



**VME VALVES**

**VME Valves Factory LLC**



**Ductile Iron Valves  
&  
Mechanical Fittings**



*"Partnering With Innovation & Perfection"*

Water Distribution | Water Transmission | Wastewater | Sewage | District Cooling | Desalination

# Introduction



We at VME Valves in UAE, manufacture a comprehensive range of industrial valves, serving various industry verticals with the focus on water, wastewater, sewage treatment, desalination and district cooling.

Our valves are designed and manufactured to meet the major international standards, highest quality standards with modern manufacturing technology and astute materials sourcing.

## **Our Vision**

Our vision is to become one of the leading brands in the region, manufacturing industrial valves and offer our valued customers high quality products through enhancing our productivity, offering competitive prices, ensuring timely delivery.

## **Our Mission**

To continuously serve our customers in a better and innovative way with utmost attention given to Quality, Health, Safety, Environmental protection and ensure a sustainable environment for all living kinds and update our values for the society.



## Resilient Seated Gate Valves

## Check Valves



Resilient seated gate valves designed with non-rising stem, ductile iron wedge fully encapsulated with EPDM rubber, has excellent sealing profile to achieve 100% tight shutoff.

The entire valve is coated with non-toxic fusion bonded epoxy for a high level of corrosion protection, with all the rubber parts & coating certified for potable water.

Size range: DN 50 to DN 600  
Pressure rating: PN10 / PN16

### Standards Compliance

Design: EN 1074  
End Connection: EN 1092-2  
Testing: EN 12266 / EN 1074  
Face to Face: EN 558 / ISO 5752

### Materials

Body: Ductile Iron  
Wedge: Ductile Iron (Encapsulated EPDM)  
Shaft: SS 316 / SS 316 L



*“Our resilient seated gate valves, with WRAS approved FBE coating and EPDM sealing components ensures appropriate quality standards suitable for drinking water”*

Swing check valves with resilient seat for pumping applications to prevent back flow avoiding damage to the piping components. They can be used for drinking water as well as wastewater application.

All the internal components are of stainless steel or coated with WRAS approved epoxy or EPDM.

Size range: DN 50 to DN 300  
Pressure rating: PN 10 / PN 16

### Standards Compliance

Design: EN 1074  
End Connection: EN 1092-2  
Testing: EN 1074 / EN 1074  
Face to Face: EN 558 / ISO 5752

### Materials

Body: Ductile Iron  
Disc: DI (Encapsulated EPDM)  
Shaft: SS 316 / SS 316 L



*“Our rubber seated swing check valves are simple, durable and exhibits improved design features over that of traditional metal-seated swing check valves”*

## Concentric Butterfly Valves

Soft seated concentric butterfly valves are suitable for water distribution, water treatments and transmission applications. The valve body and the shaft are fully isolated from the line fluid and the rubber lining with excellent profiled sealing provides a very high -level functional performance.

WRAS approved sealing components makes the valve suitable for potable water systems.

Size range: DN 50 to DN 1200  
Pressure rating: PN10 / PN 16

### Standards Compliance

Design: EN 593  
End Connection: EN 1092  
Testing: EN 12266 / EN 1074  
Face to Face: EN 558 / ISO 5752

### Materials

Body: Ductile Iron (Rubber Lined)  
Disc: Al Bronze / Duplex / Stainless steel  
Shaft: Duplex / Stainless steel



*"100 % bi-directional tight shut off without restriction in direction of flow makes this valve suited to the dual roles of process isolation and on-off control "*

## Eccentric Butterfly Valves



Double eccentric design valves are offered with soft seat retained in the disc and quarter turn rotation, the soft sealing high quality EPDM seal is profiled for high performance and long life. Disc is designed to withstand the maximum pressure differential across the valve in both the direction.

WRAS approved FBE coating sealing components makes the valve suitable for potable water systems.

Size range: DN 150 to DN 1200  
Pressure rating: PN10 / PN 16

### Standards Compliance

Design: EN 593 / EN 1074  
End Connection: EN 1092-2  
Testing: EN 12266 / EN 1074  
Face to Face: EN 558 / ISO 5752

### Materials

Body: Ductile Iron  
Disc: Ductile Iron / Special Alloy  
Shaft: Duplex / Stainless steel  
Seat Ring : EPDM



*"The double offset design provides a non-rubbing effect while closing and opening, reducing seal wear and closing torque and ensure drop tight closure "*



## Air Release Valves

Air release valves are offered in single and double chamber configuration and used for removing / adding the air while filling / emptying the pipeline with water. In addition to this it helps in removing the accumulated air in the pipeline during operation.

