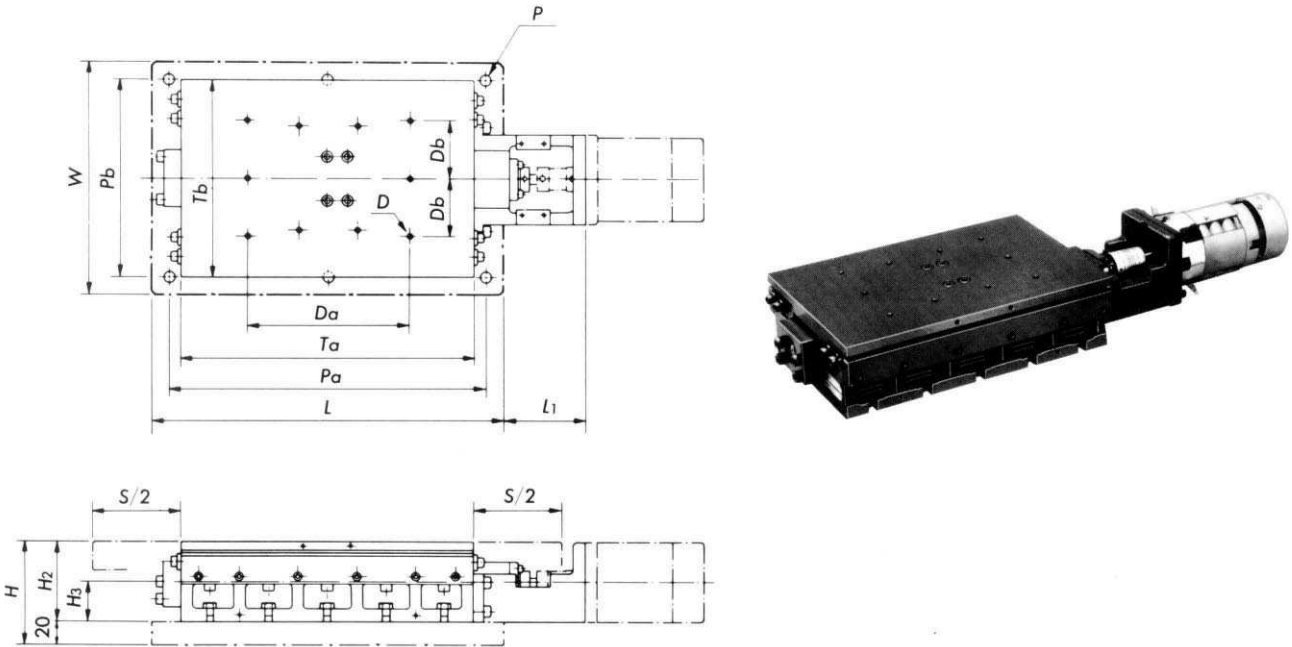


1.9.3 Mono-axis Table MODEL CS (Precision)



Dimensions

unit : mm

Model number	Travel			Length			Width	Height			Mounting holes			Table sizes and tapped holes					Mass (kg)
	S	L	L ₁	W	H	H ₂	H ₃	P	Pa	Pb	Ta	Tb	D	Da	Db pitch				
XY-CS0005-1**	50	170	75.5	160	83	63	30	4-M8	150	140	125	125	4-M6X1	103	52.5	11			
XY-CS0010-1**	100	250	70	200	90	70	35	4-M8	220	170	200	170	8-M6X1	138	50	23			
XY-CS0015-1**	150	300	70	200	90	70	35	4-M8	270	170	250	170	6-M6X1	138	50	26			
XY-CS0020-1**	200	400	95	250	90	70	35	4-M8	370	220	350	220	10-M6X1	188	50	45			
XY-CS0025-1**	250	450	125	250	90	70	35	4-M8	420	220	400	220	8-M6X1	188	50	50			

** indicates ball screw lead(Lead No.). The Lead table is following.

Specifications

unit : mm

Model number	Re-peatability	Positioning accuracy	Back-lash	Str. and flat.A
XY-CS0005-1**	±0.003	0.005	0.001	0.005
XY-CS0010-1**		0.010		0.010
XY-CS0015-1**		0.010		0.012
XY-CS0020-1**		0.015		0.015
XY-CS0025-1**		0.020		0.020

Bs Lead Table

Travel	Bs Lead and Inertia Jx10 ⁻⁴ (kg · m ²)				Starting torque (N·m)	Specified accuracy load(kg)
	S	Lead/Lead No.	Jx10 ⁻⁴	Lead/Lead No.		
50	5/40 (**)	0.043	4/41 (**)	0.035	MAX	0.07
100						
150		0.135	10/42 (**)	0.288		
200		0.208	0.418			
250		0.240	0.545			

- Notes:1. Stepping motors (2 or 5 phases), DC servo-motors and drivers, as well as various controllers are also available.
 - 2. Optical sensors and limit switches can be provided for OT(over travel) control and designation of the system origin.
 - 3. The listed values of inertia and starting torque are for the case of no load and no drive motors.
 - 4. The 20cm thick plate is option.
- The appearance and specifications may be changed without prior notice if required to improve performance.