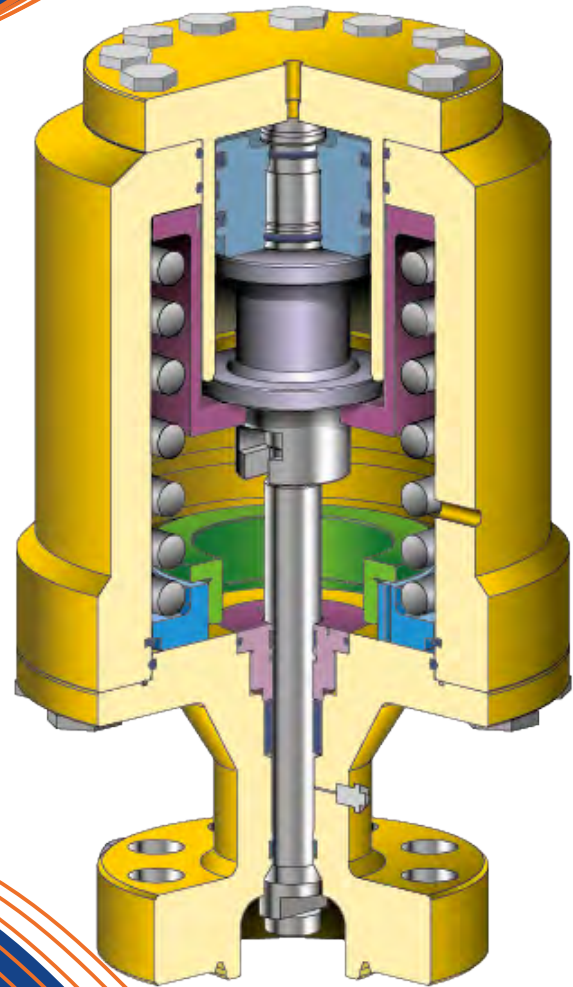


# Actuator

3 1/16" (ISOLATED CYLINDER)  
'MAGNUM' SUB-SEA HYDRAULIC



LEADING  
THROUGH  
INNOVATION

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WORLDWIDE OILFIELD MACHINE

## Hydraulic Fail-Safe Actuators

Designed for both surface and subsea applications in conjunction with Magnum Gate Valves, the Hydraulic Fail-Safe Actuator houses a quick disconnect mechanism which allows for fast removal of actuator from valve without disturbing the body/bonnet connection.

Once removed, it provides easy access to valve stem packing. In addition, the actuator body totally contains the spring under compression, making field service safer and quicker.

Liberal use of wear rings prevents metal-to-metal contact, reducing wear, scoring, and galling. Available for use on valve sizes from 1-13/16" through 9" with API ratings of 2,000 to 20,000 psi and as Fail-Open or Fail-Close to match pressure control requirements and customer applications.

