ABOUT US

KAVAL is a Canadian valve fabricator, providing customers with gate, globe, check, as well as floating and trunnion ball valves, etc. of a complete range of sizes and ratings for industries oil and gas production, chemistry, power generation, metallurgy industry, sugar industry, etc.

KAVAL is ISO 9000 certified and valve designs meet relevant standards such as API 6D, API 600, API 594, ASME B16.34, CSA Z245.15, and tested as per API 598, API 6D, API 607, etc.. Our products meet the most stringent requirement in quality, pricing, delivery and services by our customers.

Our international team is composed of experts of valve design, valve manufacture, material production, oil and gas production, EPC, etc. Based on know-how and know-why, we provide our clients with result-oriented flow control solutions for their projects, including selection of materials, specification of valves, etc. rather than only valve products, to meet the client particular applications. Our experienced staff, high standards of excellence, expertise in problem solving and variety of our products will provide our clients with fully satisfaction.

KAVAL'S COMMITMENT

· Guaranteed Quality
· International Standards
· Quick Delivery
· Best Service
· Competitive Price

DESIGN FEATURES

Gate, globe and check valve

· Solid, flexible or split wedge
· Manually or Actuator operated
· Repairability Performance, Non-penetrate Disc shaft for check valve, improved flow coefficient
· Low emission

Ball valves

· Double block and bleed
· Low open/close torque, double or single piston effect seat design
· Anti-static and stem blow-out proof
· Fire proof design

APPLICABLE STANDARDS

· Face to face dimension: ASME B16.10, DIN EN 557 (upon request)
· Flange: ASME B16.5, B 16.47, DIN EN 1092 (upon request)
· Butt weld end bevel: ASME B16.25
· Surface quality of castings: MSS SP-55
· Marking: MSS SP-25
· NDE: ASME B16.34 Sec. 8 (upon request)
· CSA Z245.15 (as per PO specification)
· NACE MR0175/ISO15156 compliance

KAVAL MECHANICS

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SOLUTIONS FOR FLOW CONTROL

KAVAL MECHANICS

www.kaval.ca

Casting Floating Ball Valve

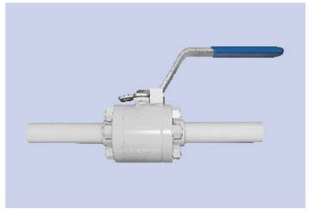
- In accordance with API 608, BS 5352
- Bolted body, Full&Reduced bore
- Flanges in accordance with ASME B16.5
- F to F in accordance with ASME B16.10
- Anti-Static, Blow out proof stem, fire safe design

Size:	From 1/2" to 8"
Class:	ANSI 150 to 600
Material:	Carbon Steel, Stainless Steel
Trim:	Carbon Steel, Stainless Steel
Operation:	Lever, Gear, Actuator

Trunnion Ball Valve

- In accordance with API 6D
- Bolted body,Full &Reduced bore
- Flanges in accordance with ASME/ANSI B16.5,B16.47
- F to F in accordance with API 6D
- Anti-Static, Blow out proof stem, fire safe design

Size:	From 2" to 48"
Class:	ANSI 150 to 2500
Material:	Carbon Steel, Stainless Steel
Trim:	Carbon Steel, Stainless Steel
Operation:	Lever, Gear, Actuator



SW/NPT Flaoting Ball Valve

- In accordance with API 608, BS 5352
- Bolted body,Thread Body
- Ends in accordance with ASME/ANSI B16.11/B 1.20.1
- F to F in accordance with KAV standard
- Anti-Static, Blow out proof stem, fire safe design

Size:	From 1/2" to 2"
Class:	ANSI 2000psi to 6000psi
Material:	Carbon Steel, Stainless Steel
Trim:	Carbon Steel, Stainless Steel
Operation:	Lever, Gear, Actuator

Casting Gate Valve

- In accordance with API 600
- Bolted bonnet,Pressure seal bonnet
- Ends in accordance with ASME/ANSI B16.5,B16.47
- F to F in accordance with ASME/ANSI B16.10
- Fugitive emissions control

Size:	From 2" to 60"
Class:	ANSI 150 to 2500
Material:	Carbon Steel, Stainless Steel,Alloy Steels
Trim:	In accordance with API 600
Operation:	H.W, Gear, Actuator

