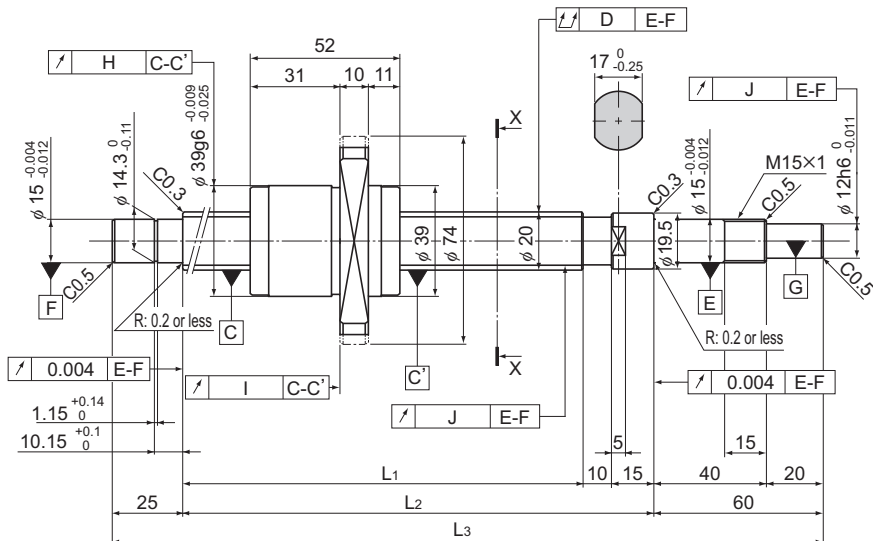


# BNK200-3.6 Shaft diameter: 20; lead: 20

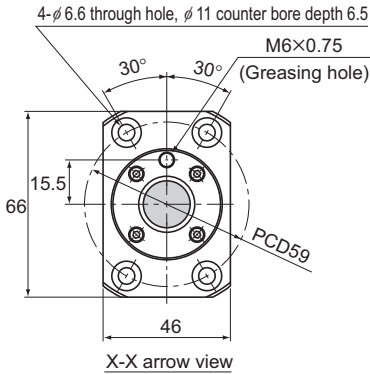
DN value	70000
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Model No.	Stroke	Screw shaft length		
		L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>
BNK 200-3.6G0+520LC5Y	300	410	435	520
BNK 200-3.6G2+520LC7Y				
BNK 200-3.6G0+620LC5Y	400	510	535	620
BNK 200-3.6G2+620LC7Y				
BNK 200-3.6G0+720LC5Y	500	610	635	720
BNK 200-3.6G2+720LC7Y				
BNK 200-3.6G0+820LC5Y	600	710	735	820
BNK 200-3.6G2+820LC7Y				
BNK 200-3.6G0+920LC5Y	700	810	835	920
BNK 200-3.6G2+920LC7Y				
BNK 200-3.6G0+1020LC5Y	800	910	935	1020
BNK 200-3.6G2+1020LC7Y				
BNK 200-3.6G0+1120LC5Y	900	1010	1035	1120
BNK 200-3.6G2+1120LC7Y				
BNK 200-3.6G0+1220LC5Y	1000	1110	1135	1220
BNK 200-3.6G2+1220LC7Y				
BNK 200-3.6G0+1320LC5Y	1100	1210	1235	1320
BNK 200-3.6G2+1320LC7Y				

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

## Positioning Ball Screw



Ball Screw Specifications			
Lead (mm)	20		
BCD (mm)	20.75		
Thread minor diameter (mm)	17.5		
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)	7	11.1	11.1
Basic static load rating $C_{0a}$ (kN)	12.3	24.7	24.7
Preload torque (N·m)	$2 \times 10^2$ to $9.8 \times 10^2$	—	—
Spacer ball	1 : 1	None	None
Rigidity value (N/μm)	160	290	
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 kg	Shaft mass kg/m
					Representative travel distance error	Fluctuation		
	D	H	I	J				
	0.05	0.015	0.011	0.012	±0.027	0.02	0.39	2.04
	0.075	0.03	0.018	0.014	Travel distance: ±0.05/300		0.39	2.04
	0.05	0.015	0.011	0.012	±0.03	0.023	0.39	2.04
	0.075	0.03	0.018	0.014	Travel distance: ±0.05/300		0.39	2.04
	0.065	0.015	0.011	0.012	±0.03	0.023	0.39	2.04
	0.09	0.03	0.018	0.014	Travel distance: ±0.05/300		0.39	2.04
	0.085	0.015	0.011	0.012	±0.035	0.025	0.39	2.04
	0.12	0.03	0.018	0.014	Travel distance: ±0.05/300		0.39	2.04
	0.085	0.015	0.011	0.012	±0.04	0.027	0.39	2.04
	0.12	0.03	0.018	0.014	Travel distance: ±0.05/300		0.39	2.04
	0.11	0.015	0.011	0.012	±0.04	0.027	0.39	2.04
	0.15	0.03	0.018	0.014	Travel distance: ±0.05/300		0.39	2.04
	0.11	0.015	0.011	0.012	±0.046	0.03	0.39	2.04
	0.15	0.03	0.018	0.014	Travel distance: ±0.05/300		0.39	2.04
	0.11	0.015	0.011	0.012	±0.046	0.03	0.39	2.04
	0.15	0.03	0.018	0.014	Travel distance: ±0.05/300		0.39	2.04
	0.15	0.015	0.011	0.012	±0.046	0.03	0.39	2.04
	0.19	0.03	0.018	0.014	Travel distance: ±0.05/300		0.39	2.04

Ball Screw