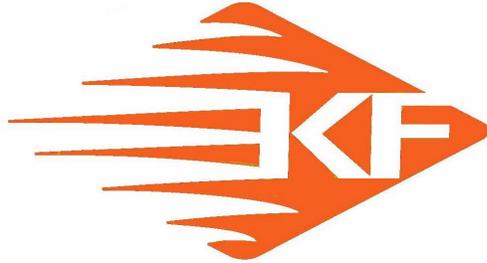


KF Valves

Product Summary



About KF Valves

KF Valves is a global manufacturer of highly engineered valve and pipeline products that continuously develops precision technologies to improve our customers' ability to control the flow of the world's natural resources — from sub-sea to land, and in severe environments.

For over 60 years, KF Valves and its market-leading brands have been delivering customer-focused, product and service solutions for the world's most demanding energy applications – with an emphasis in the upstream oil and gas, midstream oil and gas, and petrochemical processing industries.

Our Quality Commitment

We're dedicated to providing our customers with technically superior products that are designed, manufactured & tested to the exacting standards of various qualifying authorities.

Other additional non-destructive or destructive examination may be performed to customer requirements or specifications.

When it comes achieving customer and industry goals for reliability, durability and structural integrity, KF Valves delivers.

KF Valves

Ball Valves | Floating

Threaded & Grooved-End Floating Ball Valves
Series A, AH, C, CH, CXH, CA, CAH, E, EH & EC

Commodity Ball Valves
Series HC-730, 740 & 710, HS-810 & 820 & HB-600

Threaded Bolted Body, Series AF, AFH, CF, CFH & CFXH
Series B, BH & W

Flanged End, Series FE

Ball Valves | Trunnion Mounted

3-Piece Series M3, 2-Piece Series FAE,
Top Entry Series T

Check Valves

Wafer Series 10, 12, 18, 20, Threaded Series 31, Flanged Series 35,
Piston Series 50, Ball Series 60

Needle Valves & Isolator Valves

Needle Valve, Packed & O-Ring Style

Isolator Valve, Threaded

KF Valves

Product Summary



KF Threaded & Grooved-End Floating Ball Valves

Features

- > Full & Reduced Port
- > Threaded & Grooved End Connections
- > External Grease Fitting
- > Weather Seal (Stem)
- > Fire Safe Designed
- > Blowout Proof Stem Design
- > Heavy Duty Flatted Stem Design
- > Metal-To-Metal Fire Safe Sealing
- > Integral Locking Device
- > Manual Operation Handle

Optional Features

- > Antistatic Device
- > Valves Specified with Stainless Steel Trim Meet NACE MR0175/ISO 15156
- > Anti Freeze Option Available

Series A



Series A & AH

Ductile Iron Body

Series A-1"FP-4"RP, 1000-1500 psi

Series AH-1"FP-3"RP, 1500-2000 psi

Series C



Series C, CH & CXH

Carbon Steel Body

Series C-1"FP-4"FP, 1000-2500 psi

Series CH-1"FP-4"FP, 2000-3000 psi

Series CXH-1"FP-2"RP, 5000 psi

Series CA & CAH

Carbon Steel Body

2-³/₈"EUE X 2¹/₁₆"Bore & 2⁷/₈"EUE X 2⁹/₁₆" Bore

Series CA-1000-2000 psi

Series CAH-3000 psi

Series E



Series E, EH & EC

Series E-Ductile Iron Body, 2"RP-4"RP, 750 CWP

Series EH-Ductile Iron Body, 2"RP-4"RP, 1000 CWP

Note: Padlocks not included

KF Commodity Ball Valves

Features

- > 2-Piece & Unibody, Cast, Investment Cast & Bar Stock Body
- > Designed for Hydraulic Hook-Ups, Offshore Applications, Well Heads, Production Lines, Petroleum & Chemical Plant Applications
- > Reinforced PTFE Seats
- > Blowout Proof Stem
- > Optional Locking Device
- > Fire Safe Designed

Series HS-820



Series HC740



Series HB610



Series HC-730, 740 & 710, HS-810, 820 & HB-600

HC-730-Carbon Steel Unibody, 1/2"-2", 1500-2000 CWP

HC-740-Carbon Steel 2-Piece, 1/4"-2", 1500-2000 CWP

HC-710/HS-810-Carbon & Stainless Steel Unibody, 1/4"-2", 2000 CWP

HS-820-Stainless Steel Seal Welded 2-Piece, 1/4"-2", 2000 CWP

HB-600-Bronze 2-Piece

1/4"-4", 400-600 CWP

KF Floating Threaded Bolted Body Ball Valves

Features

- > Full & Reduced Port
- > Threaded End Connections
- > Bolted Body Adapter
- > External Grease Fitting
- > Weather Seal (Stem)
- > Fire Safe Designed
- > Blowout Proof Stem Design
- > Heavy Duty Flatted Stem Design
- > Metal-To-Metal Fire Safe Sealing
- > Integral Locking Device
- > Manual Operation Handle

