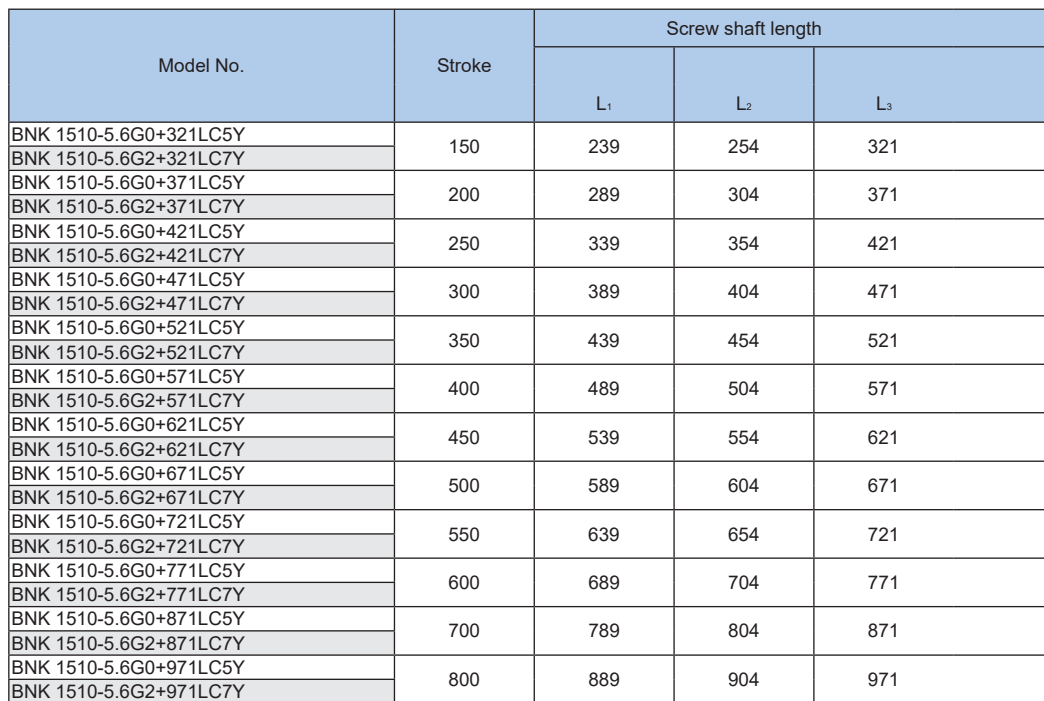
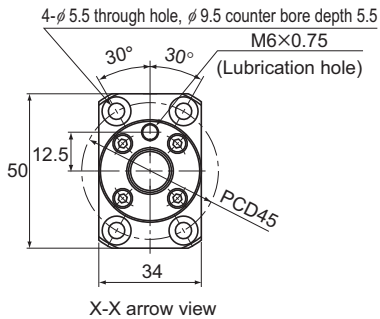


70,000



Note: For accuracy grade C5, GT clearance is also standardized.



Ball screw specifications			
Lead (mm)	10		
BCD (mm)	15.75		
Thread minor diameter (mm)	12.5		
Threading direction, No. of threaded grooves	Rightward, 2		
No. of circuits	2.8 turns × 2 rows		
Clearance symbol	G0	GT	G2
Axial clearance (mm)	0	0.005 or less	0.02 or less
Basic dynamic load rating Ca (kN)	9	14.3	14.3
Basic static load rating C _{0a} (kN)	13.9	27.9	27.9
Preload torque (N·m)	2×10 ⁻² to 9.8×10 ⁻²	—	—
Spacer ball	1 : 1	None	None
Rigidity value (N/μm)	190	350	
Circulation method	End cap		

Unit: mm

	Runout of the screw shaft axis	Runout of the nut circumference	Flange mounting surface runout	Runout of the thread groove surface	Lead angle accuracy		Nut mass	Shaft mass	Permissible rotational speed
	D	H	I	J	Representative travel distance error	Fluctuation	kg	kg/m	min ⁻¹
	0.035	0.015	0.011	0.012	±0.023	0.018	0.22	0.76	4,440
	0.055	0.03	0.018	0.014	Travel distance: ±0.05/300		0.22	0.76	4,440
	0.035	0.015	0.011	0.012	±0.023	0.018	0.22	0.76	4,440
	0.055	0.03	0.018	0.014	Travel distance: ±0.05/300		0.22	0.76	4,440
	0.04	0.015	0.011	0.012	±0.025	0.02	0.22	0.76	4,440
	0.06	0.03	0.018	0.014	Travel distance: ±0.05/300		0.22	0.76	4,440
	0.04	0.015	0.011	0.012	±0.025	0.02	0.22	0.76	4,440
	0.06	0.03	0.018	0.014	Travel distance: ±0.05/300		0.22	0.76	4,440
	0.05	0.015	0.011	0.012	±0.027	0.02	0.22	0.76	4,440
	0.075	0.03	0.018	0.014	Travel distance: ±0.05/300		0.22	0.76	4,440
	0.05	0.015	0.011	0.012	±0.027	0.02	0.22	0.76	4,440
	0.075	0.03	0.018	0.014	Travel distance: ±0.05/300		0.22	0.76	4,440
	0.05	0.015	0.011	0.012	±0.03	0.023	0.22	0.76	4,440
	0.075	0.03	0.018	0.014	Travel distance: ±0.05/300		0.22	0.76	4,440
	0.065	0.015	0.011	0.012	±0.03	0.023	0.22	0.76	4,440
	0.09	0.03	0.018	0.014	Travel distance: ±0.05/300		0.22	0.76	4,440
	0.065	0.015	0.011	0.012	±0.035	0.025	0.22	0.76	4,440
	0.09	0.03	0.018	0.014	Travel distance: ±0.05/300		0.22	0.76	4,440
	0.065	0.015	0.011	0.012	±0.035	0.025	0.22	0.76	4,440
	0.09	0.03	0.018	0.014	Travel distance: ±0.05/300		0.22	0.76	4,440
	0.085	0.015	0.011	0.012	±0.035	0.025	0.22	0.76	4,440
	0.12	0.03	0.018	0.014	Travel distance: ±0.05/300		0.22	0.76	4,440
	0.085	0.015	0.011	0.012	±0.04	0.027	0.22	0.76	4,440
	0.12	0.03	0.018	0.014	Travel distance: ±0.05/300		0.22	0.76	4,440