



Valve Index



SPLIT BODY, HIGH PERFORMANCE, FLANGED END BALL VALVES

2-PC Body, Flanged, Bracket Mount

KV-040 Series, KV-060 Series (Fire Safe)

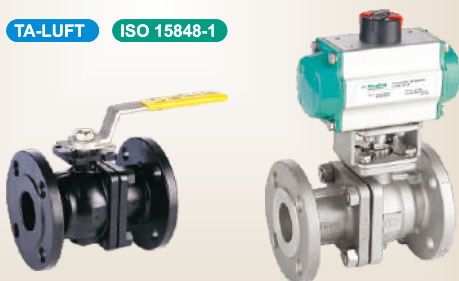
- Size: 1/2" ~ 4"
- Body: CF8M / CF8 / WCB / Other Alloys
- Seats: TFM 1600 / PTFE / RTFE / EK+PTFE / PEEK
- Pressure: ASME Class 150, 300, 600, PN10~40, JIS 10K, 20K
- Full Port, Floating Ball Type
- ISO 5211 Bracket Mounting Pad



Fire Safe

TA-LUFT

ISO 15848-1



2-PC Body, Flanged, Direct Mount

KV-L40 Series, KV-L60 Series (Fire Safe)

- Size: 1/2" ~ 8"
- Body: CF8M / CF8 / WCB / Other Alloys
- Seats: TFM 1600 / PTFE / RTFE / EK+PTFE / PEEK
- Pressure: ASME Class 150, 300, PN10~40, JIS 10K, 20K
- Full Port, Floating Ball Type
- ISO 5211 Direct Mounting Pad



Fire Safe

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WAFER TYPE BALL VALVES

Wafer Type, Flanged

KV-071 (ANSI Class 150), Bracket Mount
KV-L7N/K, KV-L-7N/KF (Fire Safe), Direct Mount

- Size: 1/2" ~ 6"
- Body: CF8M / CF8 / WCB / Other Alloys
- Seats: TFM 1600 / PTFE / RTFE
- Pressure: ASME Class 150 / PN10~40
- Full Port, Floating Ball Type
- ISO 5211 Mounting Pad



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2-PC BODY, FLANGE, DIRECT MOUNT, API-608 COMPLIANCE

2-PC Body, Flanged, Direct Mount , API-608 Compliance

KV-L441/L442 ,
KV-L641/L642 (Fire Safe)

- Size: 1/2" ~ 8"
- Body: CF8M / CF8 / WCB / Other Alloys
- Seats: TFM 1600 / PTFE / RTFE / EK+PTFE / PEEK
- Pressure: ASME Class 150, 300
- Full Port, Floating Ball Type
- ISO 5211 Direct Mounting Pad
- Adjustable and live-loaded stem packing



Fire Safe

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MULTI-WAY BALL VALVES

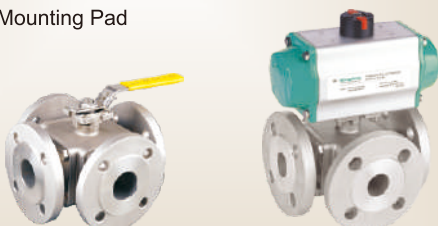
3&4 Way, Flanged End, Side-Entry or Top-Entry, Direct Mount

KV-L5K, KV-L5N, KV-L5U, KV-L5S-(Full Port)
KV-L5K(I), KV-L5N(I), KV-L5U(I), KV-L5S(I)-(Reduced Port)

- Size: 1/2" ~ 8" (5" ~ 8" Top-Entry)
- Body: CF8M / CF8 / WCB / Other Alloys
- Seats: TFM 1600 / PTFE / RTFE
- Pressure: ASME Class 150, 300, PN10~40, JIS 10K / 20K
- Thread, BW, SW Ends are Available
- Full & Reducing (L / T / X Port), Floating Ball Type
- ISO 5211 Direct Mounting Pad



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3-Way, 1000WOG, Threaded End, Direct Mount

