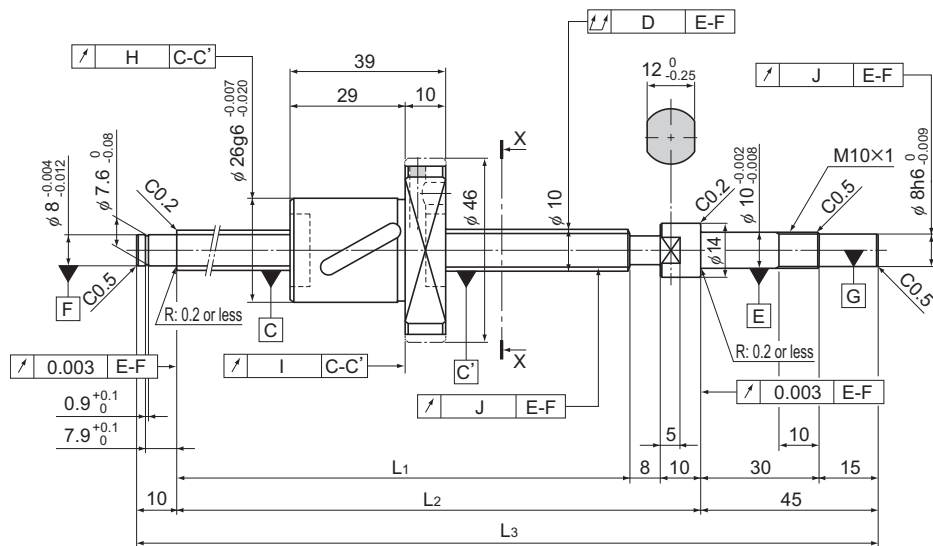


BNK1010-1.5 Shaft diameter: 10; lead: 10

DN value

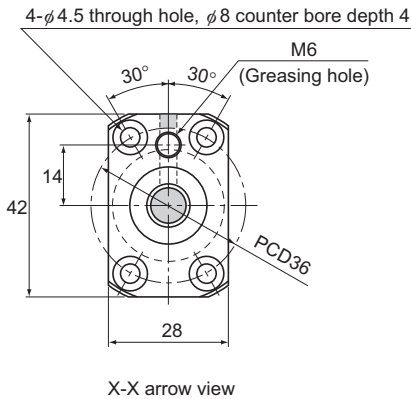
70000



Model No.	Stroke	Screw shaft length		
		L ₁	L ₂	L ₃
BNK 1010-1.5RRG0+240LC5Y	100	167	185	240
BNK 1010-1.5RRG2+240LC7Y				
BNK 1010-1.5RRG0+290LC5Y	150	217	235	290
BNK 1010-1.5RRG2+290LC7Y				
BNK 1010-1.5RRG0+340LC5Y	200	267	285	340
BNK 1010-1.5RRG2+340LC7Y				
BNK 1010-1.5RRG0+390LC5Y	250	317	335	390
BNK 1010-1.5RRG2+390LC7Y				
BNK 1010-1.5RRG0+440LC5Y	300	367	385	440
BNK 1010-1.5RRG2+440LC7Y				

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

Positioning Ball Screw



Ball Screw Specifications			
Lead (mm)	10		
BCD (mm)	10.5		
Thread minor diameter (mm)	7.8		
Threading direction, No. of threaded grooves	Rightward, 1		
No. of circuits	1.5 turns \times 1 row		
Clearance symbol	G0	GT	G2
Axial clearance (mm)	0	0.005 or less	0.02 or less
Basic dynamic load rating C_a (kN)	1.3	2.1	2.1
Basic static load rating C_{0a} (kN)	1.6	3.1	3.1
Preload torque (N \cdot m)	9.8×10^3 to 4.9×10^2	—	—
Spacer ball	1 : 1	None	None
Rigidity value (N/ μ m)	70	140	
Circulation method	Return pipe		

Unit: mm

	Runout of the screw shaft axis D	Runout of the nut circumference H	Flange mounting surface runout I	Runout of the thread groove surface J	Lead angle accuracy		Nut mass kg	Shaft mass kg/m
					Representative travel distance error	Fluctuation		
	0.04	0.012	0.01	0.011	± 0.02	0.018	0.17	0.5
	0.055	0.02	0.014	0.014	Travel distance: $\pm 0.05/300$		0.17	0.5
	0.04	0.012	0.01	0.011	± 0.023	0.018	0.17	0.5
	0.055	0.02	0.014	0.014	Travel distance: $\pm 0.05/300$		0.17	0.5
	0.05	0.012	0.01	0.011	± 0.023	0.018	0.17	0.5
	0.065	0.02	0.014	0.014	Travel distance: $\pm 0.05/300$		0.17	0.5
	0.05	0.012	0.01	0.011	± 0.025	0.02	0.17	0.5
	0.065	0.02	0.014	0.014	Travel distance: $\pm 0.05/300$		0.17	0.5
	0.065	0.012	0.01	0.011	± 0.025	0.02	0.17	0.5
	0.08	0.02	0.014	0.014	Travel distance: $\pm 0.05/300$		0.17	0.5

Ball Screw