Series AF



Series AF & AFH

Ductile Iron Body

Series AF-2"RP-4"RP, 1000-1500 psi

Series AFH-2"RP-3"RP, 2000 psi

Series CFXH



Series CF, CFH & CFXH

Carbon Steel Body

Series CF-2"RP-4"FP, 1500-2500 psi

Series CFH-2"RP-4"FP, 3000 psi

Series CFXH-2"RP & 2"FP, 5000 psi

Optional Features

- > Antistatic Device
- > Valves Specified with Stainless Steel Trim Meet NACE MR0175/ISO 15156

KF Threaded End Floating Ball Valves

Features

- > Full & Reduced Port Threaded, Socked Weld and Male End Connections Available
- > Packed Style Stem
- > Blowout Proof Stem Design
- > Heavy Duty Flatted Stem Design
- > Metal-To-Metal Fire Safe Sealing
- > Manual Operation Handle

Optional Features

- > Antistatic Device
- > Valves Specified with Stainless Steel Trim Meet NACE MR0175/ ISO 15156

Series B



Series B & BH | 3-Piece Design

Carbon, Stainless Steel Body

Series B-1/4"FP-2"RP, 2250-3000 psi

Series BH-1/4"FP-1"FP, 5000 psi

Series W



Series W

Carbon or Stainless Steel Body

1/4"FP-2"RP, 1500-2000 CWP

KF Flanged End Floating Ball Valves

Features

- > NACE MR0175/ISO 15156 (SS Ball /Stem Configuration)
- > Weather Seal (Class 600 & Higher)
- > Actuator Mounting Pad (4 Bolt Machined)
- > Fire Safe Designed
- > API 6D Monogrammed
- > Secondary Metal-to-Metal Sealing
- > Full Rated Bi-Directional Dead End Service
- > Antistatic Device (Class 150 & 300)
- > Lockable Handle

Series FE



Series FE

Carbon or Low Temp Carbon Steel Body

1"FP-8"RP, ANSI Class 150, 300, 600, 900 & 1500

KF Trunnion Mounted Ball Valves

Features

- > Double Block & Bleed
- > Blowout Proof Stem Design
- > Corrosion Resistant Low Friction Bearings
- > Inconel Wave Springs Assist in Low Pressure Sealing
- > Fire Safe Designed
- > Stainless Steel Injection Fittings for Emergency Stem or Seat Sealant & Lubrication Maintenance
- > Antistatic Grounding Between Ball, Stem & Body
- > NACE MR0175/ISO 15156
- > 8" & Larger Valves are Equipped with Lifting Lugs*
- > Bi-Directional
- > Double Piston and Self-Relieving Designs Available
- > API 6D

**Not applicable for series T and FAE.*

Series M3



Series M3 | 3-Piece Design

3-Piece Carbon Steel, Low Temp Carbon Steel or Stainless Steel Body

14"FP-24"FP, ANSI Class 150 & 300

2"FP-36"FP, ANSI Class 600

2"FP-24"FP, ANSI Class 900

2"FP-12"FP, ANSI Class 1500 & 2500

Series FAE



Series FAE | 2-Piece Design

2-Piece Carbon Steel, Low Temp Carbon Steel

2"FP-12"FP ANSI Class 150 & 300

Series T



Series T Top Entry (Inline Repairable)

Top Entry One-Piece Carbon Steel or Low Temp Carbon Steel

2"FP-12"FP, ANSI Class 600

2¹/₁₆"FP-7¹/₁₆"FP, API 2000, 3000 & 5000

KF Check Valves

Features/ Options

- > Long Pattern
- > Short Pattern
- > Single Disc
- > Internal Spring Assist
- > Spring Assist
- > External Spring Assist

Specifications

- > ANSI B16.34
- > ANSI B16.5
- > API 6D (Monogrammed)
- > API 594
- > NACE MR0175/ISO 15156

Series 10



Series 10

2"-12", ANSI Class 150, 300, 600, 900, 1500 & 2500

Wafer Long Pattern Single Disc, Internal Spring Assist

NACE MR0175/ISO 15156 & CE Mark

Series 12



Series 12

2"-12", ANSI Class 150, 300, 600, 900 & 1500

Wafer Short Pattern

Single Disc, No Spring Assist

Series 18



Series 18

4"-12", ANSI Class 125 & 150

Wafer Style, External Spring Assist w/Back Flush Lever

ANSI B16.1 & ANSI B16.5

Series 20



Series 20

2"-24", ANSI Class 125 & 150

Wafer Semi-Lug Single Disc External Spring Assist,

ANSI B16.1 & ANSI B16.47

Series 31



Series 31

1"-4", MOP 300, 750, 2200, 3000 & 5000 psi

Threaded and Grooved Ends, Single Disc,
No Spring Assist

NACE MR0175/ISO 15156

Series 35



Series 35

2"-12", ANSI Class 150, 300, 600

Flanged End, Long Pattern, Single Disc

ANSI B16.34, API 6A, API 6D (Monogrammed),
API 594, Fire Safe Designed, CE Mark, NACE
MR0175/ISO 15156

