

HTROBOT

Custom ground rail series

English selection guide

Linear motion components and multi-axis automation, with practical support from Tianjin.

Based in Tianjin, HTROBOT works with customers on industrial linear motion and multi-axis automation. Our range brings together linear modules, guides, ball screws, actuators and XYZ stages.

Models: DG350; DG500; DG1000; DG1200

Series notes

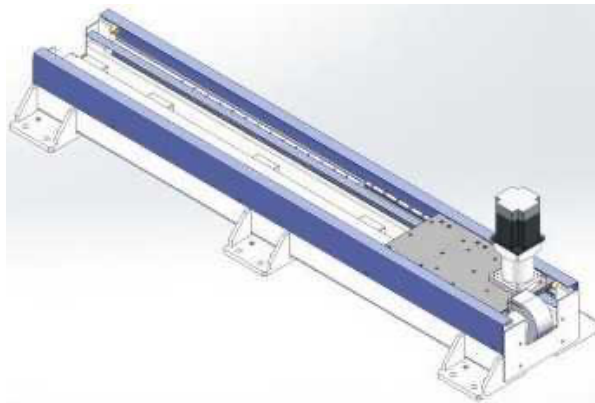
Width and precision can be customized for your project.

We connect component supply with application discussions for positioning, transfer and multi-axis equipment.

HTDG350 Custom ground rail

DG350 · Custom ground rail series

Width and precision can be customized for your project.



DG350 product illustration

Reviewed specifications

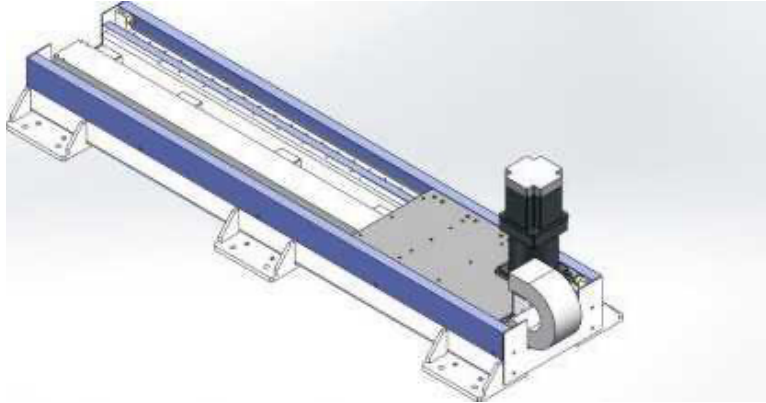
Parameter	Value
Dimension-table stroke range	100-2400 mm
Gear-reducer specification code	180 mm
Gear lead	250 mm
Horizontal load	1000 kg
Repeatability	±0.1 mm
Stroke note	Length unrestricted / interval 100
Gear specification	3M
Linear guide (source code)	30
Ordering example (reference)	DG350-L250-S500-R180-C4-D-K
Sensor model	Outside FC307 (NPN)

A unit is printed only where the source states one.

HTDG500 Custom ground rail

DG500 · Custom ground rail series

Width and precision can be customized for your project.



DG500 product illustration

Reviewed specifications

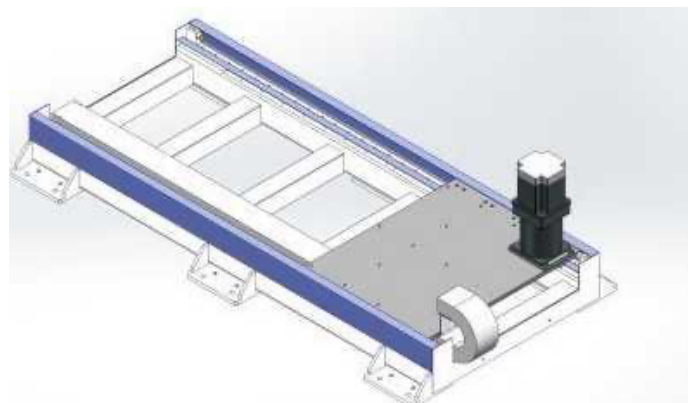
Parameter	Value
Dimension-table stroke range	100-2400 mm
Gear-reducer specification code	180 mm
Gear lead	250 mm
Horizontal load	1500 kg
Repeatability	±0.1 mm
Stroke note	Length unrestricted / interval 100
Gear specification	3M
Linear guide (source code)	30
Ordering example (reference)	DG500-L250-S500-R180-C4-D-K
Sensor model	Outside FC307 (NPN)

A unit is printed only where the source states one.

HTDG1000 Custom ground rail

DG1000 · Custom ground rail series

Width and precision can be customized for your project.



DG1000 product illustration

Reviewed specifications

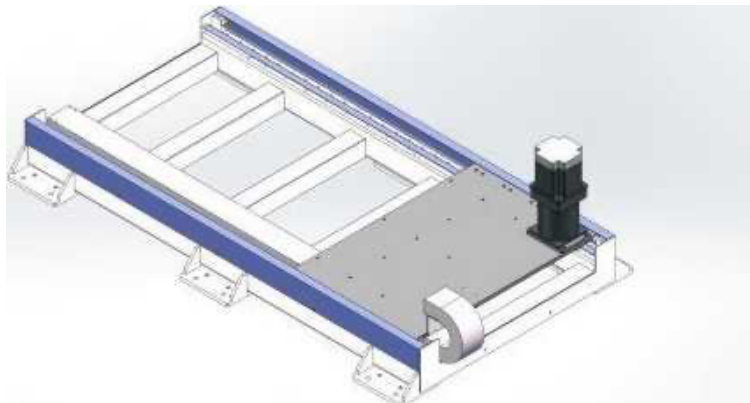
Parameter	Value
Dimension-table stroke range	100-2400 mm
Gear-reducer specification code	180 mm
Gear lead	333 mm
Horizontal load	3000 kg
Repeatability	±0.1 mm
Stroke note	Length unrestricted / interval 100
Gear specification	4M
Linear guide (source code)	45
Ordering example (reference)	DG1000-L333-S500-R180-C4-D-K
Sensor model	Outside FC307 (NPN)

A unit is printed only where the source states one.

HTDG1200 Custom ground rail

DG1200 · Custom ground rail series

Width and precision can be customized for your project.



DG1200 product illustration

Reviewed specifications

Parameter	Value
Gear-reducer specification code	220 mm
Gear lead	400 mm
Horizontal load	4000 kg
Repeatability	±0.1 mm
Stroke note	Length unrestricted / interval 100
Gear specification	4M
Linear guide (source code)	45
Ordering example (reference)	DG1200-L400-S500-R220-C4-D-K
Sensor model	Outside FC307 (NPN)

A unit is printed only where the source states one.



Contact

Start with a product or an application. Use the inquiry draft to collect what you are considering, or contact us directly with your requirements.

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