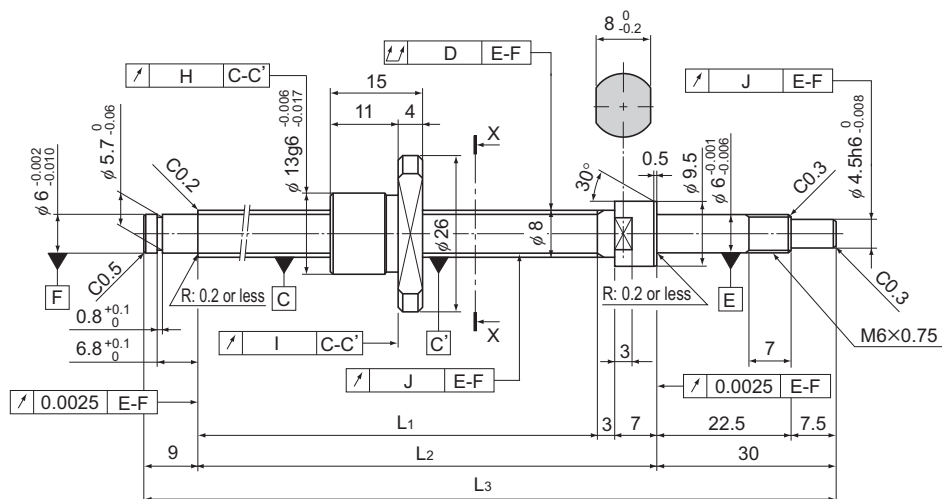


70,000



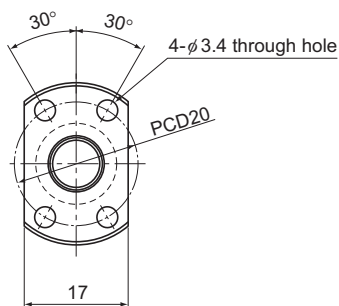
Model No.	Stroke	Screw shaft length		
		L ₁	L ₂	L ₃
BNK 0801-3G0+115LC3Y	40	66	76	115
BNK 0801-3G0+115LC5Y				
BNK 0801-3G2+115LC7Y				
BNK 0801-3G0+145LC3Y	70	96	106	145
BNK 0801-3G0+145LC5Y				
BNK 0801-3G2+145LC7Y				
BNK 0801-3G0+175LC3Y	100	126	136	175
BNK 0801-3G0+175LC5Y				
BNK 0801-3G2+175LC7Y				
BNK 0801-3G0+225LC3Y	150	176	186	225
BNK 0801-3G0+225LC5Y				
BNK 0801-3G2+225LC7Y				

Notes: A stainless steel type is also available for Model BNK0801. When placing an order, add symbol "M" to the end of the model number.

(Example) BNK0801-3G0+115LC3Y M

–Symbol for stainless steel type

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



X-X arrow view

Ball screw specifications			
Lead (mm)	1		
BCD (mm)	8.2		
Thread minor diameter (mm)	7.3		
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 Ca (kN)	0.64	0.64	0.64
Basic static load rating C _{0a} (kN)	1.4	1.4	1.4
Preload torque (N·m)	to 1.8×10 ²	—	—
Spacer ball	None	None	None
Rigidity value (N/μm)	80		
Circulation method	Deflector		

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
	0.025	0.009	0.008	0.008	±0.008	0.008	0.024	0.29	3,500
	0.025	0.012	0.01	0.01	±0.018	0.018	0.024	0.29	3,500
	0.035	0.02	0.014	0.014	Travel distance: ±0.05/300		0.024	0.29	3,500
	0.03	0.009	0.008	0.008	±0.008	0.008	0.024	0.29	3,500
	0.035	0.012	0.01	0.01	±0.018	0.018	0.024	0.29	3,500
	0.05	0.02	0.014	0.014	Travel distance: ±0.05/300		0.024	0.29	3,500
	0.03	0.009	0.008	0.008	±0.01	0.008	0.024	0.29	3,500
	0.035	0.012	0.01	0.01	±0.02	0.018	0.024	0.29	3,500
	0.05	0.02	0.014	0.014	Travel distance: ±0.05/300		0.024	0.29	3,500
	0.035	0.009	0.008	0.008	±0.01	0.008	0.024	0.29	3,500
	0.05	0.012	0.01	0.01	±0.02	0.018	0.024	0.29	3,500
	0.065	0.02	0.014	0.014	Travel distance: ±0.05/300		0.024	0.29	3,500