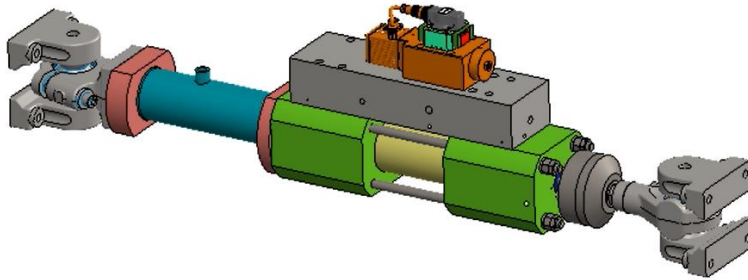


# A1673-WEB PAGE

## 1. SERVO HYDRAULIC ACTUATORS



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Servo Hydraulic Actuators are electrically operated cylinders with Servo Valve, LVDT transducers, load cells and swivel ends. Used for very high Frequency applications.

Specifications:

Rod Dia(mm): 45, 50,80, 100

Cylinder Bore(mm): 90, 100, 120, 150

Working Strokes(mm): 50, 100, 150, 200, 250

Working Pressure: 207 bar (3000 PSI)

Maximum Pressure: 250 bar

Load Capacity: 5 KN to 10 KN

Seal: NBR as Standard

Applications:

- Custom Design as per requirement
- Used for High performance structural Testing
- General Industrial servo control application
- Civil engineering testing

## 2. Hydraulic manifold system

Hydraulic manifolds are units that regulates fluid flow between pumps and actuators and other components in hydraulic system.



Technical Specifications:

- Up to 400 LPM rated flow and 250 bar rated pressure
- Provided with control function for pressure off, low pressure, and high-pressure modes and fast pressure unloading modes.
- Accumulators in both pressure and return lines, for energy storage and reduction of pressure fluctuations.
- Equipped with a push-to-read valve-isolated pressure gauges
- Filter in pressure line 25 micron/10micron
- Provided with Safety Valve /Pressure control Valve/DC valve

Applications:

- For cylinder/actuator controls
- Line distribution in many application
- Structural testing system

### 3. Inertia Test Facility

The test facility contains one inertial loading capacity of 2 ton. It has assembly of one horizontal and vertical actuator with servo Valve.

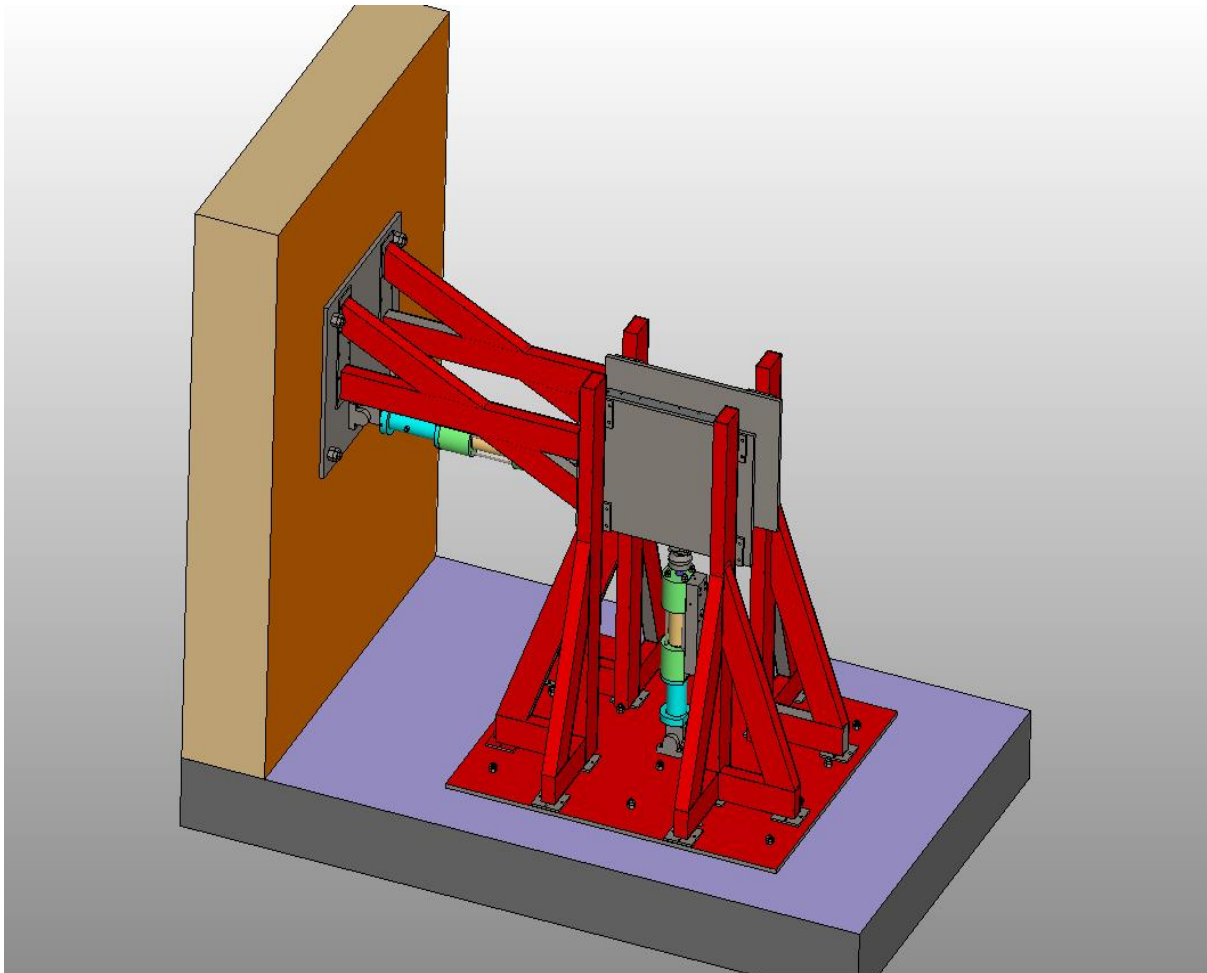


Figure 1. INERTIAL TEST FACILITY