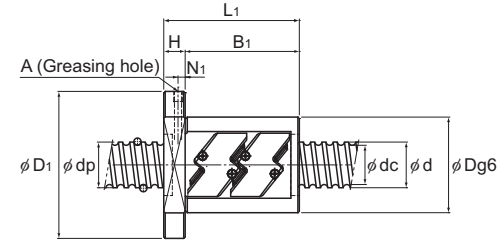
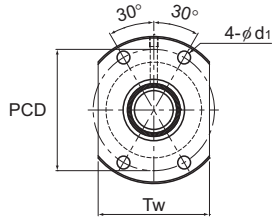


**BTK-V  
No Preload**

DN value 100000



Unit: mm

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	Nut dimensions				Greasing hole		Axial clearance	Standard shaft length	Screw shaft inertial moment/mm kg-cm <sup>2</sup> /mm	Nut mass kg	Shaft mass kg/m				
						Ca kN	Ca kN		Outer diameter D	Flange diameter D <sub>f</sub>	Overall length L <sub>1</sub>	H	B <sub>1</sub>	PCD						d <sub>1</sub>	Tw	N <sub>1</sub>	A
BTK 1006V-2.6	10	6	10.5	7.8	1x2.65	2.8	4.9	88	26	42	36	8	28	34	4.5	29	—	3	0.05	200, 300, 500, 1000	7.71 × 10 <sup>-5</sup>	0.12	0.48
BTK 1208V-2.6	12	8	12.65	9.7	1x2.65	3.8	6.8	108	29	45	44	8	36	37	4.5	32	—	3	0.05	200, 300, 500, 1000	1.6 × 10 <sup>-4</sup>	0.18	0.72
BTK 1404V-3.6	14	4	14.4	11.5	1x3.65	5.5	11.5	150	31	50	40	10	30	40	4.5	37	5	M6	0.1	500, 1000	2.96 × 10 <sup>-4</sup>	0.23	1
BTK 1405V-2.6	14	5	14.5	11.2	1x2.65	5	11.4	116	32	50	40	10	30	40	4.5	38	5	M6	0.1	500, 1000	2.96 × 10 <sup>-4</sup>	0.22	0.99
BTK 1605V-2.6	16	5	16.75	13.5	1x2.65	5.4	13.3	130	34	54	40	10	30	44	4.5	40	5	M6	0.1	500, 1000, 1500	5.05 × 10 <sup>-4</sup>	0.24	1.34
BTK 1808V-3.6	18	8	19.3	14.4	1x3.65	13.1	31	210	50	80	61	12	49	65	6.6	60	5	M6	0.1	500, 1000, 1500	8.09 × 10 <sup>-4</sup>	0.84	1.71
BTK 2005V-2.6	20	5	20.5	17.2	1x2.65	6	16.5	150	40	60	40	10	30	50	4.5	46	5	M6	0.1	500, 1000, 1500, 2000	1.23 × 10 <sup>-3</sup>	0.32	2.15
BTK 2010V-2.6	20	10	21.25	16.4	1x2.65	10.6	25.1	160	52	82	61	12	49	67	6.6	64	5	M6	0.1	500, 1000, 1500, 2000	1.23 × 10 <sup>-3</sup>	0.93	2.16
BTK 2505V-2.6	25	5	25.5	22.2	1x2.65	6.7	20.8	180	43	67	40	10	30	55	5.5	50	5	M6	0.1	500, 1000, 1500, 2000	3.01 × 10 <sup>-3</sup>	0.34	3.45
BTK 2510V-5.3	25	10	26.8	20.2	2x2.65	31.2	83.7	400	60	96	98	15	83	78	9	72	5	M6	0.1	500, 1000, 1500, 2000	3.01 × 10 <sup>-3</sup>	1.83	3.26
BTK 2806V-2.6	28	6	28.5	25.2	1x2.65	7	23.4	200	50	80	47	12	35	65	6.6	60	6	M6	0.1	500, 1000, 2000, 2500	4.74 × 10 <sup>-3</sup>	0.59	4.44
BTK 2806V-5.3	28	6	28.5	25.2	2x2.65	12.8	46.8	390	50	80	65	12	53	65	6.6	60	6	M6	0.1	500, 1000, 2000, 2500	4.74 × 10 <sup>-3</sup>	0.75	4.44
BTK 3210V-2.6	32	10	33.75	27.2	1x2.65	19.8	53.8	250	67	103	68	15	53	85	9	78	5	M6	0.14	500, 1000, 1500, 2000, 2500, 3000	8.08 × 10 <sup>-3</sup>	1.56	5.49
BTK 3210V-5.3	32	10	33.75	27.2	2x2.65	36	107.5	490	67	103	98	15	83	85	9	78	5	M6	0.14	500, 1000, 1500, 2000, 2500, 3000	8.08 × 10 <sup>-3</sup>	2.1	5.49
BTK 3610V-2.6	36	10	37	30.5	1x2.65	20.8	59.8	270	70	110	70	17	53	90	11	82	7	M6	0.17	500, 1000, 2000, 2500, 3000	1.29 × 10 <sup>-2</sup>	1.78	6.91
BTK 3610V-5.3	36	10	37	30.5	2x2.65	37.8	118.7	530	70	110	100	17	83	90	11	82	7	M6	0.17	500, 1000, 2000, 2500, 3000	1.29 × 10 <sup>-2</sup>	2.35	6.91
BTK 4010V-5.3	40	10	41.75	35.2	2x2.65	40.3	134.9	590	76	116	100	17	83	96	11	88	7	M6	0.17	1000, 1500, 2000, 2500, 3000, 3500	1.97 × 10 <sup>-2</sup>	2.6	8.81
BTK 4512V-5.3	45	12	46.5	39.2	2x2.65	49.5	169	650	82	128	118	20	98	104	14	94	8	M6	0.17	1000, 1500, 2000, 3000, 3500, 4000	3.16 × 10 <sup>-2</sup>	3.48	11.08
BTK 5016V-5.3	50	16	52.7	42.9	2x2.65	93.8	315.2	930	102	162	145	25	120	132	18	104	12.5	R1/8 (PT1/8)	0.2	1000, 1500, 2000, 3000, 3500, 4000	4.82 × 10 <sup>-2</sup>	6.52	13.66

Note) The overall length of the nut will increase when equipping the QZ lubricating device. See **A15-344** for further details.

Model number coding

**BTK1405V-2.6 ZZ +500L C7 T H1K**

Model No. Contamination protection accessory symbol (\*1) Overall screw shaft length (in mm) Accuracy symbol (\*2) Symbol for rolled shaft Recommended shaft ends shape code

(\*1) See **A15-336**. (\*2) See **A15-12**.