

"WE CONTROL THE FLOW"

**PTFE lined
Valve**



About Company

Elite Flow Control holds the state of art manufacturing facilities equipped with ultra-modern production equipment and exporting the finest quality Ball Valves, Gate Valves, Globe Valves, Check Valves, Plug Valves, Butterfly Valves according to the specified / applicable manufacturing standards / grades and can be customized customer's requirements/Specification.

We operate on philosophy to provide Immediate Response, Excellent Quality, Quick Delivery and Customer Satisfaction followed by commitment as "What we commit, We deliver" based on this we are having satisfied customers in more than 25 countries throughout the world.

We have stringent Quality Management and Control System to ensure the superior quality of products. All of our products are strictly inspected at each stage of the production process from the Inspection of Raw Material to the finish products. Each order is carried out as per Inspection / Test Plan, Required Specifications and Applicable Manufacturing / Quality Standards.

Our Valves are widely used in following process industry:

- ❖ Chemical
- ❖ Petrochemical
- ❖ Fertilizer
- ❖ Oil & Gas
- ❖ Power Generation
- ❖ Brewing
- ❖ Water Supply Systems
- ❖ Food and Beverage Industry
- ❖ Paper Making Industry

MISSION

Elite Flow Control focused to provide the superior quality products at competitive prices to its customers around the world by utilizing the company's human resources and advanced technology equipment with the strong commitment to R&D, Health, Safety, Environment and company's core values.

VISION

To make our brand "the first choice of customers.

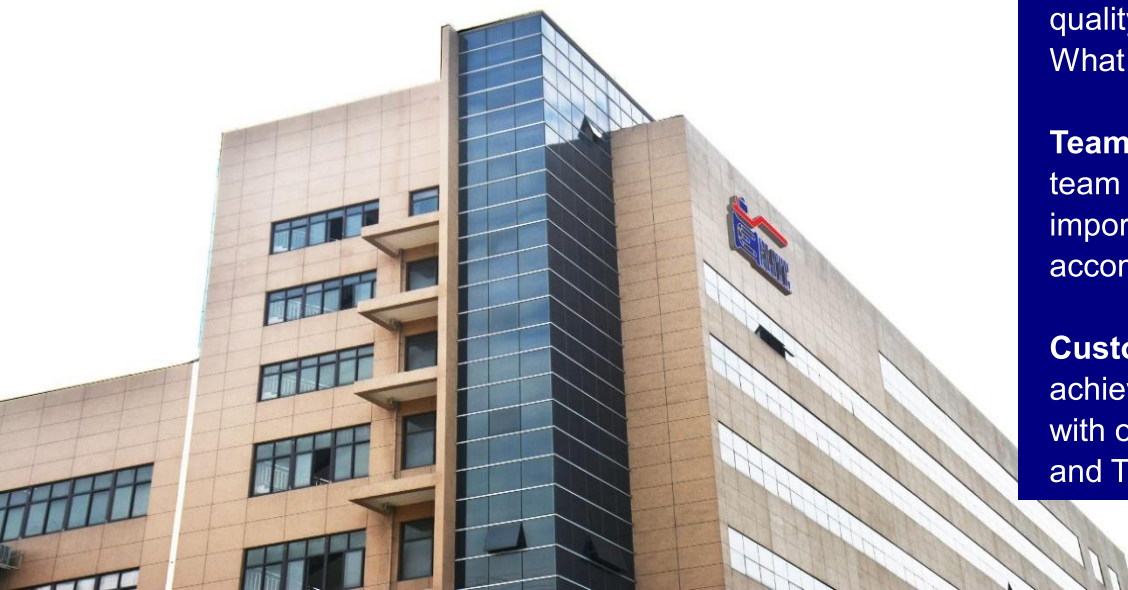
CORE VALUES

The core values of our company guide and drive our business to achieve our mission and a step ahead towards our vision.

Quality: It is our primary focus to produce and deliver superior quality products. Commitment: What we commit, we deliver.

Team Work: We believe on team work which is the most important element to accomplish the set objective.