Float material is non-corrosive, and the complete valve is compatible for potable water use / sewage water

Size range: DN 50 to DN 300  
Pressure rating: PN10 / PN 16

### Standards Compliance

Design: EN 1074  
End Connection: EN 1092-2  
Testing: EN 1074

### Materials

Body: Ductile Iron  
Float: SS 316 / PP



*“Designed to vent out the air that collects at high points in a pipeline. This valve continuously eliminates air from the system by releasing small quantities of air before large air pockets can occur”*

## Mechanical Fittings



Comprehensive range of mechanical fittings dismantling joints, flange adapters and pipe couplings.

Dismantling joints with telescopic arrangement enabling an easy removal or installation in pipelines, flange adapter and couplings for DI, PVC and GRP pipes.

Size range: DN 50 to DN 1200  
Pressure rating: PN 10 / PN 16 / PN 25

### Standards Compliance

End Connection: EN 1092  
Testing: EN 12266

### Materials

Body: Ductile Iron  
Fasteners: SS 316



*“Our dismantling joints and flange adapters create easily serviceable connections simplifying the installation and removal of isolation valve.”*

## Metal Seated Gate Valves

Metal Seated Gate Valves are offered with Ductile Iron Body and Wedge & Seat in Copper alloy which facilitates Smooth operation

Options features such as Bypass and Drain Valves provided based on customer requirements

Size range: DN 50 to DN 1000  
Pressure rating: PN10 / PN16

### Standards Compliance

Design: EN 1074 / EN 117 1  
End Connection: EN 1092-2  
Testing: EN 12266 / EN 1074  
Face to Face: EN 558 / ISO 5752

### Materials

Body: Ductile Iron  
Wedge: Ductile Iron + Bronze / Brass  
Seat Ring: Bronze / Brass  
Shaft: SS 316



*Our Metal Seated Wedge Gate Valves are used for pipeline isolation mainly for water, waste water and sewage applications*

## Metal Seated Check Valves



Metal Seated Swing Check Valves are offered with Ductile Iron Body and Disc & Seat in Copper alloy which facilitates Smooth operation

Valves are offered with Lever and Counter weight operator

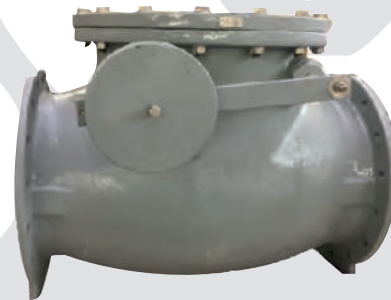
Size range: DN 50 to DN 600  
Pressure rating: PN10 / PN16

### Standards Compliance

Design: EN 1074  
End Connection: EN 1092-2  
Testing: EN 12266 / EN 1074  
Face to Face: EN 558 / ISO 5752

### Materials

Body: Ductile Iron  
Disc: Ductile Iron + Bronze / Brass  
Seat Ring: Bronze / Brass  
Hinge Pin: SS 316 L



*Our Metal Seated Swing Check Valves are used to prevent reverse flow for Sewage and Waste water treatment applications*

## Knife Gate Valves

Knife Gate Valves are offered with various soft seat based on customer requirements and the Valves are Unidirectional / bidirectional in Operation

Valves are available in both rising and non-rising stem options. High quality Fusion Bond Epoxy coating provided for long lasting corrosion resistance and great durability

Size range: DN 50 to DN 600  
Working Pressure: 6 bar

### Standards Compliance

End Connection: EN 1092-2  
Testing: EN 12266  
Face to Face: EN 558 / ISO 5752

### Materials

Body: Ductile Iron  
Knife: SS 316  
Seat: EPDM / NBR / VITON



*Our Knife Gate Valves seals bidirectional and suitable for liquids with solid contents mainly in the field of sewage and waste water applications as well as process water*

## Eccentric Plug Valves



VME resilient seated eccentric plug valves are quarter turn valves designed in accordance with EN/ISO/ AWWA standards to handle isolation applications in wastewater, sewage, sludge, slurries and other abrasive fluids.

Plug Valves are offered in full port and Eccentric design to reduce the friction and also zero leakage can be achieved. The plug is fully encapsulated and the valve is coated with fusion bond epoxy powder internally and externally to protect from exposure to corrosion

DN 80 to DN 300  
Working Pressure: 10 bar & 16 bar

### Standard Compliance

Design: AWWA C517  
End Connection: EN1092-2  
Testing: EN12266  
Face to Face: EN558 / ISO5752

### Materials

Body: Ductile Iron  
Plug: SS316+NBR  
Seal: NBR



*"Our eccentric plug valves, are of robust design and have the ability to provide tight shutoff even in applications that contain high concentration of solid waste material"*

A large, light gray watermark of a stylized valve logo is centered in the background. The logo consists of a large circle with a smaller circle inside it, and a central shape resembling a valve stem or a similar mechanical part. The background is split diagonally from the bottom left to the top right, with a dark blue area on the left and a white area on the right.

## VME VALVES FACTORY LLC

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