

Worldwide Oilfield Machine

Magnum Mud Gate Valve



Invention,
Innovation, and
Engineering
Creativity

Subsea Intervention Systems

Custom Design & Manufacture

Wellheads & Christmas Trees

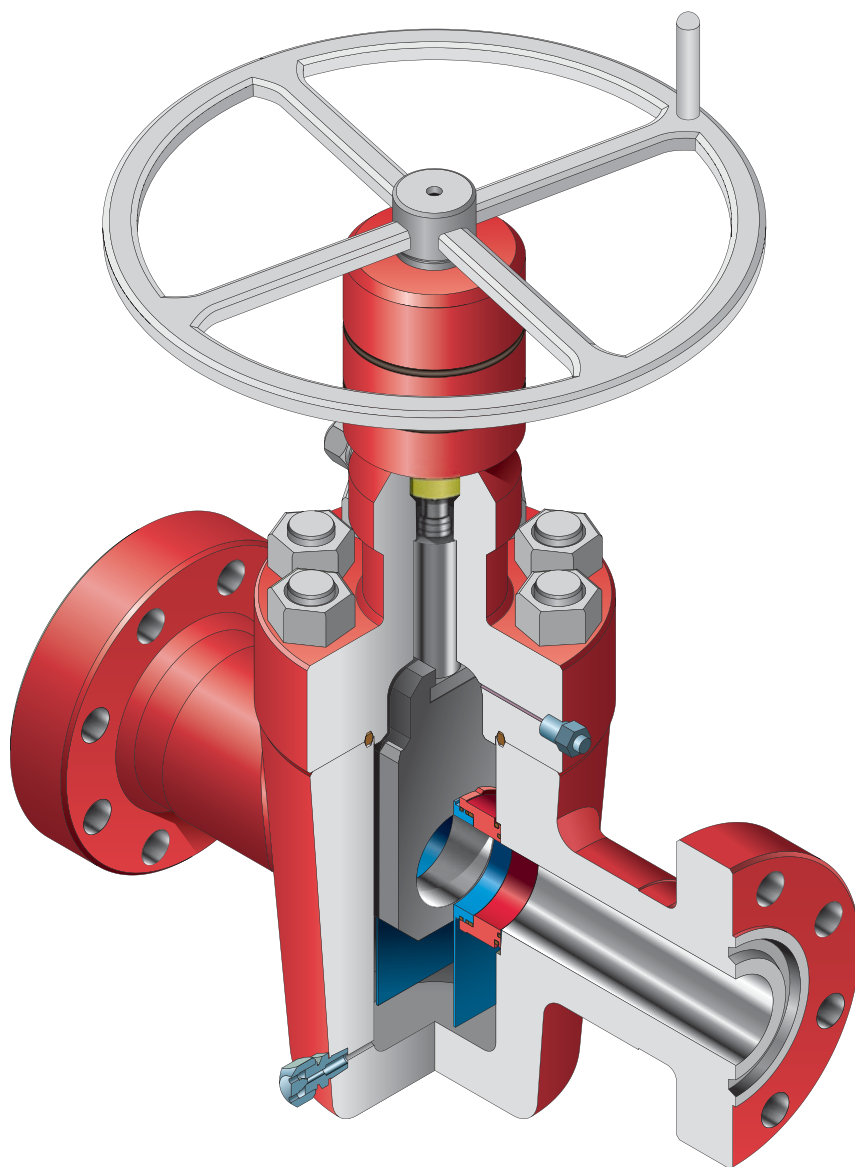
Magnum Gate Valves

Blow Out Preventers

Manifold Systems

Ball Valves

Well Test Products



Features Patented Dual-Seal™ Technology

Hard Facing of key components ensures better protection under highly corrosive, erosive, and abrasive conditions... Fewer replacement parts reduce spare parts inventory... Adaptable to all types of WOM actuators and pressure-control equipment... Meets all API standards and ISO quality requirements.

WOM Mud valves are available in sizes from 1-13/16" through 5" in working pressures from 3,000 psi through 15,000 psi. All WOM Mud valves are full-bore and thru-conduit. WOM Mud valves can be supplied with flange, hammer union, hub, threaded, or butt weld ends.

