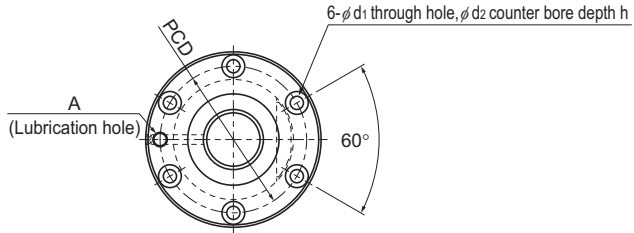
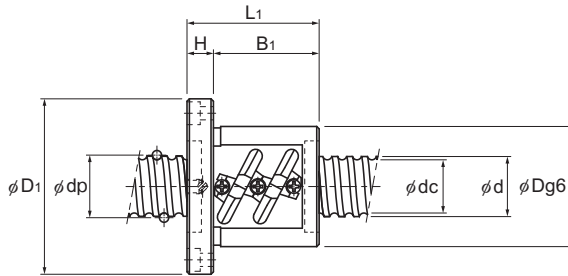


BNF-V Small No Preload

DN value	100,000
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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	C _a kN	
BNF 1604V-5	16	4	16.5	13.8	2×2.5	7.8	17.4	290
BNF 1605V-2.5	16	5	16.75	13.2	1×2.5	7.4	13.9	170
BNF 1605V-5	16	5	16.75	13.2	2×2.5	13.5	27.9	320
BNF 2004V-2.5	20	4	20.5	17.8	1×2.5	4.8	10.9	180
BNF 2004V-5	20	4	20.5	17.8	2×2.5	8.6	21.8	350
BNF 2005V-2.5	20	5	20.75	17.2	1×2.5	8.3	17.5	200
BNF 2005V-5	20	5	20.75	17.2	2×2.5	15.1	35	380
BNF 2010V-2.5	20	10	20.75	17.2	1×2.5	8.3	17.6	197
BNF 2504V-2.5	25	4	25.5	22.8	1×2.5	5.2	13.7	210
BNF 2504V-5	25	4	25.5	22.8	2×2.5	9.5	27.4	410
BNF 2505V-2.5	25	5	25.75	22.2	1×2.5	9.2	21.9	240
BNF 2505V-5	25	5	25.75	22.2	2×2.5	16.7	43.9	460
BNF 2506V-2.5	25	6	26	21.4	1×2.5	12.4	27.4	250
BNF 2506V-5	25	6	26	21.4	2×2.5	22.6	54.8	470
BNF 2805V-2.5	28	5	28.75	25.2	1×2.5	9.7	24.6	250
BNF 2805V-5	28	5	28.75	25.2	2×2.5	17.5	49.2	500
BNF 2805V-7.5	28	5	28.75	25.2	3×2.5	24.8	73.8	740
BNF 2806V-2.5	28	6	28.75	25.2	1×2.5	9.6	24.6	250
BNF 2806V-5	28	6	28.75	25.2	2×2.5	17.5	49.2	500
BNF 2806V-7.5	28	6	28.75	25.2	3×2.5	24.8	73.8	740
BNF 3205V-2.5	32	5	32.75	29.2	1×2.5	10.2	28.1	280
BNF 3205V-5	32	5	32.75	29.2	2×2.5	18.5	56.3	560
BNF 3205V-7.5	32	5	32.75	29.2	3×2.5	26.2	84.4	810
BNF 3206V-2.5	32	6	33	28.4	1×2.5	13.9	35.2	290
BNF 3206V-5	32	6	33	28.4	2×2.5	25.2	70.3	580



Unit: mm

	Nut dimensions								Screw shaft inertial moment/mm	Nut mass	Shaft mass	Permissible rotational speed
	Outer diameter	Flange diameter	Overall length	H	B ₁	PCD	d ₁ ×d ₂ ×h	Lubrication hole				
	D	D ₁	L ₁	H	B ₁	PCD	d ₁ ×d ₂ ×h	A				
	36	59	53	11	42	47	5.5×9.5×5.5	M6	5.05×10 ⁻⁸	0.42	1.42	5,000
	40	60	41	10	31	50	4.5×8×4.5	M6	5.05×10 ⁻⁸	0.37	1.37	5,000
	40	60	56	10	46	50	4.5×8×4.5	M6	5.05×10 ⁻⁸	0.49	1.37	5,000
	40	63	37	11	26	51	5.5×9.5×5.5	M6	1.23×10 ⁻⁷	0.3	2.22	4,870
	40	63	49	11	38	51	5.5×9.5×5.5	M6	1.23×10 ⁻⁷	0.49	2.22	4,870
	44	67	41	11	30	55	5.5×9.5×5.5	M6	1.23×10 ⁻⁷	0.46	2.19	4,810
	44	67	56	11	45	55	5.5×9.5×5.5	M6	1.23×10 ⁻⁷	0.6	2.19	4,810
	46	74	58	15	43	59	5.5×9.5×5.5	M6	1.23×10 ⁻⁷	0.68	2.46	4,810
	46	69	36	11	25	57	5.5×9.5×5.5	M6	3.01×10 ⁻⁷	0.21	3.6	3,920
	46	69	48	11	37	57	5.5×9.5×5.5	M6	3.01×10 ⁻⁷	0.55	3.6	3,920
	50	73	40	11	29	61	5.5×9.5×5.5	M6	3.01×10 ⁻⁷	0.52	3.52	3,880
	50	73	55	11	44	61	5.5×9.5×5.5	M6	3.01×10 ⁻⁷	0.68	3.52	3,880
	53	76	44	11	33	64	5.5×9.5×5.5	M6	3.01×10 ⁻⁷	0.61	3.43	3,840
	53	76	62	11	51	64	5.5×9.5×5.5	M6	3.01×10 ⁻⁷	0.91	3.43	3,840
	55	85	44	12	32	69	6.6×11×6.5	M6	4.74×10 ⁻⁷	1.02	4.45	3,470
	55	85	59	12	47	69	6.6×11×6.5	M6	4.74×10 ⁻⁷	1.06	4.45	3,470
	55	85	74	12	62	69	6.6×11×6.5	M6	4.74×10 ⁻⁷	1.16	4.45	3,470
	55	85	50	12	38	69	6.6×11×6.5	M6	4.74×10 ⁻⁷	0.87	4.52	3,470
	55	85	68	12	56	69	6.6×11×6.5	M6	4.74×10 ⁻⁷	1.09	4.52	3,470
	55	85	86	12	74	69	6.6×11×6.5	M6	4.74×10 ⁻⁷	1.3	4.52	3,470
	58	85	41	12	29	71	6.6×11×6.5	M6	8.08×10 ⁻⁷	0.76	5.89	3,050
	58	85	56	12	44	71	6.6×11×6.5	M6	8.08×10 ⁻⁷	0.94	5.89	3,050
	58	85	71	12	59	71	6.6×11×6.5	M6	8.08×10 ⁻⁷	1.13	5.89	3,050
	62	89	45	12	33	75	6.6×11×6.5	M6	8.08×10 ⁻⁷	0.94	5.88	3,030
	62	89	63	12	51	75	6.6×11×6.5	M6	8.08×10 ⁻⁷	1.21	5.88	3,030

Ball Screw