High accuracy, Compact, Excellent

Providing powerful support for your automation design such as precision positioning or workpiece transportation.

Single Axis Actuator

High accuracy

High grade accuracies applied as standard. (for all standard grade products)

Guarantee repeatability positioning accuracy $\pm 5\mu$ m.(Advance) Selectable high accuracy. ($\pm 3\mu$ m)



Compact

Block integral structure. Selectable high accuracy. (±3µm) Low-profile achieved by the integral structure of blocks.

Excellent Cost vs. Performance

High grade specifications are offered at reasonable standard grade prices. High grade accuracy at standard grade prices.

Cost VS. Performance









LINEAR AXIS ACTUATOR LUBRICATION UNITS SERIES



004

Providing powerful support for your automation design such as precision positioning or workpiece transportation.

SX integrated with ball screw nuts and linear guide is a necessity for high-precision manufacturing process. Applicable to high precision and high load. We can provide various types of screw lead Providing powerful support for your automation design



Application example

Components example

Outline

Using SX for components Achieving reduction of machine element with using a long stroke system.



XY: KYG06020-C θ: KRB06011

Chip assembly device

Utine Using SX for chip assembly System for workpicee transportation or assembly combined with high-precision stages.

LCD luminance inspection device



Application example

Laser processing machine

Outline

Using SX for laser radiation position adjustment

Workpiece handling, high-speed transportation or alignment to be carried out_o



Single axis actuator : SX4520C-B1-A4540-590(2 pcs.) θ:KS402-180-5

Chip transportation machine





Layer thickness measurement system



Application example

Film coating alignment machine

Outline

Using SX for workpiece transportation or focusing the initial position in the film coating alignment that is located the liquid crystal molecules to the one direction.



Single Axis actuator : SX3005C-B1-A3040-250(2 pcs.) Z : BSS16-60CZR

Device for sticking display panel

Outline

Using SX for smart phone panels assembly Panel transportation or positioning to be carried out.



Single Axis actuator : SX3010C-B1-A3040-400 X : KXG06020-C Y : KXG06020-C



Panel transportation machine



Application example

XYθ-Table Outline Two of SX and roation stage application example Providing a variety of the motion for positioning Single axis actuator: SX3010C-S2-A3040-200(2 pcs.)

XYZ-direction movable continuity test mechanism

Outline

Using SX for XYZ three-direction adjustment It is suitable for a precision positioning of many workpiece in a short time.



Single axis actuator : SXM2001C-T4-D4-3-2-L-150 Single axis actuator : SXM2602C-T4-D4-3-2-L-250



XY-stage

Outline Long stroke SX are combined. Efficiently move a big workpiece



Single axis actuator : SX4510C-B1-T4560-590 Single axis actuator : SX3005C-B1-T3042-500

Application example

XYθ-Table

Outline

Using the wrap type SX Can be set at an optimal location even with a limited height.



Single axis actuator : SXR4510C-B1-RA4560-340(2 pcs.)

Multi-point continuous inspection mechanism





Printing system

