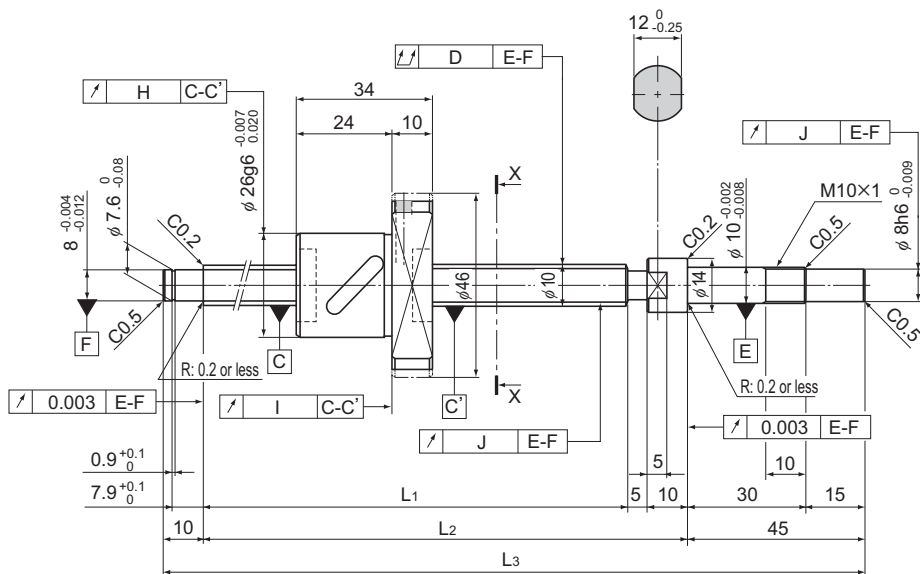
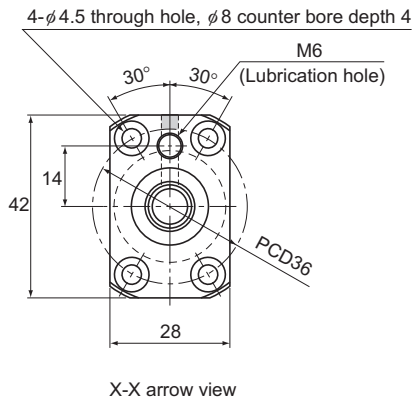


70,000



Model No.	Stroke	Screw shaft length		
		L ₁	L ₂	L ₃
BNK 1004-2.5RRG0+180LC3Y	50	110	125	180
BNK 1004-2.5RRG0+180LC5Y				
BNK 1004-2.5RRG2+180LC7Y				
BNK 1004-2.5RRG0+230LC3Y	100	160	175	230
BNK 1004-2.5RRG0+230LC5Y				
BNK 1004-2.5RRG2+230LC7Y				
BNK 1004-2.5RRG0+280LC3Y	150	210	225	280
BNK 1004-2.5RRG0+280LC5Y				
BNK 1004-2.5RRG2+280LC7Y				
BNK 1004-2.5RRG0+330LC3Y	200	260	275	330
BNK 1004-2.5RRG0+330LC5Y				
BNK 1004-2.5RRG2+330LC7Y				
BNK 1004-2.5RRG0+380LC3Y	250	310	325	380
BNK 1004-2.5RRG0+380LC5Y				
BNK 1004-2.5RRG2+380LC7Y				

Note: For accuracy grades C3 and C5, GT clearance is also available as standard.



Ball screw specifications			
Lead (mm)	4		
BCD (mm)	10.5		
Thread minor diameter (mm)	7.8		
Threading direction, No. of threaded grooves	Rightward, 1		
No. of circuits	2.5 turns × 1 row		
Clearance symbol	G0	GT	G2
Axial clearance (mm)	0	0.005 or less	0.02 or less
Basic dynamic load rating Ca (kN)	2.1	3.4	3.4
Basic static load rating Csa (kN)	2.7	5.4	5.4
Preload torque (N·m)	9.8×10 ⁻³ to 4.9×10 ⁻²	—	—
Spacer ball	1 : 1	None	None
Rigidity value (N/μm)	50	100	
Circulation method	Return pipe		

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
	0.02	0.009	0.008	0.008	± 0.01	0.008	0.15	0.32	5,000
	0.035	0.012	0.01	0.011	± 0.02	0.018	0.15	0.32	5,000
	0.04	0.02	0.014	0.014	Travel distance: $\pm 0.05/300$		0.15	0.32	5,000
	0.03	0.009	0.008	0.008	± 0.01	0.008	0.15	0.32	5,000
	0.04	0.012	0.01	0.011	± 0.02	0.018	0.15	0.32	5,000
	0.055	0.02	0.014	0.014	Travel distance: $\pm 0.05/300$		0.15	0.32	5,000
	0.03	0.009	0.008	0.008	± 0.012	0.008	0.15	0.32	5,000
	0.04	0.012	0.01	0.011	± 0.023	0.018	0.15	0.32	5,000
	0.055	0.02	0.014	0.014	Travel distance: $\pm 0.05/300$		0.15	0.32	5,000
	0.04	0.009	0.008	0.008	± 0.012	0.008	0.15	0.32	5,000
	0.05	0.012	0.01	0.011	± 0.023	0.018	0.15	0.32	5,000
	0.065	0.02	0.014	0.014	Travel distance: $\pm 0.05/300$		0.15	0.32	5,000
	0.04	0.009	0.008	0.008	± 0.012	0.008	0.15	0.32	5,000
	0.05	0.012	0.01	0.011	± 0.023	0.018	0.15	0.32	5,000
	0.065	0.02	0.014	0.014	Travel distance: $\pm 0.05/300$		0.15	0.32	5,000