Cameron® Style ‘MS’ Check Valve

Check Valve
CAMERON® STYLE ‘MS’ TYPE

- Choke Manifolds
- Cameron Type ‘FLS’ & ‘FC’ Gate Valves
- Cameron Type H Back Pressure Valves
- Cameron Type U BOP Rubber Parts
- Cameron Type MS & R Check Valves
- Swaco & Cameron Hydraulic Chokes
- Control Panels Swaco & Cameron

Design Features
- Metal to Metal Seal
- Stream Line Valve Seat
- Low Maintenance

Pressures up to 15,000 PSI for Various Sizes
Meets or Exceeds API 6A Standards & NACE MR-01-75
Internal parts are completely interchangeable with CIW

Check Valves for Drilling & Production

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E-Mail: sales@mcmoiltools.com • Website: www.mcmoiltools.com

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Back Pressure Valve

and to prevent backflow of fluid into tubing.

Sizes available from 1-1/4" to 6-5/15" for BPV + TWC

* We also provide installation, removal tools and test plugs*

QUALITY  •  DELIVERY  •  PRICE

The Cameron type "H" back pressure valve safely seals tubing pressure to

20,000 psi. BPV are used during the inflation of Christmas Trees, BOP removal

and extreme temperatures are a factor where elastomer seals cannot be used. Applications for the MCM MS Check Valve are high-pressure mud

• Low Maintenance  — The MCM MS Check Valve has no lubricated parts and requires no routine maintenance.

• Streamline Valve Seat — A streamlined valve seat area results in low turbulence and improves body

• Material options of 4130, 17-4 and Inconel.

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As defined by NACE Standards MR-01-75

Notes: Specifications are subject to change without notice. Special trims are available upon request.

*INCONEL 718 AVAILABLE UPON REQUEST*
The MCM MS Check Valve metal to metal seal is design for high pressure/high temperature environments where elastomer seals cannot be used. Applications for the MCM MS Check Valve are high-pressure mud choke manifolds and high pressure Christmas tree injection and kill lines.

The MCM ‘MS’ Check Valve can be used with oil, gas, water or drilling fluids and are available in all temperature and material classes as well as product specification levels (PSL) as specified in API 6A.

It is available in standard pressure ratings from 3,000 psi to 20,000 psi and bore sizes from 1-13/16” through 4-1/16”.

Design Features and Benefits

• Metal to Metal Seals - Metal to Metal sealing is ideal for chemical and well fluids contact the sealing areas and extreme temperatures are a factor
• Streamline Valve Seat - A streamlined valve seat area results in low turbulence and improves body longevity.
• Low Maintenance - The MCM MS Check Valve has no lubricated parts and requires no routine maintenance.
• MCM MS Check Valve conforms to API 6A requirements for end to end measurements.

<table>
<thead>
<tr>
<th>Nominal Size</th>
<th>Rating</th>
<th>Face to Face Dimension</th>
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Cameron® Type “H & HM”

- Testing up to 15,000 psi.
- Repairs without killing the well.

- Material options of 4130, 17-4 and Inconel.

Back Pressure Valve
Cameron’ Style “H & HM”
Type

Hydraulic Drilling Choke
Cameron® Style

Manual Choke
Cameron® Style ‘H2’ Type

CAMERON® Type U Packers & Top Seals

SWACO® Choke

‘MS’ Style Check Valve
Cameron® Style

Check Valve
Cameron® Style ‘R’ Type

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