Forged Gate Valve

- In accordance with API 602
- Bolted bonnet,Pressure seal bonnet,welded bonnet
- Ends in accordance with ASME B16.5/ B16.11/B 1.20.1
- F to F in accordance with KAV standard
- Fugitive emissions control

Size:	From 1/2" to 2"
Class:	ANSI 150 to 2500
Material:	Carbon Steel, Stainless Steel,Alloy Steels
Trim:	In accordance with API 600
Operation:	H.W

Casting Globe Valve

- In accordance with ASME B16.34/BS 1873
- Bolted bonnet,Pressure seal bonnet
- Ends in accordance with ASME/ANSI B16.5
- F to F in accordance with ASME/ANSI B16.10
- Fugitive emissions control

Size:	From 2" to 20"
Class:	ANSI 150 to 2500
Material:	Carbon Steel, Stainless Steel,Alloy Steels
Trim:	In accordance with API 600
Operation:	H.W, Gear, Actuator

Forged Globe Valve

- In accordance with API 602
- Bolted bonnet,Pressure seal bonnet,welded bonnet
- Ends in accordance with ASME/ANSI B16.11/B 1.20.1
- F to F in accordance with KAV standard
- Fugitive emissions control

Size:	From 1/2" to 2"
Class:	ANSI 150 to 2500
Material:	Carbon Steel, Stainless Steel,Alloy Steels
Trim:	In accordance with API 600
Operation:	H.W

Casting Check Valve

- In accordance with BS 1868,API 6D
- Bolted Cover ,Pressure seal bonnet
- Ends in accordance with ASME/ANSI B16.5
- F to F in accordance with ASME/ANSI B16.10
- Swing and Pistom Type

Size:	From 2" to 48"
Class:	ANSI 150 to 2500
Material:	Carbon Steel, Stainless Steel,Alloy Steels
Trim:	In accordance with API 600
Operation:	N.A

Forged check Valve

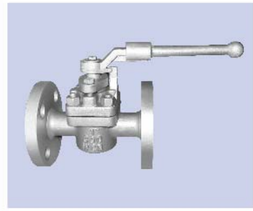
- In accordance with API 602
- Bolted Cover ,Pressure seal bonnet,welded bonnet
- Ends in accordance with ASME/ANSI B16.11/B 1.20.1
- F to F in accordance with KAV standard
- Swing and Piston Type

Size:	From 1/2" to 2"
Class:	ANSI 150 to 2500
Material:	Carbon Steel, Stainless Steel,Alloy Steels
Trim:	In accordance with API 600
Operation:	N.A

Wafer Check Valve

- In accordance with API 594
- Dual plate, Single plate
- Ends in accordance with ASME B16.5
- F to F in accordance API 594
- Metal seat or soft seat

Size:	From 2" to 48"
Class:	ANSI 150 to 2500
Material:	Carbon Steel, Stainless Steel,Alloy Steels
Trim:	In accordance with API 600
Operation:	N.A



Plug

- In accordance with ASME B16.34,API 599,API 6D
- Self-Lubrucated, Pressure Balance Lubricated
- Ends in accordance with ASME/ANSI B16.5
- F to F in accordance with ASME/ANSI B16.10
- Anti-Static, fire safe design, low torque

Size:	From 1" to 24"
Class:	ANSI 150 to 900
Material:	Carbon Steel, Stainless Steel,Alloy Steels
Trim:	Carbon Steel, Stainless Steel,Alloy Steels
Operation:	Lever, Gear, Actuator

Butterfly

- In accordance with API 609
- Concentroc, double offset, triple offset
- Ends in accordance with API 609
- F to F in accordance with API 609
- Metal seat or soft seat

Size:	From 2" to 48"
Class:	ANSI 150 to 600
Material:	Carbon Steel, Stainless Steel
Trim:	Carbon Steel, Stainless Steel
Operation:	Lever, Gear, Actuator

Strainer

- In accordance with B16.34
- Bolted body, Y type, T type
- Ends in accordance with ASME B16.5
- F to F in accordance with ASME B16.10

Size:	From 2" to 16"
Class:	ANSI 150 to 600
Material:	Carbon Steel, Stainless Steel
Trim:	Carbon Steel, Stainless Steel
Operation:	N.A