.24	970
	130	186	185	28	157	158	18×26×17.5		1.85×10 ⁻⁵	14.5	27	960
	130	176	77	22	55	152	14×20×13		3.16×10 ⁻⁵	5.9	36.26	850
	130	176	107	22	85	152	14×20×13		3.16×10 ⁻⁵	7.53	36.26	850
	130	176	137	22	115	152	14×20×13		3.16×10 ⁻⁵	9.15	36.26	850
	143	204	127	28	99	172	18×26×17.5		3.16×10 ⁻⁵	12.68	35.81	840
	143	204	187	28	159	172	18×26×17.5		3.16×10 ⁻⁵	17.12	35.81	840
	143	204	247	28	219	172	18×26×17.5		3.16×10 ⁻⁵	21.56	35.81	840
	170	243	131	32	99	205	22×32×21.5		7.71×10 ⁻⁵	18.28	57.13	680
	170	243	191	32	159	205	22×32×21.5		7.71×10 ⁻⁵	24.2	57.13	680
	170	243	251	32	219	205	22×32×21.5		7.71×10 ⁻⁵	30.12	57.13	680

Ball Screw