Customer Satisfaction: To achieve customer satisfaction with our Quality, Commitment and Teamwork



PTFE Lined Butterfly Valve

ED671-PTFE

Products Description

- 1.The lined butterfly valves bi-directional flow is possible at maximum operating pressure. Since the valve port corresponds to the piping diameter, a high flow capacity is guaranteed.
- 2.It features ease of maintenance, repeatable on-off, long life durability.
- 3.The concentric design is commonly used in the power generation, brewing, water and food industries and suitable for both gaseous and liquid service. Typically applied in chemical/ petrochemical process, food and beverage, and pulp and paper.
- 4.Lining material: PTFE, PFA, FEP, GXPO etc.
- 5.Connection type: wafer, flange, lug etc.
- 6.Operation methods: manual, worm gear, electric, pneumatic and hydraulic actuator.
- 7.Elite lined three-way ball valves are available as per the needs of applications in additional sizes and other than standard materials.



Design/Manufacturer Standard	ASME B16.34, HG/T 3704
Face-to-face Dimension	ASME B16.10 , GB/T 12221
Flange Standard	ASME B 16.5 ,GB/T 9119 ,DIN ,JIS
Inspection and Testing	API 598, GB/T 13927

Structure: Centre Sealing
Work Pressure: Low Pressure (Pn<1.6mpa)
Material of Seal Surface: Soft Sealed
Size: Dn50~2000
Material: Wcb + PTFE
Transport Package: Plywood
Connection Form: Wafer
Seal Form: Auto Sealed

Working Temperature: Medium Temperature (120°C<T<450°C)
Application: Industrial Usage
Actuator: Pneumatic
Trademark: Elite

Specification:
SGS, CE, ISO9001, CELAB, TS

PFA Lined Ball Valve for Chemical

Model: EQ41PFA

1. Two pieces full port standard lined ball valves offer high stability, rigidity and eliminating potential leak path.
2. Full port design minimizes pressure losses and increases flow capacities thus reducing energy and pumping costs.
3. Full bore design almost no fluid resistance, and good shut-off performance.
4. It features zero leakage, maintenance-free, one-piece stem and ball design, high sealing performance and can be used under full vacuum service.
5. Lower pressure drop and high flow characterized the efficiency of Elite lined ball valves.
6. It can work as on-off or control valve.
7. It can sustain any corrosive medium in addition to the? ? Molten alkali metals and fluorine elements? ? . It is ideal products used in chlor-alkali, industrial in organic chemicals, metal and mining, nitrogen and phosphatic fertilizers, petroleum refining, pharmaceutical etc.
8. Lining material: PFA, FEP, GXPO etc.
9. Operation methods: Manual, worm gear, electric, pneumatic and hydraulic actuator.
10. Elite lined ball valves are available as per the needs of applications in additional sizes and other than standard materials.



Design/Manufacturer Standard	ASME B16.34, HG/T 3704
Face-to-face Dimension	ASME B16.10, GB/T 12221
Flange Standard	ASME B 16.5 ,GB/T 9119 ,DIN ,JIS
Inspection and Testing	API 598, GB/T 13927

Structure: Floating Ball Valve
Function: Atmospheric Valve
Application: Industrial Usage
Liner: PFA
Specification: CE, SGS, TS
Nominal Pressure: PN1.0-32.0MPa
Connection Form: Flange

Material: Carbon Steel
Driving Mode: Manual
Channel: Straight Through Type
Type: Floating Ball Valve
Temperature: Normal Temperature
Diameter: Dn15~250
Pressure: 150lb
Transport Package: Plywood Case
Origin: Wenzhou, China

PFA Lined Gate Valve Rising Stem Type

Model: EZ41PFA-16C

1. Gate valve can be divided into rising stem gate valve, which refers to the disc doing lift movement in straight line along with the valve stem, and non-rising stem gate valve which refers to the stem nut located in the disc, when the stem rotates, the disc doing lift movement in straight line.
2. Elite lined gate valve adopts new design structure, solving the inconvenient or jammed operation phenomenon caused by particles, fibers and medium deposition in the screw groove of common non-rising gate valve.
3. Valve installation position is not subject to any restrictions.
4. It can sustain any corrosive medium in addition to the molten alkali metals and fluorine elements. It is ideal products used in chlor-alkali, industrial in organic chemicals, metal and mining, nitrogen and phosphatic fertilizers, petroleum refining, pharmaceutical etc.
5. Lining material: PFA, FEP, GXPO etc.
6. Operation methods: manual, worm gear, electric, pneumatic and hydraulic actuator.
7. Elite lined gate valves are available as per the needs of applications in additional sizes and other than standard materials.