LICENSED UNDER



CERT-0020744



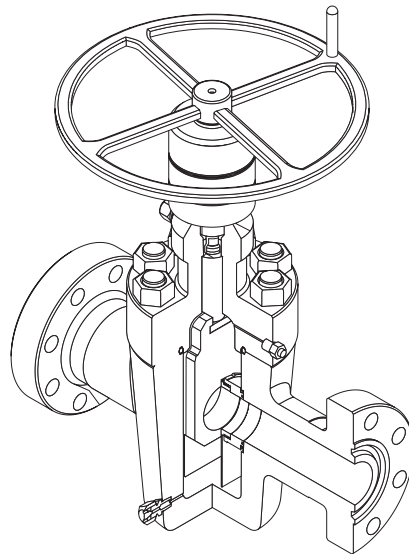
No. CE-0041-PED-H-WOM-001-08-USA

WOM Mud valves are specially designed for mud, cement, fracturing, and water service. WOM mud valves are forged bodied and through conduit. They feature MAGNUM sealing technology and an added seat skirt assembly for high and fluctuating pressure and abrasives. WOM mud valves can be easily serviced in-line and all internal components can be inspected and replaced through the bonnet. All mud valves meet or exceed the requirements for API 6A and 6D.

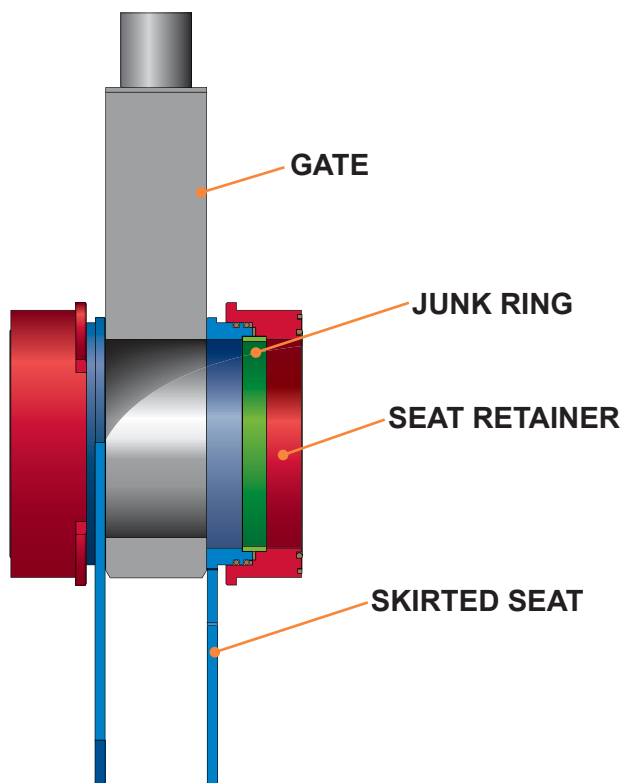
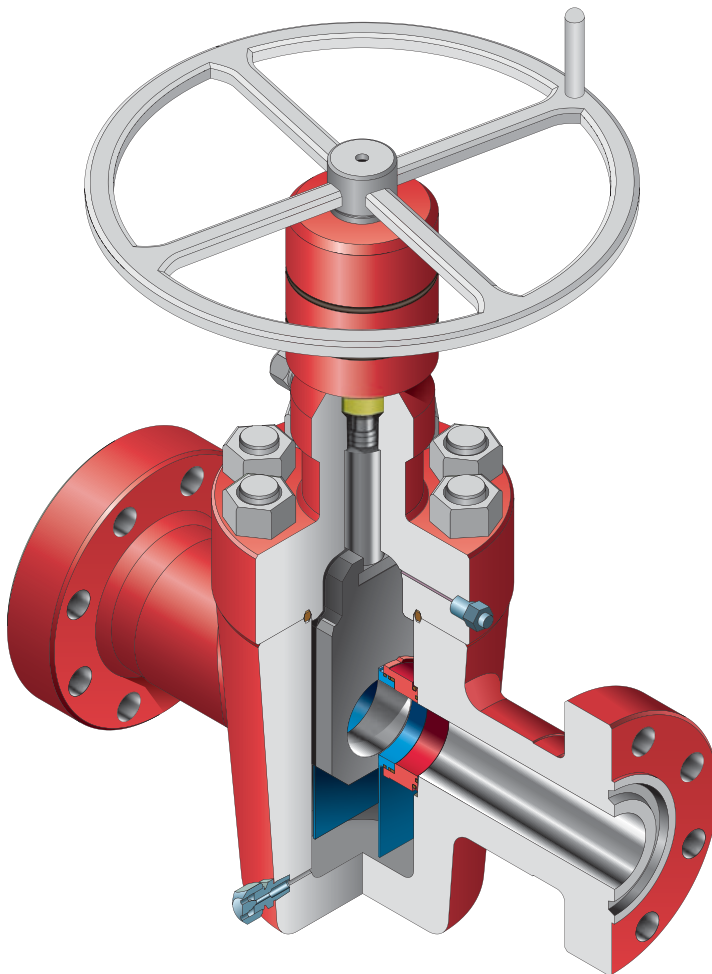
WOM's Magnum gate valves provide sealing reliability that is unmatched in the industry. The patented design has been proven in hundreds of well control applications during drilling, testing, and production... onshore, offshore, and subsea.