Series 50



Series 50

2"-8", ANSI Class 300, 600 & 900

Spring Assisted Closure,
Precisely Metered Piston Orifice

ANSI B16.34 & ANSI B16.5

Series 60



Series 60

Threaded Horizontal or Vertical "Upflow" Installation.
Gravity Return Eliminates Need for Ball Return Spring.

1" & 2" MOP 1000-5000 psi

KF Needle Valves

Features

Packed Bonnet Style

- > Available in Hard & Soft Seat for Pressures Up to 10,000 psi
- > Stainless Steel Stem & Teflon® or Grafoil® Packing
- > Optional Grafoil® Packing for Temperatures Up to 1000°
- > NACE MR0175/ISO 15156 Conformance Available

O-Ring Style

- > Accurate Regulation at Pressures Up to 6000 psi for Soft Seat & 10,000 psi for Metal Seat
- > Temperature Limit 400 °F
- > NACE MR0175/ISO 15156 Conformance Available



O-Ring Style Needle Valve

Packed Bonnet & O-Ring Style Needle Valves

Carbon or Stainless Steel Body

Packed Bonnet -1/4"-1" NPT, Up to 10,000 psi

O-Ring -1/4"-1/2" NPT, Soft Seated, Up to 6000 psi, Metal Seated, Up to 10,000 psi



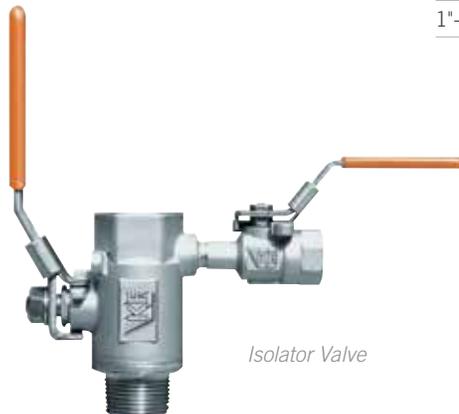
Packed Style Angle Valve

O-Ring Style Gauge Valve

KF Isolator Valves

Features

- > Enables Isolation of the Safety Relief Valve from the Pressure Source for Relieving Set Point Verification Without Shutdown or Removal
- > Latch-Lock Handles on Isolator & Test Port Valve
- > Seal Welded Body & Test Port Valve



Isolator Valve

KF Isolator Valves

Carbon or Stainless Steel Body

1"-2" NPT, 1500-5000 psi

Contromatics

Product Summary



Contromatics Ball Valves

Features

- > Unibody Construction
- > Bottom Loaded Blowout Proof Stem
- > 125 WSP Steam Rating Adjustable
- > Packing Gland
- > Double Reduced Port
- > Oval Handles (Optional)
- > 316 Stainless Steel Ball & Stem (Optional)

Specifications

- > MSS SP-110
- > ANSI B1.20.1

Series 6100-M3



Series 6100-M3

Bronze Body
1/4"-2", 600 WOG, NPT Ends

Features

- > Full Port Thru 3"
- > 150 WSP Steam Rating
- > Bottom Loaded Blowout Proof Stem
- > Adjustable Packing Gland
- > Oval Locking Handles (Optional) 316
- > Stainless Steel Ball & Stem (Optional)
- > UL & CSA Approved*
- *Lever Locking Handle (Standard 1/4"-2")

Specifications

- > MSS SP-110
- > ANSI B1.20.1

Certified

- > CRN
- > UL
- > CGA 3.16

Series 6000-M3



Series 6000-M3

Bronze Body
1/4"-4", 600 WOG, NPT Ends

Contromatics Ball Valves

Features

- > Full Port
- > Locking Handle Standard
- > Bottom Loaded Blowout Proof Stem
- > Adjustable Packing Gland
- > ISO 5211 4-Bolt Mounting Pad 316
- > Stainless Steel Trim Standard
- > Positive Grounding
- > 150 WSP Steam Rating