Design/Manufacturer Standard	ASME B16.34, HG/T 3704
Face-to-face Dimension	ASME B16.10, GB/T 12221
Flange Standard	ASME B 16.5 ,GB/T 9119 ,DIN ,JIS
Inspection and Testing	API 598, GB/T 13927

Model NO.: Z41PFA-16C
Material: Carbon Steel
Pressure: Low Pressure
Seal Surface: Wedge Gate Valve
Usage: Drain
Application: Industrial Usage
Size: Dn15~300
Specification: TS, CE, SGS

Type: Straight-through
Connection Form: Flange
Actuator: Manual
Thread Position of Valve Rod: Outside Gate Valve
Standard: DIN
Materials: Wcb+PFA
Medium: Corrosion Medium
Transport Package: Plywood Case
Origin: Wenzhou

Half Lining PTFE Butterfly Valve ANSI

Model: ED371F/P-150LB

- 1.The lined butterfly valves bi-directional flow is possible at maximum operating pressure. Since the valve port corresponds to the piping diameter, a high flow capacity is guaranteed.
- 2.It features ease of maintenance, repeatable on-off, long life durability.
- 3.The concentric design is commonly used in the power generation, brewing, water and food industries and suitable for both gaseous and liquid service. Typically applied in chemical/petrochemical process, food and beverage, and pulp and paper etc.
- 4.Lining material: PTFE, PFA, FEP, GXPO etc.
- 5.Connection type: wafer, flange, lug etc.
- 6.Operation methods: manual, worm gear, electric, pneumatic and hydraulic actuator.
7. Elite lined three-way ball valves are available as per the needs of applications in additional sizes and other than standard materials.



Design/Manufacturer Standard	ASME B16.34, HG/T 3704
Face-to-face Dimension	ASME B16.10, GB/T 12221
Flange Standard	ASME B 16.5 ,GB/T 9119 ,DIN ,JIS
Inspection and Testing	API 598, GB/T 13927

Model NO.: ED371F/P-150LB
 Connection Form: Wafer
 Seal Form: Auto Sealed
 Work Pressure: Low Pressure (Pn<1.6mpa)
 Material of Seal Surface: Soft Sealed
 Application: Industrial Usage
 Actuator: Worm Gear
 Trademark: Elite
 Specification: DN50~2000

Driving Mode: Manual
 Structure: Centre Sealing
 Valve Stem: Normal
 Working Temperature: Normal Temperature (-40°C<T<120°C)
 Valve Body: Casting
 Size: Dn50~2000
 Body: Wcb+PTFE
 Transport Package: Plywood Case
 Origin: Wenzhou, China

ANSI PTFE Lined Wafer Type Butterfly Valve

Model: ED71PTFE

- 1.The lined butterfly valves bi-directional flow is possible at maximum operating pressure. Since the valve port corresponds to the piping diameter, a high flow capacity is guaranteed.
- 2.It features ease of maintenance, repeatable on-off, long life durability.
- 3.The concentric design is commonly used in the power generation, brewing, water and food industries and suitable for both gaseous and liquid service. Typically applied in chemical/petrochemical process, food and beverage, and pulp and paper etc.
- 4.Lining material: PTFE, PFA, FEP, GXPO etc.
- 5.Connection type: wafer, flange, lug etc.
- 6.Operation methods: manual, worm gear, electric, pneumatic and hydraulic actuator.
- 7.Elite lined three-way ball valves are available as per the needs of applications in additional sizes and other than standard materials.



Design/Manufacturer Standard	ASME B16.34, HG/T 3704
Face-to-face Dimension	ASME B16.10, GB/T 12221
Flange Standard	ASME B 16.5 ,GB/T 9119 ,DIN ,JIS
Inspection and Testing	API 598, GB/T 13927

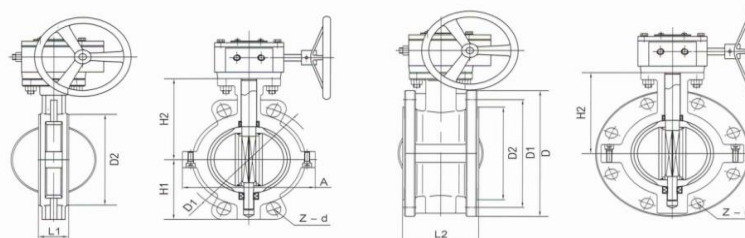
Model NO.: ED71PTFE
 Connection Form: Wafer
 Seal Form: Auto Sealed
 Work Pressure: Low Pressure (Pn<1.6mpa)
 Material of Seal Surface: Soft Sealed
 Application: Industrial Usage
 Material: Wcb+PTFE
 Actuator: Manual, Pneumatic
 Specification: CE, TS, SGS, CELAB

