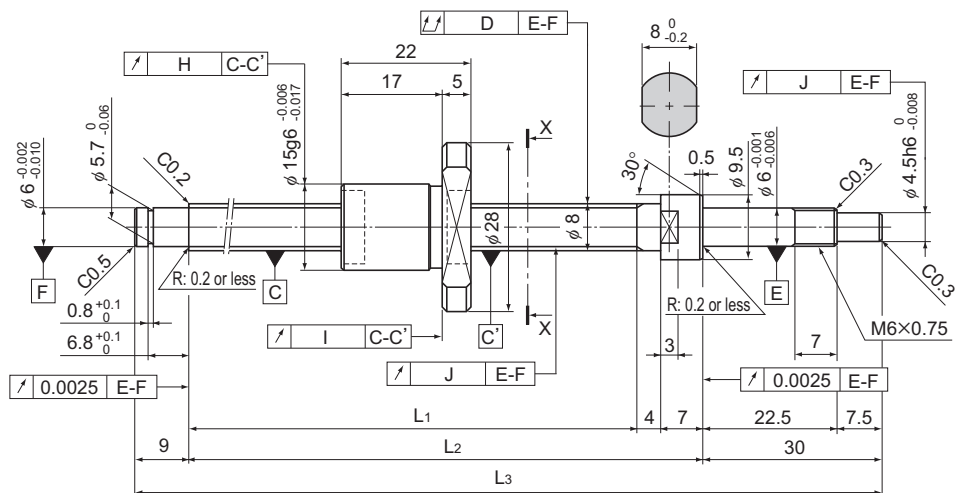


BNK0802-3 Shaft Diameter: 8; Lead: 2

DN value

70,000



Model No.	Stroke	Screw shaft length		
		L ₁	L ₂	L ₃
BNK 0802-3RRG0+125LC3Y	40	75	86	125
BNK 0802-3RRG0+125LC5Y				
BNK 0802-3RRG2+125LC7Y				
BNK 0802-3RRG0+155LC3Y	70	105	116	155
BNK 0802-3RRG0+155LC5Y				
BNK 0802-3RRG2+155LC7Y				
BNK 0802-3RRG0+185LC3Y	100	135	146	185
BNK 0802-3RRG0+185LC5Y				
BNK 0802-3RRG2+185LC7Y				
BNK 0802-3RRG0+235LC3Y	150	185	196	235
BNK 0802-3RRG0+235LC5Y				
BNK 0802-3RRG2+235LC7Y				

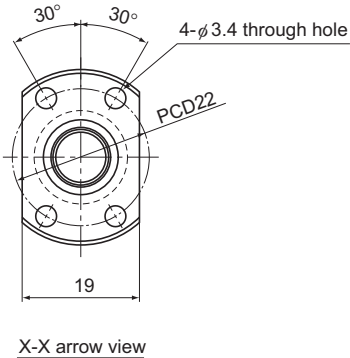
Notes: A stainless steel type is also available for Model BNK0802. When placing an order, add symbol "M" to the end of the model number.

(Example) BNK0802-3RRG0+125LC3Y M

Symbol for stainless steel type

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

Positioning Ball Screw



Ball screw specifications			
Lead (mm)	2		
BCD (mm)	8.3		
Thread minor diameter (mm)	7		
Threading direction, No. of threaded grooves	Rightward, 1		
No. of circuits	1 turn × 3 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)	1.4	1.4	1.4
Basic static load rating C_{0a} (kN)	2.3	2.3	2.3
Preload torque (N·m)	to 2×10^{-2}	—	—
Spacer ball	None	None	None
Rigidity value (N/ μ m)	100		
Circulation method	Deflector		

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	Permissible rotational speed min ⁻¹
					Representative travel distance error	Fluctuation			
	0.025	0.009	0.008	0.008	± 0.008	0.008	0.034	0.27	3,500
	0.025	0.012	0.01	0.01	± 0.018	0.018	0.034	0.27	3,500
	0.035	0.02	0.014	0.014	Travel distance: $\pm 0.05/300$		0.034	0.27	3,500
	0.03	0.009	0.008	0.008	± 0.01	0.008	0.034	0.27	3,500
	0.035	0.012	0.01	0.01	± 0.02	0.018	0.034	0.27	3,500
	0.05	0.02	0.014	0.014	Travel distance: $\pm 0.05/300$		0.034	0.27	3,500
	0.03	0.009	0.008	0.008	± 0.01	0.008	0.034	0.27	3,500
	0.035	0.012	0.01	0.01	± 0.02	0.018	0.034	0.27	3,500
	0.05	0.02	0.014	0.014	Travel distance: $\pm 0.05/300$		0.034	0.27	3,500
	0.035	0.009	0.008	0.008	± 0.01	0.008	0.034	0.27	3,500
	0.05	0.012	0.01	0.01	± 0.02	0.018	0.034	0.27	3,500
	0.065	0.02	0.014	0.014	Travel distance: $\pm 0.05/300$		0.034	0.27	3,500