KV-L50, KV-L51, KV-53, KV-54

- Size: 1/2" ~ 2"
- Body: CF8M / CF8 / WCB / Other Alloys
- Seats: TFM 1600 / PTFE / RTFE
- Pressure: 1000WOG
- Full Port & Reduced Port, Floating Ball Type
- ISO 5211 Direct Mounting Pad



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HIGH PERFORMANCE TYPE 1000 ~ 2000 WOG BALL VALVES

2-PC Body, 1000~2000 WOG, Direct Mount

1000 WOG, KV-L20, KV-L20F (Fire Safe)
2000~1500 WOG, KV-L20H, KV-L20HF (Fire Safe)

- Size: 1/4" ~ 3"
- Body: CF8M / CF8 / WCB / Other Alloys
- Seats: TFM 1600 / TFM4215
- Ends: NPT, Rp, Rc, G
- Full Port, Floating Ball Type
- ISO 5211 Direct Mounting Pad



Fire Safe

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ISO 15848-1



3-PC Body, 1000 WOG, Bracket Mount

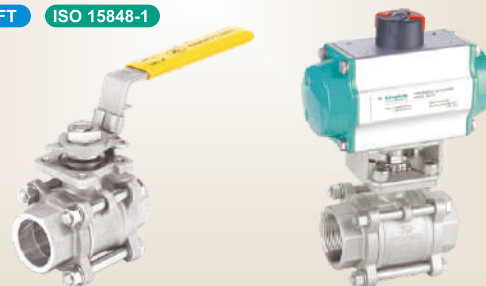
KV-M30, KV-M31, KV-M32

- Size: 1/4" ~ 3"
- Body: CF8M / CF8 / WCB / Other Alloys
- Seats: TFM 1600 / PTFE / RTFE
- Ends: Threads, BW, SW
- Full Port, Floating Ball Type
- ISO 5211 Bracket Mounting Pad



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3-PC Body, 1000 WOG, Direct Mount

KV-L30, KV-L31, KV-L32, KV-L3F

- Size: 1/4" ~ 4"
- Body: CF8M / CF8 / WCB / Other Alloys
- Seats: TFM 1600 / PTFE / RTFE / PEEK
- Ends: Threads, BW, SW, Flange
- Full Port, Floating Ball Type
- ISO 5211 Direct Mounting Pad



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3-PC Body, 2000~1500 WOG, Bracket Mount

KV-080, KV-081, KV-082
KV-080F, KV-081F (Fire Safe)

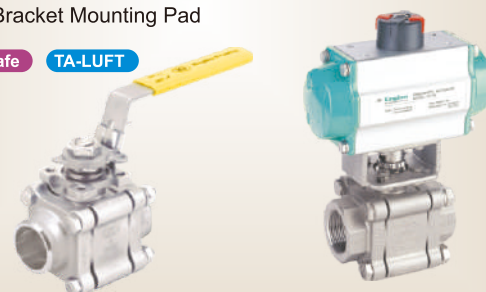
- Size: 1/4" ~ 2"
- Body: CF8M / CF8 / WCB / Other Alloys
- Seats: TFM 4215 / EK+PTFE / PEEK
- Ends: Threads, BW, SW
- Full Port, Floating Ball Type
- ISO 5211 Bracket Mounting Pad



Fire Safe

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3-PC Body, 2000~1500 WOG, Direct Mount

KV-L80, KV-L81, KV-L82
KV-L80F, KV-L81F, KV-L82F (Fire Safe)

- Size: 1/4" ~ 2"
- Body: CF8M / CF8 / WCB / Other Alloys
- Seats: TFM 4215 / EK+PTFE / PEEK
- Ends: Threads, BW, SW
- Full Port, Floating Ball Type
- ISO 5211 Direct Mounting Pad



Fire Safe

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1-PC BODY FLANGE BALL VALVES

1-PC Body, Flanged, Bracket Mount

Class 150: KV-M1F, M1FF (Fire Safe)
Class 300: KV-M2F, M2FF (Fire Safe)

