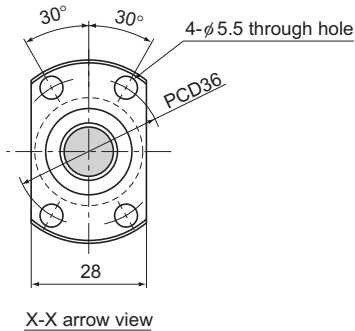


Positioning Ball Screw



Ball Screw Specifications			
Lead (mm)	4		
BCD (mm)	14.65		
Thread minor diameter (mm)	12.2		
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)	4.2	4.2	4.2
Basic static load rating C_{0a} (kN)	7.6	7.6	7.6
Preload torque (N•m)	9.8×10^3 to 6.9×10^2	—	—
Spacer ball	None	None	None
Rigidity value (N/μm)	190		
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 kg	Shaft mass kg/m
					Representative travel distance error	Fluctuation		
	D	H	I	J				
	0.025	0.01	0.008	0.009	±0.01	0.008	0.13	0.8
	0.03	0.012	0.01	0.012	±0.02	0.018	0.13	0.8
	0.045	0.02	0.014	0.014	Travel distance: ±0.05/300		0.13	0.8
	0.025	0.01	0.008	0.009	±0.01	0.008	0.13	0.8
	0.03	0.012	0.01	0.012	±0.02	0.018	0.13	0.8
	0.045	0.02	0.014	0.014	Travel distance: ±0.05/300		0.13	0.8
	0.03	0.01	0.008	0.009	±0.012	0.008	0.13	0.8
	0.04	0.012	0.01	0.012	±0.023	0.018	0.13	0.8
	0.055	0.02	0.014	0.014	Travel distance: ±0.05/300		0.13	0.8
	0.04	0.01	0.008	0.009	±0.013	0.01	0.13	0.8
	0.05	0.012	0.01	0.012	±0.025	0.02	0.13	0.8
	0.06	0.02	0.014	0.014	Travel distance: ±0.05/300		0.13	0.8
	0.045	0.01	0.008	0.009	±0.015	0.01	0.13	0.8
	0.055	0.012	0.01	0.012	±0.027	0.02	0.13	0.8
	0.075	0.02	0.014	0.014	Travel distance: ±0.05/300		0.13	0.8