



VectorFlow

Complete Piping Solutions

COMPLETE RANGE OF VALVES, PIPES & FITTINGS FOR:

- Marine & Ship Building
- Industrial & Manufacturing
- Oil & Gas (Onshore & Offshore)
- Water Treatment Solutions



VECTORFLOW VALVES TRADING LLC

Your Trusted Supplier of Valves, Pipes & Fittings

With 12+ years of expertise, we deliver high-quality valves, pipes & fittings to the Marine, Oil & Gas, Industrial, and Water Treatment sectors.

Our 22,000 sq. ft. facility houses stocking, fabrication, & in-house testing to ensure ready availability & uncompromised quality.

Committed to reliability, safety, & on-time delivery, we provide solutions that keep your systems running efficiently.

Valves, Fittings, And Accessories

1. Globe Valves
2. Angle Valves
3. Gate Valves
4. Butterfly Valves (Wafer, Flanged, Lug, Center Handle & Semi-Lug type)
5. Storm Valves
6. Hose Valves
7. Quick Closing Valves
8. Air Vent Heads
9. Single And Dual Plate Check Valves
10. Screwed Valves
11. Pressure Reducing Valves (PRV)
12. Pressure Safety Valves (PSV)
13. Y-Strainers
14. Mud Boxes
15. Rubber Expansion Joints
16. DRV (Double Regulating Valves)
17. Flanges (JIS, DIN, ANSI Standards)
18. Elbows
19. Concentric & Eccentric Reducers
20. Other pipe fittings (Nipples, Unions, couplings, cross, tees and plugs).

Pipes

- Seamless Pipes (CS, SS)
- Welded Pipes (ERW / EFW / LSAW) (CS,SS)

Certifications Available in Valves

- ABS Class Approval and ABS Type Approval Certificates.
- Bureau Veritas Foundry Approvals and Certifications.
- Lloyd's Register Foundry Approvals and Certifications.
- DNV Foundry Approvals and Certifications.

Material Availability

- Cast Iron
- Ductile Iron
- Cast Steel
- Forged Steel
- Stainless Steel
- Bronze
- Brass

Value-Added Services

- Automation Of Actuation (Pneumatic, Hydraulic, And Motorized Valves).
- Testing Of Valves (In-House and Third-Party).
- Turning And Facing Operations.
- Boring, Drilling, And Threading.
- Custom Fabrication of Pipe Fittings.





GLOBE & ANGLE VALVES

Precise flow control with zero leakage.

Benefit: Ideal for throttling applications, ensuring smooth and accurate regulation.

- Available Materials:- Cast Iron, Ductile Iron, Cast Steel, Forged Steel, Stainless Steel, Bronze & Brass.
- Available Sizes:- 1/4" to 14"
- Available Standards:- JIS, DIN & ASME
- Available End Connections:- Flanged & Screwed



GATE VALVES

Rugged shut-off solution for full flow.

Benefit: Minimal pressure loss, perfect for on/off service.

- Available Materials:- Cast Iron, Ductile Iron, Cast Steel, Forged Steel, Stainless Steel, Bronze & Brass.
- Available Sizes:- 1/4" to 14"
- Available Standards:- JIS, DIN & ASME
- Available End Connections:- Flanged & Screwed



BUTTERFLY VALVES

Lightweight and quick-operating quarter-turn valves.

Benefit: Easy installation, low maintenance, and cost-effective for large sizes.

- Available Materials:- Carbon Steel, Ductile Iron, Cast Iron & SS304 / SS316
- Available Sizes:- 1.5" to 24"
- Available Standards:- JIS, DIN & ASME
- Available End Connections:- Wafer Type, Lug Type, Semi Lug Type, Double Flange Type & Centre Handle Type



HOSE VALVES

Robust design for shipboard hose connections.

Benefit: Easy deck operation with reliable sealing.

- Available Materials:- Cast Iron, Bronze & Brass
- Available Sizes:- 0.5" to 2.5"
- Available Standards:- JIS, DIN & ASME
- Available End Connections:- Flanged, Storz & Naka Jima





AIR VENTS

Efficiently release air while blocking seawater entry.

Benefit: Enhances tank safety, prevents contamination, and ensures smooth system operation.

- Available Materials:- Cast Iron
- Available Sizes:- 2" to 16"
- Available Standards:- JIS, DIN (Regular & Nikura)
- Available End Connections:- Flanged



STORM VALVES

Closes automatically to block seawater backflow.

Benefit: Safeguards tanks and piping systems, preventing flooding and costly damage.

- Available Materials:- Cast Steel
- Available Sizes:- 2" & 8"
- Available Standards:- JIS & DIN
- Available End Connections:- Flanged



SCREWED VALVES

Compact, threaded-end valves for reliable flow control and shut-off.

Benefit: Easy to install, space-saving, and ideal for small pipelines and localized applications.

- Available Materials:- Bronze, SS & Brass
- Available Sizes:- 1/8" to 4"
- Available Standards:- JIS, DIN & ASME
- Available End Connections:- Screwed (NPT & BSPT)



BALL VALVES

Quarter-turn valves offering quick and tight shut-off.