- Size: 1/2" ~ 6"
- Body: CF8M / CF8 / WCB / Other Alloys
- Seats: TFM 1600 / PTFE / RTFE
- Pressure: ASME Class 150, 300
- Reduced Port, Floating Ball Type
- ISO 5211 Bracket Mounting Pad



Fire Safe



TRUNNION BALL VALVES

2-PC & 3-PC Body Trunnion Mount Ball Valve Flanged End

KV-F40 Series, KV-F60 Series (Fire Safe)

- Size: 6" ~ 12" (2-PC Body), 14" ~ 24" (3-PC Body)
- Body: CF8M / CF8 / WCB / Other Alloys
- Seats: TFM 1600 / PTFE
- Pressure: ASME Class 150, 300, 600, PN10~40, JIS 10K, 20K
- Bi-directional Sealing and drain design
- ISO 5211 Bracket Mounting Pad



Fire Safe

ISO 15848-1

Optional



METAL SEATED BALL VALVES

2-PC & 3-PC Body Metal Seated Ball Valve Flanged End

KV-M40 Series, KV-M60 Series (Fire Safe Design)

- Size: 1/2" ~ 16"
- Body: CF8M / CF8 / CF3M / WCB / Other Alloys
- Seat / Ball : F316 / F316L / F304 / F304L / A105+Cemented Carbide Coating
- Pressure: ASME Class 150, 300, 600, 900, PN10~40, JIS 10K, 20K
- Full Port, Bi-directional
- ISO 5211 Bracket Mounting Pad
- Temperature Range : -29°C ~ 538°C



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Optional



HIGH PRESSURE FORGED BALL VALVES

3-PC Body, Flanged, Bracket Mount, Floating / Trunnion Mounted Ball Valves

KV-L45 (Class 900), KV-L46 (Class 1500)

KV-L65, L66 (Fire Safe)

- Size: 1/2" ~ 1-1/2" (Floating Type), 2" ~ 8" (Trunnion Type)
- Body: F316 / F304 / A105 / Other Alloys
- Seats: TFM 1600 / PTFE
- Pressure: ASME Class 900, 1500, PN160 / PN250
- Operation: Bare Shaft, Wrench, Gear, Actuator
- ISO 5211 Bracket Mounting Pad



CRYOGENIC BALL VALVES LOW TEMPERATURE BALL VALVE

2-PC & 3-PC Body, Bracket Mount, Flange or BW Ends

KV-C40 Series (Flange), KV-C30 Series (BW)

KV-D40 Series (Low Temperature)

- Size: 1/2" ~ 1-1/2" (Floating Type), 2" ~ 8" (Trunnion Type)
- Body: CF8M / CF8
- Seats: PCTFE / TFM1600
- Rating: ASME Class 150 / 300, PN16~PN40 (Flange), 1000WOG (BW)
- Ball/Stem: F316 / F304
- ISO 5211 Bracket Mounting Pad
- Temperature Range: -196°C ~ +150°C
- Temperature Range: -100°C ~ +150°C



LINED BALL VALVES

2-PC Body, Flanged, PFA Lined Ball Valves

KV-N440 Series

- Size: 1/2" ~ 4"
- Body: CF8M / CF8 / WCB / Other Alloys
- Pressure: ASME Class 150, PN16
- Full Port, Floating Ball Type
- ISO 5211 Mounting Pad
- Adjustable Packing Gland Design

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TRIPLE OFFSET METAL-SEATED BUTTERFLY VALVES

Wafer Type: KB-M371, KB-M372, KB-M37K Flange Type: KB-M341, KB-M342, KB-M34K

- Size: 3" ~ 24"
- Body: CF8M / CF8 / WCB / Other Alloys
- Pressure: ASME Class 150, 300, PN16
- Triple Offset Disc Rotation
- Replaceable Seat & Seal System

Fire Safe

ISO 15848-1

Optional



SANITARY TYPE VALVES

3-PC Body, 400 WOG

KV-09C (Clamp End)
KV-091 (BW End)

