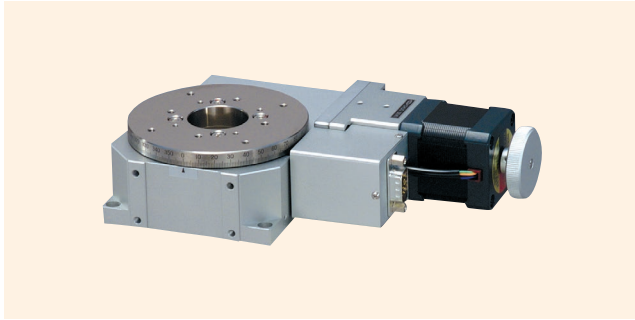


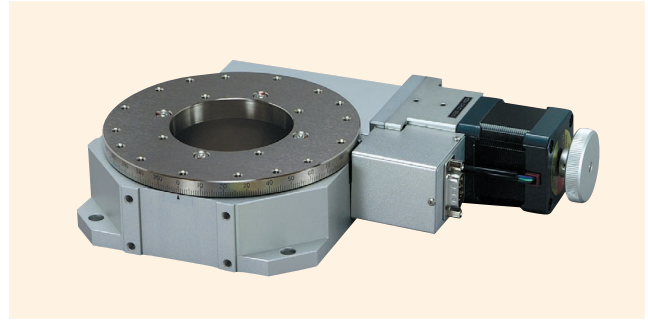
## Rotary Stages $\phi 90$ , $\phi 125$

Rotating bearing Method

0.75 A/phase 0.75 A/phase motor



↑ TARS-936-HP



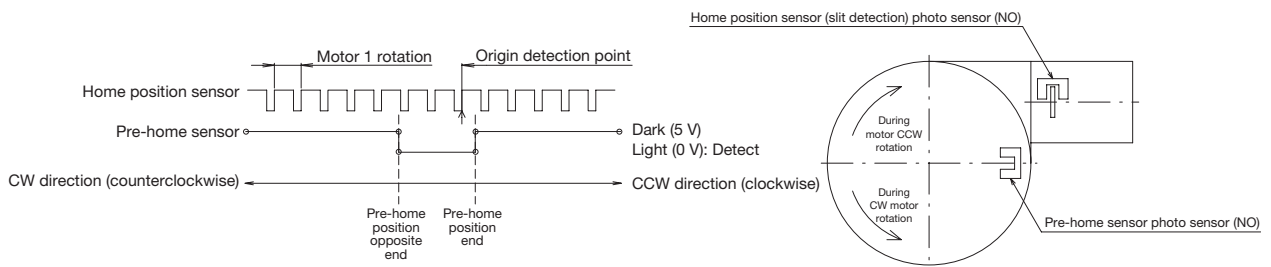
↑ TARS-136-HP

### Features

- A rotary stage adopting cross roller bearings for the travel guide.
- The center has transmission holes drilled.
- Versatile use for precision positioning of cameras, sensors, workpieces, and more.

Model number	TARS-936-HP	TARS-136-HP
Model name	Rotary Stage	
Travel direction	Rotation direction	
Travel amount	360°	
Stage surface	$\phi 90$ mm	$\phi 125$ mm
Motor used	PK545NBW equivalent (5-wire type pentagonal wiring, 0.75 A/phase)	
Resolution	0.004°	
Travel guide	Cross roller bearings	
Runout	0.01 mm	
Surface runout	0.015 mm	
Positioning accuracy	0.025°	
Repeatability	$\pm 0.003^\circ$	
Lost motion	0.003°	
Moment rigidity	0.2sec/N-cm	0.15sec/N-cm
Parallelism	0.05 mm	
Load capacity	98 N (10 kgf)	147 N (15 kgf)
Mass	2.4 kg	3 kg
Maximum speed (at 5,000 pps)	20°/s	
Main materials/surface treatment	Steel (table), aluminum (base): Electroless nickel plating, white anodized satin finish	
Home position sensor	Normally open contact (make contact, A contact) operation, photo sensor	
Pre-home sensor	Normally open contact (make contact, A contact) operation, photo sensor	
Limit sensor	-	
Applicable cables	TACB-STD-D3, TARC-STD-D3	