Benefit: Simple operation, minimal pressure drop, and long service life with low maintenance.

- Available Materials:- Brass, Bronze, SS & Carbon Steel
- Available Sizes:- 1/8" to 8"
- Available Standards:- JIS, DIN & ASME
- Available End Connections:- Screwed, Flanged





MUDBOXES

Heavy-duty strainers designed for marine and industrial systems.
Benefit: Capture large debris, protect pumps and valves, and ensure uninterrupted flow.

Available Materials:- Cast Iron
Available Sizes:- 1.5" to 8"
Available Standards:- JIS, DIN & ASME
Available End Connections:- Flanged



CHECK VALVES

Automatic valves that allow flow in one direction only.
Benefit: Prevent reverse flow, protect pumps and equipment, and maintain system efficiency.

Types:- Dual Plate Check, Lift Check, Swing Check & Flap Check
Available Materials:- Cast Iron, Cast Steel Bronze, Brass & SS
Available Sizes:- 1/8" to 12"
Available Standards:- JIS, DIN & ASME
Available End Connections:- Screwed & Flanged



Y STRAINERS

Angled strainer for efficient removal of dirt and particles from pipelines.
Benefit: Protects pumps, valves, and equipment, reducing wear and extending service life.

Available Materials:- Carbon Steel, Stainless Steel, Cast Iron, Ductile Iron, Bronze & Brass
Available Sizes:- 0.5" to 14"
Available Standards:- JIS, DIN & ASME
Available End Connections:- Flanged, Screwed



QUICK CLOSING VALVES

Spring-loaded valves that shut off flow instantly in emergencies.
Benefit: Rapid response to prevent flooding or damage, enhancing crew safety and protecting equipment.

Available Materials:- Ductile Iron, Cast Steel and Bronze
Available Sizes:- 1" to 6"
Available Standards:- JIS, DIN and ASME
Available End Connections:- Flanged



We can provide other speciality valves and fittings upon request.



WELDED AND SEAMLESS PIPES

SEAMLESS PIPES

Applications: Fuel oil lines, boiler & steam systems, flowlines, and high-pressure pipelines.

Materials: Carbon Steel, Alloy Steel, Stainless Steel.

Specifications & Grades:

- ASTM/ASME A106 Gr. B, A53 Gr. B, A333 Gr. 6
- API 5L B, X42, X52
- ASTM/ASME A312 TP304/304L, TP316/316L
- NACE MR-0175

Benefits: High strength, no weld seam, reliable in critical service.



WELDED PIPES (ERW / EFW / LSAW)

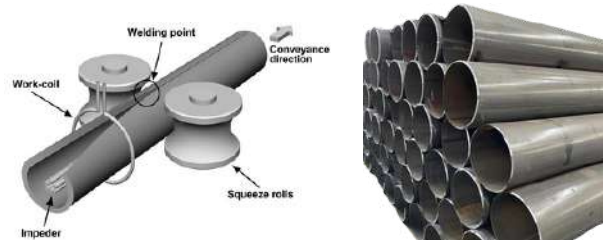
Applications: Utility lines, ballast systems, process piping, fire-fighting, and water distribution.

Materials: Carbon Steel, Stainless Steel.

Specifications & Grades:

- ASTM/ASME A53 Gr. B
- API 5L B, X42, X52
- ASTM/ASME A358 TP304/304L, TP316/316L
- NACE MR-0175

Benefits: Economical, consistent wall thickness, smooth internal bore.



COMPLETE RANGE OF PIPE FITTINGS



Blind Flanges



Slip On Flanges



Weld Neck Flange



Socket Weld Flange



Threaded Flanges



Lap joint flanges



Ring type joint flanges



90° Elbow
(Long Radius & Short Radius)



45° Elbow
(Long Radius & Short Radius)



Concentric &
Eccentric Reducers



Metal Expansion



Reducing & Equal Tees



HEX Nipple



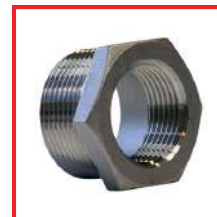
Barrel & Close Nipples



Pipe Caps



Rubber Expansion Joints



Bushings



AND
MANY
MORE....



We provide complete actuation and automation solutions.

Types of Actuation:



ELECTRIC ACTUATORS

- Remote or automated operation
- On/Off or modulating control
- Ideal for process automation



PNEUMATIC ACTUATORS

- Fast, reliable actuation
- Cost-effective for high-cycle use
- Safe in explosive environments



HYDRAULIC ACTUATORS

- Compact and powerful
- High torque for demanding valves
- Excellent for subsea and offshore

Actuated Valves:

Ball Valves:- Quick quarter-turn shut-off

Butterfly Valves:- Lightweight, economical control

Gate Valves:- Reliable isolation

Globe Valves:- Precise throttling and regulation

Key Benefits:

- Reduced Downtime:- Quick response and reliable actuation
- Safety & Compliance:- Designed for critical applications
- Versatile Applications:- Onshore, offshore, and industrial systems
- Improved Process Control:- Seamless integration with PLC/SCADA




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