- Size: 1/2" ~ 4", 400 WOG
- Body: CF3M / CF8M / CF8
- Seats: TFM 1600 / PTFE
- Internal Polished Body and Ball Surface (Ra 32.µin/ 0.8.µm)
- Cavity Filled Seat Design
- ISO 5211 Bracket Mounting Pad
- Ends : Clamp, BW



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3-PC Body, 400 WOG, Direct Mount

KV-L9C (Clamp End)
KV-L91 (BW End)

- Size: 1/2" ~ 4", 400 WOG
- Body: CF3M / CF8M / CF8
- Seats: TFM 1600 / PTFE
- Internal Polished Body and Ball Surface (Ra 32.µin/ 0.8.µm)
- Cavity Filled Seat Design
- ISO 5211 Direct Mounting Pad
- Ends : Clamp, BW



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ECONOMICAL TYPE 1000 WOG BALL VALVES

1-PC Body

KV-010

- Size: 1/4" ~ 2"
- Body: CF8M / CF8 / WCB
- Seats: PTFE / RTFE
- Reduced Port
- Ends : NPT, Rp, Rc, G



3-PC Body

KV-030, KV-031, KV-032

- Size: 1/4" ~ 3"
- Body: CF8M / CF8 / WCB
- Seats: PTFE / RTFE
- Full Port
- Ends : Threads, BW, SW



2-PC Body

KV-020

- Size: 1/4" ~ 3"
- Body: CF8M / CF8 / WCB
- Seats: PTFE / RTFE
- Full Port
- Ends : NPT, Rp, Rc, G



TOP ENTRY BALL VALVES

Flanged, BW, Thread, SW End

KV-T41, KV-T42: Flanged, Class 150 / 300
KV-T11, KV-T12: BW, Class 150 / 300
KV-T03: Thread, Class 600 (1/2" ~ 4")
KV-T23: SW, Class 600 (1/2" ~ 4")

- Size: 1/2" ~ 4",
- Body: CF8M / CF8 / WCB
- Seats: TFM 1600 / PTFE / RTFE
- Pressure: ASME Class 150, 300, 600
- Full Port, Floating Ball Type
- Ends: Flanged, BW



1-PC Body, Flanged End

KV-JT41, KV-JT42 Class150/300
KV-JT61, KV-JT62 (Fire Safe Design)

- Size: 1/2" ~ 8",
- Body: CF8M / CF8 / WCB / Other Alloys
- Seats: TFM 1600 / PTFE / RTFE
- Pressure: ASME Class 150, 300
- Full Port, Floating Ball Type
- ISO 5211 Bracket Mounting Type

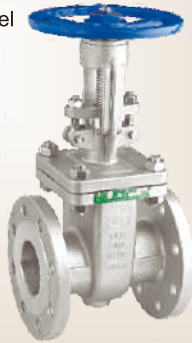


ASME Class 150 GATE, GLOBE & CHECK VALVES

Gate Valve

KG-150

- Size: 1/2" ~ 8",
- Body: CF8M / CF8
- Ends: Flanged ASME B16.5 EN1092
- OS & Y, Bolted Bonnet
- Rising Stem & Non-rising Handwheel
- Rating: ASME Class 150



Globe Valve

KL-150

- Size: 1/2" ~ 8",
- Body: CF8M / CF8
- Ends: Flanged ASME B16.5
- OS & Y, Bolted Bonnet
- Rising Stem & Handwheel
- Rating: ASME Class 150



Swing Check Valve

KC-150

- Size: 1/2" ~ 8",
- Body: CF8M / CF8
- Ends: Flanged ASME B16.5
- Bolted Cover
- Rating: ASME Class 150



200 WOG / 800 WOG GATE, GLOBE & CHECK VALVES

200 WOG Gate Valve

KG-200

- Size: 1/2" ~ 2",
- Body: CF8M / CF8
- Pressure: 200 WOG
- Threaded Ends: NPT, Rp, Rc, G