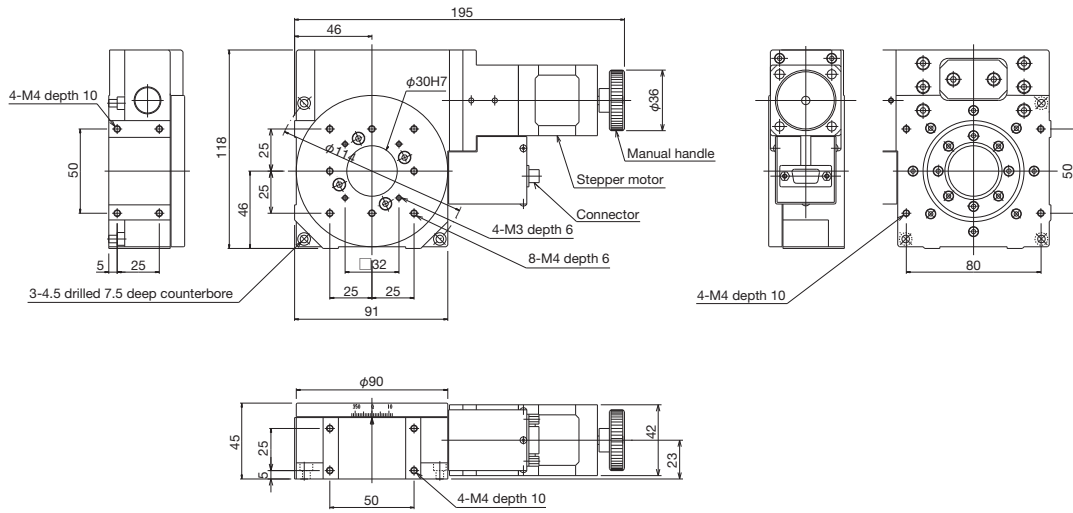
### ◆ Sensor operating logic and timing chart



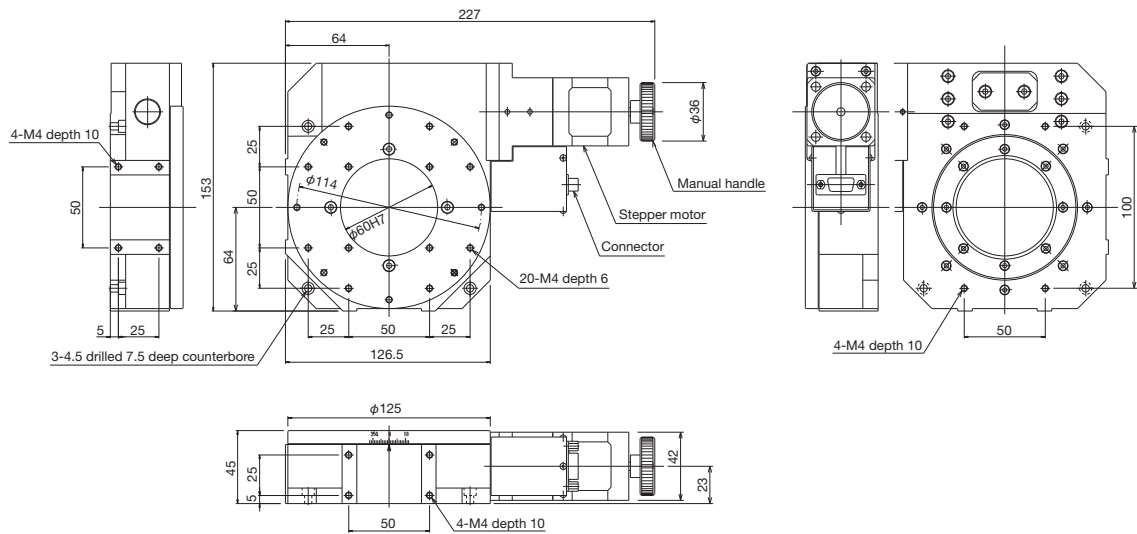


# Cross Roller Stages ◀ Motorized Stages ◀

## Product Appearance

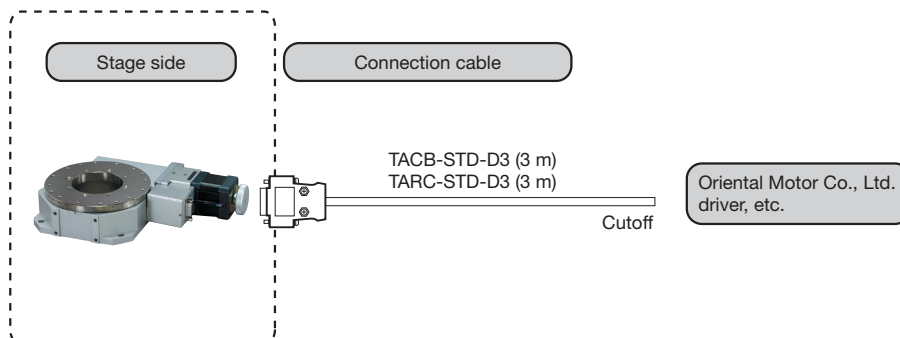


↑ TARS-936-HP



↑ TARS-136-HP

### ◆ Connection method: Connection cable and driver



Motorized Stages	Automated Products for Microscopes	Manual Stages	High-Carriage Stages	30 mm x 30 mm Compact Stages	Cross Roller Stages	Ball Bushing Stages	High-Precision/High-Rigidity Stages	Z-Lift Stages	Tilt Stages	Connection Cables	Actuators
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