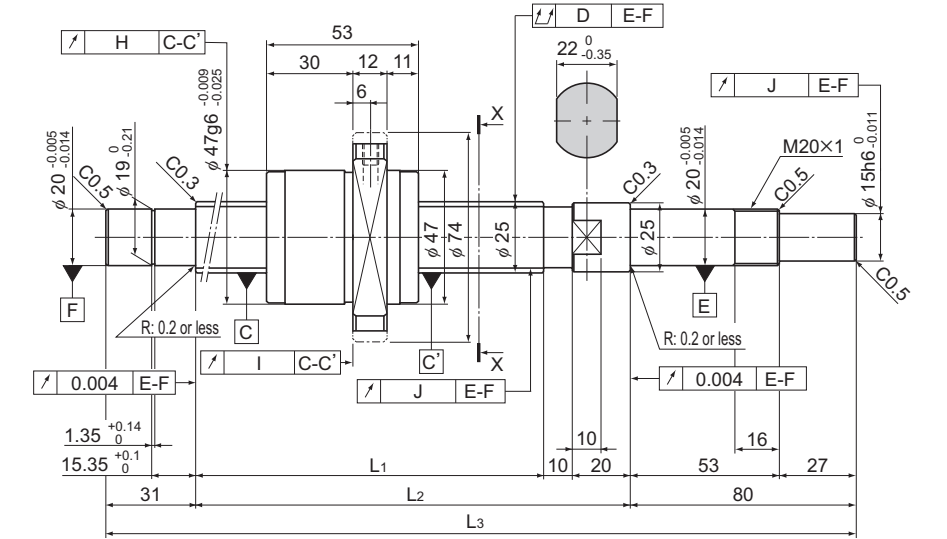


BNK2520-3.6 Shaft Diameter: 25; Lead: 20

DN value

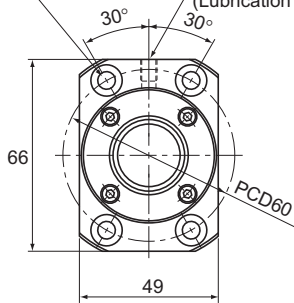
70,000



Model No.	Stroke	Screw shaft length		
		L ₁	L ₂	L ₃
BNK 2520-3.6G0+751LC5Y	500	610	640	751
BNK 2520-3.6G2+751LC7Y				
BNK 2520-3.6G0+851LC5Y	600	710	740	851
BNK 2520-3.6G2+851LC7Y				
BNK 2520-3.6G0+1051LC5Y	800	910	940	1,051
BNK 2520-3.6G2+1051LC7Y				
BNK 2520-3.6G0+1251LC5Y	1,000	1,110	1,140	1,251
BNK 2520-3.6G2+1251LC7Y				
BNK 2520-3.6G0+1451LC5Y	1,200	1,310	1,340	1,451
BNK 2520-3.6G2+1451LC7Y				
BNK 2520-3.6G0+1651LC5Y	1,400	1,510	1,540	1,651
BNK 2520-3.6G2+1651LC7Y				
BNK 2520-3.6G0+1851LC5Y	1,600	1,710	1,740	1,851
BNK 2520-3.6G2+1851LC7Y				

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

4- ϕ 6.6 through hole, ϕ 11 counter bore depth 6.5
M6
(Lubrication hole)



X-X arrow view

Ball screw specifications			
Lead (mm)	20		
BCD (mm)	26		
Thread minor diameter (mm)	21.9		
Threading direction, No. of threaded grooves	Rightward, 2		
No. of circuits	1.8 turns × 2 rows		
Clearance symbol	G0	GT	G2
Axial clearance (mm)	0	0.005 or less	0.02 or less
Basic dynamic load rating C _a (kN)	10.5	16.7	16.7
Basic static load rating C _{0a} (kN)	19	38	38
Preload torque (N·m)	4.9×10 ⁻² to 2.2×10 ⁻¹	—	—
Spacer ball	1 : 1	None	None
Rigidity value (N/μm)	190	360	
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
	0.055	0.015	0.011	0.013	± 0.03	0.023	0.53	3.03	2,690
	0.07	0.03	0.018	0.02	Travel distance: $\pm 0.05/300$		0.53	3.03	2,690
	0.065	0.015	0.011	0.013	± 0.035	0.025	0.53	3.03	2,690
	0.085	0.03	0.018	0.02	Travel distance: $\pm 0.05/300$		0.53	3.03	2,690
	0.085	0.015	0.011	0.013	± 0.04	0.027	0.53	3.03	2,690
	0.1	0.03	0.018	0.02	Travel distance: $\pm 0.05/300$		0.53	3.03	2,690
	0.11	0.015	0.011	0.013	± 0.046	0.03	0.53	3.03	2,690
	0.13	0.03	0.018	0.02	Travel distance: $\pm 0.05/300$		0.53	3.03	2,690
	0.11	0.015	0.011	0.013	± 0.054	0.035	0.53	3.03	2,690
	0.13	0.03	0.018	0.02	Travel distance: $\pm 0.05/300$		0.53	3.03	2,690
	0.14	0.015	0.011	0.013	± 0.054	0.035	0.53	3.03	2,690
	0.17	0.03	0.018	0.02	Travel distance: $\pm 0.05/300$		0.53	3.03	2,690
	0.14	0.015	0.011	0.013	± 0.065	0.04	0.53	3.03	2,690
	0.17	0.03	0.018	0.02	Travel distance: $\pm 0.05/300$		0.53	3.03	2,690