The key to Magnum's superior bi-directional sealing is the "Dual-Seal™" system. This unique "Thru-Conduit" design provides both upstream and downstream sealing, creating a pressure-energized balance between the slab gate and seat assemblies. The "Dual-Seal™" seats expand against the floating gate when subjected to line pressure to form a positive metal-to-metal seal.

The body cavity is exposed to line pressure only during valve opening and closing, ensuring better lubricant retention, less exposure to line contaminants, and longer service life with less maintenance.



Note: Added Junk Ring between seat and seat retainer acts as an additional barrier against line ladens.



STATEMENT OF FACT
October 29, 2001

For the past (12) years, (2) major drilling contractors have been using WOM's Magnum Mud Gate Valves with skirted seats.

Unlike other mud gate valves, the Magnum Mud Gate Valve with skirted seats, seals "Thru-Conduit" in both "Full-Open" and "Full-Closed" positions. "Thru-Conduit" sealing eliminates the turbulence experienced in the paddle gate mud valve design. Unlike the paddle gate mud valve, the Magnum Mud Gate Valve with added seat skirts, prevents contaminants from entering the gate valve body cavity.

The track record of the Magnum Mud Gate Valve has shown superior performance in abrasive, mud, cement, and fracturing environments. WOM's Patented "Dual-Seal™" system with added seat skirts has reduced spare parts required to maintain the valves in service to a minimum. The Magnum Mud Gate Valve has proven to be very cost effective to the owner of the valves.



Worldwide Oilfield Machine

Magnum Mud Gate Valve



WORLDWIDE OILFIELD MACHINE

Contact **US**

Headquarters/U.S.A.

Worldwide Oilfield Machine, Inc.
11809 Canemont Street
Houston, Texas 77035 USA
Phone: +1 (713) 729-9200
Fax: +1 (713) 729-7321

Worldwide Oilfield Machine, Inc.

5800 Cunningham
Houston, Texas 77041 USA
Phone: +1 (713) 937-0795
Fax: +1 (713) 937-8574

Worldwide Oilfield Machine Pvt. Ltd.

Gat No. 778, at Post Velu
Pune Satara Rd.
Tal. Bhor, Dist. Pune. 412 205. India
Phone: +91 (2113) 252 357/499/422
Fax: +91 (2113) 252 476

Magna Casting & Machine Works

Gat No. 777, at Post Velu
Pune Satara Rd.
Tal. Bhor, Dist. Pune. 412 205. India
Phone: +91 (2113) 252 357/499/422
Fax: +91 (2113) 252 476

Magnum Forge & Machine Works

Gat No. 777, at Post Velu
Pune Satara Rd.
Tal. Bhor, Dist. Pune. 412 205. India
Phone: +91 (2113) 252 357/499/422
Fax: +91 (2113) 252 476

Worldwide Oilfield Machine (UK) Ltd.

7 St Machar Road
Aberdeen
AB24 2UU
Scotland, UK
Phone: +44 (01224) 484400
Fax: +44 (01224) 489740

WOM M.E.

JAFZA View LOB#19, Office# 2402
Jebel Ali Downtown
Dubai (U.A.E)
Phone: (971-4) 88 55 111
Fax: (971-4) 88 55 112

WOM Southeast Asia Pte. Ltd.

61A Tuas South Ave 1
Singapore 637326
Phone: +65 6560 3857
Fax: +65 6560 3859

Magnum Subsea Systems

61A Tuas South Ave 1
Singapore 637326
Phone: +65 6863 3533
Fax: +65 6558 7562

LICENSED UNDER



6A-0203
16A-0080
6D-0330
16C-0088
17D-0023



No. CE-0041-PED-H-WOM-001-08-USA

CERT-0020744

