

POSITIONERS

Single Axis Turning Frame

Specifications

Model	RGL-D1-250A	RGL-D1-500A	RGL-D1-1000A	RGL-D2-250A	RGL-D2-500A	RGL-D2-1000A
Payload (kg)	250	500	1000	250	500	1000
Base plate to center of the spindle (mm)	700	700	700	700	700	700
Positioner frame size (mm)	1800×800	1800×800	1800×800	2500×800	2500×800	2500×800
Rotation speed (°/s)	60	60	40	60	60	40
Repeat positioning accuracy (arcmin)	±1.0	±1.0	±1.2	±1.0	±1.0	±1.2
Rotation angle (°)	±180	±180	±180	±180	±180	±180
Eccentricity (mm)	≤ 150	≤ 150	≤ 100	≤ 150	≤ 150	≤ 100
Center of gravity distance (mm)	≤ 300	≤ 300	≤ 200	≤ 300	≤ 300	≤ 200



POSITIONERS

Single-axis Rotational Disk

Specifications

Model	RGL-D3-200A	RGL-D3-500A	RGL-D3-1000A
Payload (kg)	200	500	1000
Disc Diameter (mm)	350	500	800
Rotation speed (°/s)	60	60	40
Repeat positioning accuracy (arcmin)	±1.0	±1.0	±1.0
Rotation angle (°)	±360	±360	±360
Eccentricity (mm)	≤ 200	≤ 250	≤ 300
Center of gravity distance (mm)	≤ 200	≤ 250	≤ 300



POSITIONERS

Single-axis Ground Rail

Specifications

Model	RGL-DZX1-3000-500A	RGL-DZX1-4000-500A	RGL-DZX1-5000-500A	RGL-DZX1-6000-500A
Payload (kg)	500	500	500	500
Ground rail total length (mm)	3000	4000	5000	6000
Effective stroke (mm)	2300	3300	4300	5300
Maximum walking speed (M/min)	15	15	15	15
Repeat positioning accuracy (mm)	±0.05	±0.05	±0.08	±0.08



POSITIONERS

Double-axis P-type Positioner

Specifications

Model	RGL-S1-200A	RGL-S1-300A	RGL-S1-500A	RGL-S1-1000A
Payload (kg)	200	300	500	1000
Disc Diameter (mm)	400	500	600	600
Rotation speed (°/s)	Axis 1: 80 /Axis 2: 80	Axis 1: 60 /Axis 2: 80	Axis 1: 50 /Axis 2: 50	Axis 1: 50 /Axis 2: 50
Repeat positioning accuracy (arcmin)	±1.0	±1.0	±1.5	±1.5
Rotation angle (°)	Axis 1: ±90 /Axis 2: ±360	Axis 1: ±90 /Axis 2: ±360	Axis 1: ±90 /Axis 2: ±360	Axis 1: ±90 /Axis 2: ±360
Eccentricity (mm)	≤ 120	≤ 100	≤ 100	≤ 100
Center of gravity distance (mm)	≤ 120	≤ 100	≤ 100	≤ 100



POSITIONERS

Double-axis L-type positioner

Specifications

Model	RGL-SL2-500A	RGL-SL2-1000A	RGL-SL2-2000A
Payload (kg)	500	1000	2000
Disc Diameter (mm)	400	500	600
Rotation speed (°/s)	Axis 1: 50 /Axis 2: 70	Axis 1: 50 /Axis 2: 70	Axis 1: 20 /Axis 2: 20
Repeat positioning accuracy (arcmin)	±1.5	±1.5	±1.5
Rotation angle (°)	Axis 1: ±175 /Axis 2: ±360	Axis 1: ±175 /Axis 2: ±360	Axis 1: ±175 /Axis 2: ±360
Eccentricity (mm)	≤ 250	≤ 200	≤ 150
Center of gravity distance (mm)	≤ 500	≤ 400	≤ 300

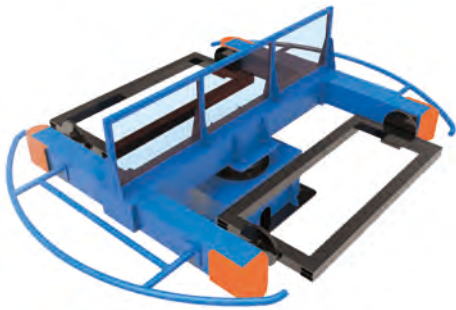


POSITIONERS

Double-axis C-type positioner

Specifications

Model	RGL-SC3-200A	RGL-SC3-500A	RGL-SC3-1000A
Payload (kg)	200	300	1000
Disc Diameter (mm)	450	500	650
Rotation speed (°/s)	Axis 1: 60 /Axis 2: 75	Axis 1: 60 /Axis 2: 75	Axis 1: 20 /Axis 2: 75
Repeat positioning accuracy (arcmin)	±1.0	±1.0	±1.5
Rotation angle (°)	Axis 1: ±175 /Axis 2: ±360	Axis 1: ±175 /Axis 2: ±360	Axis 1: ±175 /Axis 2: ±360
Eccentricity (mm)	≤ 100	≤ 100	≤ 100
Center of gravity distance (mm)	≤ 200	≤ 200	≤ 200



POSITIONERS

Three-axis positioner

Specifications

Model	RGL-SP1-500A	RGL-SP1-1000A
Payload (kg)	500	1000
Radius of gyration (mm)	650	650
Axis 1 rotation angle (°)	±180	±180
Axis 2 rotation angle (°)	±360	±360
Axis 3 rotation angle (°)	±360	±360
Axis 1 rotation speed (° / S)	30	30
Axis 2 rotation speed (° / S)	60	60
Axis 3 Rotation Speed (° / S)	60	60
Repeat positioning accuracy (arcmin)	±1.5	±1.5
Eccentricity (mm)	≤ 150	≤ 150
Center of gravity distance (mm)	≤ 300	≤ 300



POSITIONERS

Three-axis gantry with ground rail

Specifications

Model	NP-LMXYZ-5000	NP-LMXYZ-6000	NP-LMXYZ-7000
Payload (kg)	1000	1000	1000
Gantry span (mm)	5000	6000	7000
Z-axis travel (mm)	1000~2000	1000~2000	1000~2000
Effective stroke (mm)	Customizable	Customizable	Customizable
Walking speed (M/min)	8	8	8
Repeat positioning accuracy (mm)	±0.08	±0.08	±0.08