Driving Mode: Manual
 Structure: Centre Sealing
 Valve Stem: Normal
 Working Temperature: Medium Temperature (120°C<T<450°C)
 Valve Body: Casting
 Size: Dn50~2000
 Medium: Corrosion Medium
 Pressure: Pn16/Class150lb
 Transport Package: Plywood
 Origin: Wenzhou

PFA Lined Flange Butterfly Valve for Oil Gas

Model: ED341PFA

1. The lined butterfly valves bi-directional flow is possible at maximum operating pressure. Since the valve port corresponds to the piping diameter, a high flow capacity is guaranteed.
2. It features ease of maintenance, repeatable on-off, long life durability.
3. The concentric design is commonly used in the power generation, brewing, water and food industries and suitable for both gaseous and liquid service. Typically applied in chemical/petrochemical process, food and beverage, and pulp and paper etc.
4. Lining material: PTFE, PFA, FEP, GXPO etc.
5. Connection type: Wafer, flange, lug etc.
6. Operation methods: Manual, worm gear, electric, pneumatic and hydraulic actuator.
7. Elite lined three-way ball valves are available as per the needs of applications in additional sizes and other than standard materials.



Design/Manufacturer Standard	ASME B16.34, HG/T 3704
Face-to-face Dimension	ASME B16.10, GB/T 12221
Flange Standard	ASME B 16.5 ,GB/T 9119 ,DIN ,JIS
Inspection and Testing	API 598, GB/T 13927

Model NO.: ED341PFA
 Connection Form: Flange
 Seal Form: Auto Sealed
 Work Pressure: Low Pressure (Pn<1.6mpa)
 Material of Seal Surface: Soft Sealed
 Application: Industrial Usage
 Pressure: 150lb
 Specification: CE, SGS, TS, GMC
 HS Code: 8481804090

Driving Mode: Manual
 Structure: Centre Sealing
 Valve Stem: Normal
 Working Temperature: Normal Temperature
 (-40°C<T<120°C)
 Valve Body: Casting
 Body Material: Wcb+PFA
 Diameter: Dn50~2000
 Transport Package: Plywood
 Origin: Wenzhou, China

Weir Type EG41 PFA Lined Diaphragm Valve

Model: EG41PFA-150LB

1. Elite lined diaphragm valve is ideally suited for shut-off, flow control and throttling of corrosive process media in either liquid or gaseous state.

Its main features are heavy-duty, robust construction, maintenance-free, easy replacement of components on site. Convenient, flexible and accurate open or close.

2. It can sustain any corrosive medium in addition to the? ? Molten alkali metals and fluorine elements. It is ideal products used in chlor-alkali, industrial in organic chemicals, metal and mining, nitrogen and phosphatic fertilizers, petroleum refining, pharmaceutical etc.

3. It is not applicable for diaphragm used in medium with hard particles, which will cause diaphragm damage and leakage.

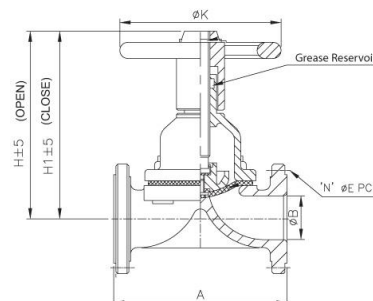
4. The working temperature cannot exceed the specified range.

5. Open the diaphragm too frequent will influence the sealing performance.

6. Lining material: PFA, FEP, GXPO etc.

7. Operation methods: Manual, worm gear, electric, pneumatic and hydraulic actuator.

8. Elite lined diaphragm valves are available as per the needs of applications in additional sizes and other than standard materials.