Series 8000-M3



Series 7000-M3 & Series 8000-M3

7000-Carbon Body/Stainless Trim

8000-All Stainless Construction

1/4"-2", 2000 WOG, NPT Ends

Specifications

- > ANSI B1.20.3
- > MSS SP-110
- > ISO 5211
- > NACE MR0175/ISO 15156

Certified

- > CE 1 1/4" & Larger
- > CRN# OC 7841.50126789
- > CSA 6.5
- > CGA 3.16

Features

- > Unibody Construction
- > 316 Stainless Steel Trim Standard
- > Locking Handle Standard
- > Bottom Loaded Blowout Proof Stem
- > Positive Grounding
- > 150 WSP Steam Rating
- > Oval Locking Handle (Optional)
- > Adjustable Packing Gland

Series 8100-M3



Series 7100-M3 & 8100-M3

7100-Carbon Body/Stainless Trim

8100-All Stainless Construction

1/4"-2", 2000 WOG, NPT Ends

Specifications

- > ANSI B1.20.3
- > MSS SP-110
- > NACE MR0175/ISO 15156

Certified

- > Fire Safe Designed & Tested to:
API 607 4th Edition
- > CRN# OC 7841.50126789
- > CE 1 1/4" and Larger (Optional)

Features

- > Full Port
- > 2-Piece Seal Welded Construction
- > 316 Stainless Steel Trim Standard
- > Locking Handle Standard
- > Bottom Loaded Blowout Proof Stem
- > Adjustable Packing Gland
- > ISO 5211 4-Bolt Mounting Pad
- > Positive Grounding
- > 150 WSP Steam Rating

Series 8200-M3



Series 7200-M3, 8200-M3

7200-Carbon Body/Stainless Trim

8200-All Stainless Construction

1/4"-2", 2000 WOG, NPT Ends

2 1/2"-4", 1500 WOG, NPT Ends

Specifications

- > ANSI B1.20.3
- > MSS SP-110
- > AAR
- > ISO 5211
- > NACE MR0175/ISO 15156

Certified

- > CE 1 1/4" & Larger
- > CRN# OC 7841.50126789

Contromatics Ball Valves

Features

- > 3-Piece Construction
- > Operating Pressures to 4500 PSI with Optional Trim Materials
- > All Wall Thicknesses Comply with ANSI B16.34 Class 1500
- > Bottom Loaded Blowout Proof Stem
- > Adjustable Packing Gland
- > Positive Grounding
- > Drilled & Tapped for Actuator Mounting
- > Oval & Locking Handles (Optional)
- > Various Seat Options

Series 8350



Series 8351



Series 7300 & 8300

7300-Carbon Body/Stainless Trim

8300-All Stainless Construction

$\frac{3}{4}$ "-2", 1500 WOG, Reduced Port, NPT,

Socket Weld

$\frac{1}{4}$ "-2", 1500 WOG, Full Port, NPT, Socket

Weld

Specifications

- > ANSI B1.20.3
- > ANSI B16.11
- > ANSI B16.25
- > ANSI B16.34
- > API 598
- > Fire Safe Designed & Tested to: API 607 4th Edition
- > ASME B31.1
- > NACE MR0175/ISO 15156

Certified

- > CRN# OC 7841.50126789
- > CE $1\frac{1}{4}$ " & Larger
- > CGA 3.16

Contromatics Pneumatic Actuators

Features

- > Rack & Pinion Design
- > Fully Encapsulated Springs for Safety
- > Mounting Dimensions to ISO 5211
- > Hard Anodized Extruded Aluminum Body Painted with Powder Epoxy Polyester Paint
- > Nickel Plated & Stainless Steel Units (Optional)
- > Double Travel Stops Standard
- > Easily Converted from Double Acting to Spring Return
- > Accessory Mounting Dimensions to NAMUR Specifications
- > -10°F to 195°F Optional -55°F to 250°F

Series PA



ISO 5211 Mounting Pattern



Series PA/PAS M6

Pneumatic, 15 Sizes,
In 90° & 180° Rotation

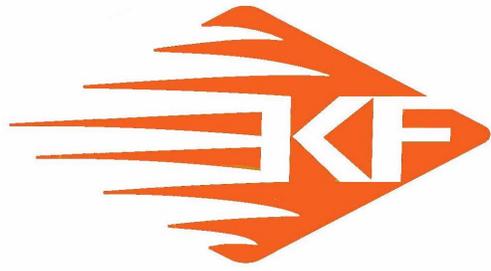
From 200 in./lbs. to 37,200 in./lbs.

Specifications

- > ISO 5211
- > NAMUR

Certified

- > CGA 6.5
- > Factory Mutual



KF Valves

Excellence In Flow Control

Asia | Europe | MiddleEast | NorthAmerica | SouthAmerica

KF Valves LLC is a market-leading, global provider of integrated flow control solutions, specializing in the manufacture of highly engineered valves for critical applications in the oil and gas, power generation, and process industries.

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