McWane Gulf
ENERGY AND PROCESS VALVES
Company Profile

McWane is well known for its manufacturing excellence and its competitive edge which has been attained through advanced research and development (R&D) activities, manufacturing capabilities and a very strong sales and leadership team. McWane is also innovative in bringing together the manufacturing, marketing and sales of the most comprehensive range of valves, pipes and fittings products in the world today. the McWane group is a long established manufacturer of valves, hydrants, pipes and fittings in the market with over 97 years of experience. McWane was established in 1921 in the U.S.A and has over 6,000 employees in 13 foundries and 25 additional manufacturing plants.

Manchester Tank, a division of McWane manufacturer of pressure vessels for the containment of compressed air, propane and chemicals. The company's broad product line also includes ASME approved steel tanks and DOT / ABS approved steel and aluminum cylinders. All these products are widely used in Oil & Gas, Petrochemical & various other Industrial sectors.

McWane has started its new Middle East manufacturing division, McWane Gulf in Abu Dhabi, UAE, so as to accommodate the growing demand in the Water, Energy, Fire and Process sectors for McWane product ranges in the Middle East, Africa and Asia.

The 155,000 Sq. foot McWane Gulf facility is located on 25 acres of land in ICAD-2, Musaffah, Abu Dhabi. The plant has extensive, modern facilities including a CNC machine shop, Fusion Bond Epoxy (FBE) coating facility, a grinding, shot blast, welding and testing area, finished goods warehousing & shipping, & administrative offices.

Our main goal is to offer high quality products and services to ensure the highest degree of satisfaction of our customers.
McWane Kennedy Series - MZ
Triple Offset Metal Seated Zero Leakage Butterfly Valves

Product Features
• Geometric triple offset design ensures zero* leakage performance
• Friction free stroking
• Low maintenance
• Extended valve life

Key Features
• Metal seated
• Bi-directional
• Zero leakage* seat tightness
• Self-centering disc construction prevents jamming due to thermal expansion
• Inherently fire safe
• Anti-blowout stem system

Design: API 609, ASME B16.34
Test Standard: API 598, API 607
Flange Standard: ASME B16.5 up to 24” & ASME B16.47 (A series) for larger diameter
BS EN 1092-1
Face to Face: ASME B 16.10; BS EN 558/ISO 5752, API 609
Size: 4” to 96” (DN100-DN2400)
Pressure Rating: ANSI CLASS 150#/300#/600#, PN 6/10/16/25/40
Standard Material: WCB Body, WCB Disc, Duplex/SS seal ring, SS Shaft
SS Body, SS Disc, Duplex/SS seal ring, SS Shaft
Application: • Oil & Gas/Offshore Drilling Platform
• Power/Construction/Metallurgical Industries
• Pipeline and Storage
• Chemical, Supply & Service
• Desalination

*Zero Leakage - in accordance with the following standards: API 598 (Soft Seat), API 6D (Soft Seat), FCI 70-2 Class VI.
## McWane Kennedy Series - MF

**Floating Ball Valves**

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<th>Design &amp; Manufacture Standard:</th>
<th>API 6D, ASME B16.34</th>
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<tr>
<td>End Connections:</td>
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<td>Size &amp; Pressure rating:</td>
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<td>Standard Material:</td>
<td>Body &amp; Adapter: ASTM A216 WCB/A 105/A351 CF8M/A352 LCB</td>
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<td>Ball: ASTM A182, SS304/SS316</td>
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<td>Stem: ASTM A479 SS304/A479 SS316/A182 F410</td>
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<td>Seat: RPTFE/Peek</td>
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### Product Features

Floating ball valve design for:
- Zero leakage performance
- Friction free operation
- Low maintenance
- Extended valve life

### Key Features

- Bi-directional
- Two-piece design
- Zero leakage seat tightness
- Anti-blowout stem system
- Fire safe
- Anti-static
- Multiple stem sealing
McWane Kennedy Series - MZ & MC
Trunnion Mounted Ball Valves

Product Features
Trunnion mounted ball valve designed for zero leakage performance and friction free operation with low maintenance and extended valve life

Key Features
• Metal seated
• Bi-directional
• Zero leakage seat tightness
• Anti-blowout stem system
• Inherently fire safe
• Cavity relief system
• Secondary seal of sealant port
• Anti-static

Design & Test Standard: API 6D & API 598, ASME B16.34, API 6FA / BS 6755-pt2
Flange Standard: ASME B16.5 (up to 24”) & ASME B16.47 (26” and above)
Face to Face: ASME B16.10/API 6D
Size: ½” to 36”
Model: ½” to 6” Type MZ
8” to 36” Type MC
Pressure Rating: Class 150 to 900
Standard Material: Body & End Closer: A105N/LF2/SS
Seat: RPTFE/Nylon/Peek
Ball/Stem: A105 + ENP, F6A+ENP, SS316, LF2+ENP
Seal: Viton/Nytrile/Graphite/Nylon
Application: • Oil & Gas
• Refining and Petrochemicals
• Power/Construction/Metallurgical Industries
• Pipeline and Storage
McWane Kennedy Series - 5A
Concentric Butterfly Valves

**Product Features**
Concentric resilient seated butterfly valves for general purpose application

**Key Features**
- Resilient seated bi-directional
- Zero leakage seat tightness
- Field replaceable seat
- Wafer, Lugged and Flanged option

**Design:** EN 1047

**Types:** Wafer/Lugged/Double Flanged

**Test Standard:** API 598/EN 12266-1&2

**Flange Standard:** BS EN 1092-2
ASME B16.5 up to 24” & ASME B16.47 (A series) for larger diameter

**Face to Face:** BS EN 558/ISO 5752

**Size:** 2” to 88” (DN50-DN2200)

**Pressure Rating:** ANSI CLASS 125#/150#/300#
PN 6/10/16/25

**Standard Material:** DI Body
SS/Al-Bz/Duplex Disc

**Seat:** EPDM/NBR

**Application:**
- Sea Water Intake
- Desalination
- Water, Air, Dry Bulk Conveying
McWane Kennedy Series - M12
Dual Plate Check Valve

**Product Features**

Back flow prevention dual-plate metal seated check valve suitable for a wide range of applications

**Key Features**

- Dual-plate
- Metal seated
- Quick and silent closing spring assisted
- Vertical or horizontal installations suitable for different applications

**Design Standard:** API 594

**Types:** Wafer

**Test Standard:** API 598

**Flange Standard:** Suitable for installation with PN 10/PN 16/PN 25/PN 40 and ANSI 150 and ANSI 300 flanges

**Face to Face:** API 594

**Size:** 2” to 48” (DN50-DN1200)

**Pressure Rating:** ANSI CLASS 125#/150#/300#/600# PN 6/10/16/25

**Standard Material:**
- Body/Plate: WCB/CF8M/Bronze
- Shaft: SS316/Monel 400
- Spring: Inconel
- Disc/Seat surface: SS/Stellite

**Application:**
- Sea Water Intake
- Desalination
- Water, Air