200 WOG Swing Check Valve

KC-200

- Size: 1/2" ~ 2",
- Body: CF8M / CF8
- Pressure: 200 WOG
- Threaded Ends: NPT, Rp, Rc, G



200 WOG Globe Valve

KL-200

- Size: 1/2" ~ 2",
- Body: CF8M / CF8
- Pressure: 200 WOG
- Threaded Ends: NPT, Rp, Rc, G



800 WOG Y-Spring Check Valve

KC-800Y

- Size: 1/4" ~ 3",
- Body: CF8M / CF8
- Pressure : 800 WOG
- Threaded Ends : NPT, Rp, Rc, G



800 WOG Y-Strainer

KY-800

- Size: 1/2" ~ 4",
- Body: CF8M / CF8
- Pressure: 800 WOG
- Ends: Threaded, Flange



ACTUATORS

HA Pneumatic Diaphragm Actuators

- Compact Structure
- Multi-spring Diaphragm
- Max. Output Force : 13,300 N at 400 Kpa air supply



Pneumatic Actuators

- Double-acting or Spring-return
- Output Torque 14 to 1170 NM
- ISO / NAMUR Connections
- Aluminum Alloy Body
- Epoxy Coated end Caps
- Easy External Bi-directional Travel Stop Adjustments
- Extended Life Cycle Guaranteed



VALVE ACCESSORIES

V-Ball 15°/30°/45°/90°



Oval Handles



Stem Extension



Solenoid Valves



Reducers



Butterfly Handles



Positioners



Stem Adapter



Butterfly Handles



Limit Switches



Brackets



CONTROL VALVES

Single Seated Control Valves

KA-10S

- Nominal Diameter: DN 15 ~ DN200 (1/2" ~ 8")
- Nominal Pressure: PN 16, 40, 64
ANSI Class 150, 300, 600
JIS 10K, 20K, 40K
- Body Material: Alloy Steel, Stainless Steel, Steel
- Plug Material: 304, 316, 304L, 316L, 304+STL, 316+STL
- Seat Materials: 304, 316, 304L, 316L, 304+STL, 316+STL, PTFE
- Ends: Flanged (FF, RF, RJ, FM), SW (≤ DN50), BW (≥ DN65)



Cage Double Seated Control Valves

KA-10C

- Nominal Diameter: DN 40 ~ DN200 (1-1/2" ~ 8")
- Nominal Pressure: PN 16, 40, 64
ANSI 150, 300, 600
JIS 10K, 20K, 40K
- Body Material: Alloy Steel, Stainless Steel, Steel
- Plug Material: 316, 316L, 304+STL, 316+STL, 17-4 PH
- Seat Materials: 316, 316L, 17-4 PH, PTFE
- Ends: Flanged (FF, RF, RJ, FM), SW (≤ DN50), BW (≥ DN65)



Angle Single Seated Control Valves

KA-30S

- Nominal Diameter: DN 40 ~ DN200 (1-1/2" ~ 8")
- Nominal Pressure: PN 16, 40, 64
ANSI Class 150, 300, 600
JIS 10K, 20K, 40K
- Body Material: Alloy Steel, Stainless Steel, Steel
- Plug Material: 304, 316, 304L, 316L, 304+STL, 316+STL
- Seat Materials: 304, 316, 304L, 316L, 304+STL, 316+STL, PTFE
- Ends: Flanged (FF, RF, RJ, FM), SW (≤ DN50), BW (≥ DN65)



Bellows Seal Single-Seated Control Valves

KA-14S

- Nominal Diameter: DN 25 ~ DN200 (1" ~ 8")
- Nominal Pressure: PN 16, 40, 64
ANSI Class 150, 300, 600
JIS 10K, 20K, 40K
- Body Material: Alloy Steel, Stainless Steel, Steel
- Plug Material: 304, 316, 304L, 316L, 304+STL, 316+STL
- Seat Materials: 304, 316, 304L, 316L, 304+STL, 316+STL, PTFE
- Ends: Flanged (FF, RF, RJ, FM), SW (≤ DN50), BW (≥ DN65)





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