1. Application apparatus

2. Install interface

(1) Cylinder block installation mode

- Single earring
  - With bushing
  - Without
- Double earring
  - With bushing
  - Without
- Trunnions
- Flange
  - Single side
  - Double side
  - Other

(2) Rod end installation mode

- Single earring
  - With bushing
  - Without
- Double earring
  - With bushing
  - Without
- Thread
  - Internal
  - External
- Other

3. Performance

- Max linear speed
- Static load
- Dynamic load
- Lateral force
- Operating stroke
- Work cycles
- Protection
- Operating temperature
- Voltage
- Working condition
- Control mode
- Synchronization
- Self-locking
- Other Customer requirements

What we provide

- High pressure cylinder
- High performance hydraulic test bench
- Hydraulic piston pump and motor
- High precision casting
- Mobile machinery control valve
- Pneumatic component and system integration
- Industrial valve
- Cold drawn seamless tube
- Hydraulic power unit and system
- Surface thermal spray treatment

We are looking forward to working with you!

HENGLI HYDRAULIC

As a domestic benchmark enterprise in the field of high-end hydraulic control transmission technology, Hengli Hydraulic is actively advocating and performing innovations in four areas of product design, manufacturing process, quality and management improvement. Hengli is dedicated to realizing hydraulic component intelligent production, efficient and energy-saving production. Through technology innovation, we are supporting a better worldwide recognition of "Made in China", contributing to a new global hydraulic industry structure and worldwide technology innovation.

In response to diversified market demands, Hengli is committed to designing and developing hydraulic control and transmission products and solutions based on the specific local requirement for worldwide customers. Especially for mobile machinery and tunnel boring industries, Hengli maintains a sustainable competitive advantage relying on mature application experience and strong cooperation partnership with our customers.

We are looking forward to working with you!
With the ever-increasing stringent environmental regulations, people’s awareness of environmental protection is gradually increasing, and the requirements for construction machinery are getting higher and higher. With its advantages, such as low noise, no leakage, high efficiency, and low pollution of the electric cylinder just make up for this demand. Various types of constructor machinery or manipulators, equipped with the electric cylinders as the mechanical carrier, have gradually become more popular in many enterprises.

As a kind of electric actuator, electric cylinder has the characteristics of low cost, compact structure, convenient installation, high control precision and flexible operation. As a mechanical motion carrier, the electric cylinder drives the ball screw to move through the rotation of the servo motor, with angular displacement transformed into linear displacement, achieving accurate speed control, position control, and thrust control.

Because of its high efficiency, large load capacity, fast speed, precise and controllable movement, the electric cylinder is widely used in many fields including aerospace testing, multi-degree of freedom simulation, multi-degree of freedom dynamic entertainment, multi-degree of freedom precision machining, robots, auto manufacturing equipment, steel connection casting, petrochemical engineering, materials handling, injection molding machine, mold control, valve control, precision machinery, pharmaceutical machinery, food processing and other fields.

**R&D Strength**

At the time of conventional theoretical calculations, we use finite element software for assistant analysis and calculation under the complex stress conditions of the electric cylinder, thereby more effectively ensure that the design strength meets the needs of use, and the durability test bench can be used for life testing and performance testing.