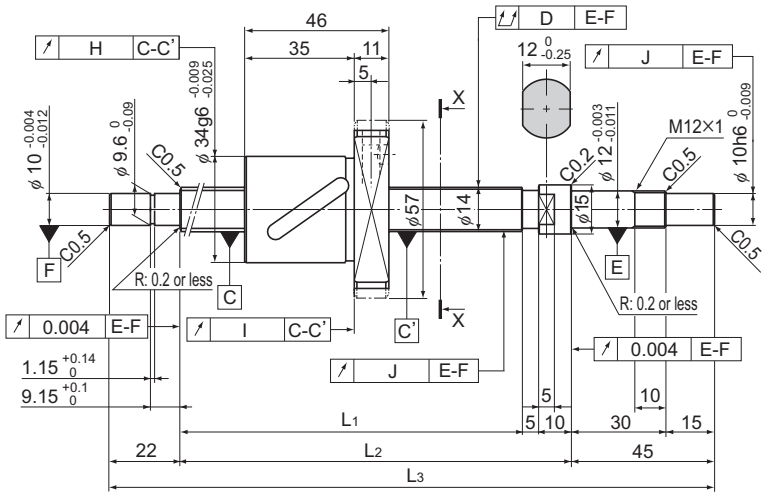
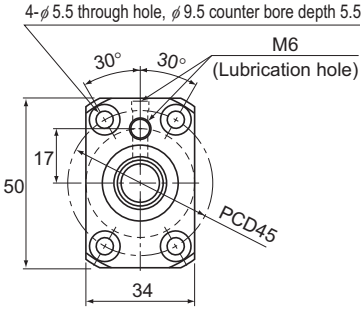
BNK1408-2.5 Shaft diameter: 14; lead: 8

DN value	70000



Model No.	Stroke	Screw shaft length		
		L_1	L_2	L_3
BNK 1408-2.5RRG0+321LC5Y	150	239	254	321
BNK 1408-2.5RRG2+321LC7Y				
BNK 1408-2.5RRG0+371LC5Y	200	289	304	371
BNK 1408-2.5RRG2+371LC7Y				
BNK 1408-2.5RRG0+421LC5Y	250	339	354	421
BNK 1408-2.5RRG2+421LC7Y				
BNK 1408-2.5RRG0+471LC5Y	300	389	404	471
BNK 1408-2.5RRG2+471LC7Y				
BNK 1408-2.5RRG0+521LC5Y	350	439	454	521
BNK 1408-2.5RRG2+521LC7Y				
BNK 1408-2.5RRG0+571LC5Y	400	489	504	571
BNK 1408-2.5RRG2+571LC7Y				
BNK 1408-2.5RRG0+621LC5Y	450	539	554	621
BNK 1408-2.5RRG2+621LC7Y				
BNK 1408-2.5RRG0+671LC5Y	500	589	604	671
BNK 1408-2.5RRG2+671LC7Y				
BNK 1408-2.5RRG0+721LC5Y	550	639	654	721
BNK 1408-2.5RRG2+721LC7Y				
BNK 1408-2.5RRG0+771LC5Y	600	689	704	771
BNK 1408-2.5RRG2+771LC7Y				
BNK 1408-2.5RRG0+871LC5Y	700	789	804	871
BNK 1408-2.5RRG2+871LC7Y				

Note) For accuracy grade C5, clearance GT is also standardized.
Plug the unused lubrication hole before using the product.



X-X arrow view

Ball Screw Specifications			
Lead (mm)	8		
BCD (mm)	14.75		
Thread minor diameter (mm)	11.2		
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)	4.3	6.9	6.9
Basic static load rating C_0a (kN)	5.8	11.5	11.5
Preload torque (N·m)	2×10^{-2} to 7.8×10^{-2}	—	—
Spacer ball	1 : 1	None	None
Rigidity value (N/μm)	80	150	
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}
	0.035	0.015	0.011	0.012	±0.023	0.018	0.29	0.84	4740
	0.055	0.03	0.018	0.014	Travel distance: ±0.05/300		0.29	0.84	4740
	0.035	0.015	0.011	0.012	±0.023	0.018	0.29	0.84	4740
	0.055	0.03	0.018	0.014	Travel distance: ±0.05/300		0.29	0.84	4740
	0.04	0.015	0.011	0.012	±0.025	0.02	0.29	0.84	4740
	0.06	0.03	0.018	0.014	Travel distance: ±0.05/300		0.29	0.84	4740
	0.04	0.015	0.011	0.012	±0.025	0.02	0.29	0.84	4740
	0.06	0.03	0.018	0.014	Travel distance: ±0.05/300		0.29	0.84	4740
	0.05	0.015	0.011	0.012	±0.027	0.02	0.29	0.84	4740
	0.075	0.03	0.018	0.014	Travel distance: ±0.05/300		0.29	0.84	4740
	0.05	0.015	0.011	0.012	±0.027	0.02	0.29	0.84	4740
	0.075	0.03	0.018	0.014	Travel distance: ±0.05/300		0.29	0.84	4740
	0.05	0.015	0.011	0.012	±0.03	0.023	0.29	0.84	4740
	0.075	0.03	0.018	0.014	Travel distance: ±0.05/300		0.29	0.84	4740
	0.065	0.015	0.011	0.012	±0.03	0.023	0.29	0.84	4740
	0.09	0.03	0.018	0.014	Travel distance: ±0.05/300		0.29	0.84	4740
	0.065	0.015	0.011	0.012	±0.035	0.025	0.29	0.84	4740
	0.09	0.03	0.018	0.014	Travel distance: ±0.05/300		0.29	0.84	4740
	0.065	0.015	0.011	0.012	±0.035	0.025	0.29	0.84	4740
	0.09	0.03	0.018	0.014	Travel distance: ±0.05/300		0.29	0.84	4740
	0.085	0.015	0.011	0.012	±0.035	0.025	0.29	0.84	4740
	0.12	0.03	0.018	0.014	Travel distance: ±0.05/300		0.29	0.84	4740

Options⇒A15-333