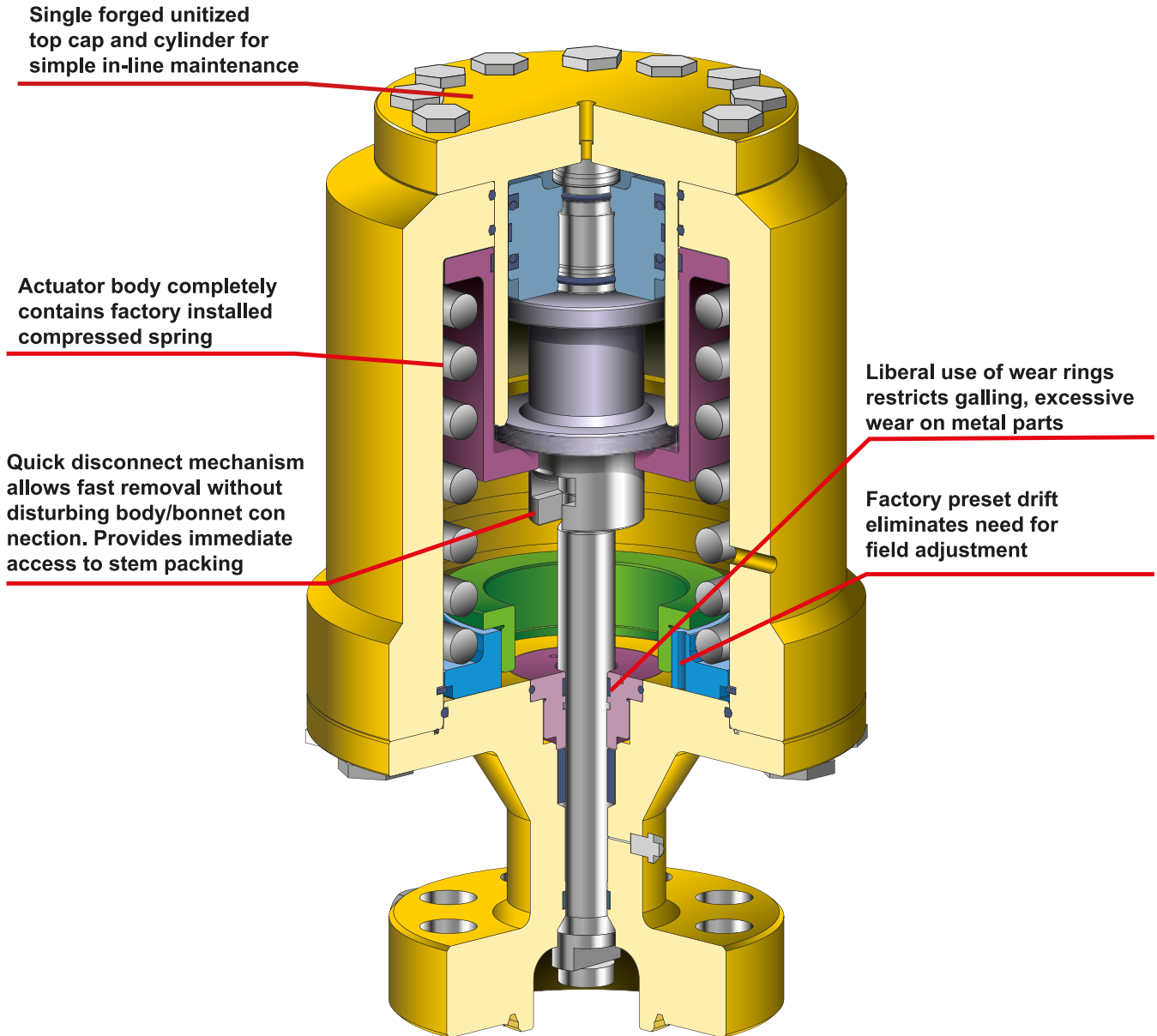
The Magnum Subsea Actuator design has been tested to a water depth of 13,200 ft and meets all specifications for subsea wellhead and Christmas tree applications. In additional testing, the actuator has been cycled 5,000 times at full working pressure, providing reliability and safety in the most demanding subsea operations.

### Special Application Actuators, Accessories, and Options

Also available from WOM is a full range of Double Acting Hydraulic, Wireline Cutting, and Fire-Safe actuators for a variety of applications in a vast assortment of trims, temperature, and pressure ratings. All actuators are compatible with the Magnum Gate Valve series. Many useful options are available, including: heat sensitive lock open devices, manual override operators, position indicators, limit switches, and quick exhaust devices.



# 3 1/16"-15M (ISOLATED CYLINDER) MAGNUM SUBSEA ACTUATOR





**WORLDWIDE OILFIELD MACHINE**



**VALVES & CONTROLS**  
*A WOM group company*



**Magnum Technology Center**  
*A WOM Group Company*

We are Worldwide Oilfield Machine (WOM) - a global company pioneering Flow Control Solutions for the Surface & Subsea sectors of the oil & gas industry. Headquartered in Houston, Texas, we have manufacturing facilities, engineering centers, sales offices and assembly/testing workshops all over the world.

Our strength is our robust infrastructure that allows us complete control over quality, costs and delivery. With more than 20 patents and noted accreditations, our very own R&D facilities and 24x7 service centers across the globe we have the required capabilities & resources to deliver all your manufacturing needs for the industry.

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