Design/Manufacturer Standard	ASME B16.34
Face-to-face Dimension	HG/T3704
Flange Standard	ASME B 16.5
Inspection and Testing	API 598

Model NO.: EG41PFA-150LB

Connection: Flanged Diaphragm Valve

Structure: Weir Diaphragm Valve

Flow Direction: Bidirectional

Usage: Flow Control

Diameter: Dn15~300

Treatment: Epoxy Painting

Transport Package: Plywood Case

Actuator: Manual

Material: Cast Steel

Pressure: Low Pressure

Function: Electronic Type

Standard: ANSI

Materials: Wcb/CF8+PFA

Specification: CE, SGS, TS

Origin: Wenzhou, China

PFA Lined Through-Way Lift Check Valve

Model: EH41PFA

Design/Manufacturer Standard	ASME B16.34, HG/T 3704
Face-to-face Dimension	ASME B16.10, GB/T 12221
Flange Standard	ASME B 16.5 ,GB/T 9119 ,DIN ,JIS
Inspection and Testing	API 598, GB/T 13927

1. Elite Lined check valves come in several forms, all of which fulfill the same basic purpose, namely to allow forward fluid flow, but to minimize backwards flow. They prevent the back-flow of liquids in pipelines, prevent siphoning of pumps and eliminates pump impeller rotation in opposite direction due to back-flowing media. Generally check valve is automatically working. Under the pressure function of one direction flow, the disc opens, while when the liquid backflows, the valve will cut the flow.

2. Elite lined swing check valves H44 have a disc that rotates or swings out of the fluid flow in the forwards flow direction, but that swings back against its seat to prevent backwards flow.

3. Elite fully lined wafer swing check valve H74 is of two piece construction with only one moving part, ideal for use in totally lined piping systems in corrosion applications. The valve can be mounted horizontally or vertically with upward flow.

4. Elite lined ball check valve H40 do not have a spring to help with valve closing, limiting their use to vertical lines with upwards forward flow. The solid PTFE ball at valve body lining guarantees that ball rolls into the seat due to gravitation. Self-cleaning effect due to permanent ball rotation, resistance against solid particles.

5. It can sustain any corrosive medium in addition to the Molten alkali metals and fluorine elements. It is ideal products used in chlor-alkali, industrial in organic chemicals, metal and mining, nitrogen and phosphatic fertilizers, petroleum refining, pharmaceutical etc.

6. Lining material: PFA, FEP, GXPO etc.

7. Elite lined check valves are available as per the needs of applications in additional sizes and other than standard materials.



Model NO.: EG41PFA-150LB
Connection: Flanged Diaphragm Valve
Structure: Weir Diaphragm Valve
Flow Direction: Bidirectional
Usage: Flow Control
Diameter: Dn15~300
Treatment: Epoxy Painting
Transport Package: Plywood Case
Actuator: Manual
Material: Cast Steel
Pressure: Low Pressure
Function: Electronic Type
Standard: ANSI
Materials: Wcb/CF8+PFA
Specification: CE, SGS, TS
Origin: Wenzhou, China

PFA Lined Globe Valve

Model: EJ41PFA

Body Material: A216/WCB, A351/CF8, A351/CF8M, A351/CF3, A351/CF3M, LCB, A536

Disc: A216/WCB, A351/CF8, A351/CF8M, A351/CF3, A351/CF3M

Stem: SS304, SS420, SS410, SS416

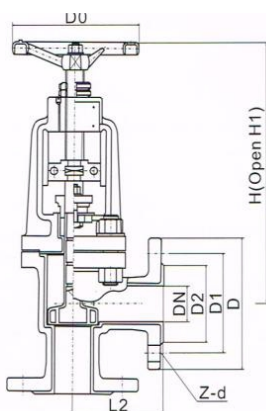
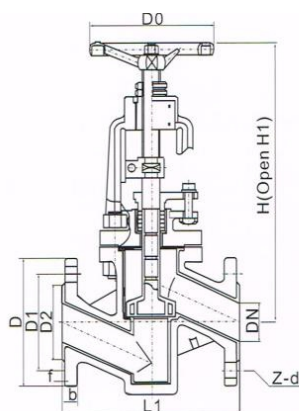
Lining Material: PFA, FEP, PTFE, PO

Nominal Diameter: NPS 1/2-16

Pressure Range: 150lb 300lb JIS DIN

Connection Type: Flange connection

Operation Method: Hand wheel etc.



Design/Manufacturer Standard	ASME B16.34
Face-to-face Dimension	GB/T12221
Flange Standard	ASME B 16.5
Inspection and Testing	API 598

Model NO.: EJ41PFA

Material: Carbon Steel

Sealing Form: Gland Packings Globe Valve

Application: Lining Fluorine Valve

Size: Dn15~400

Medium: Corrosion

Transport Package: Plywood Case

Origin: Wenzhou, China

Actuator: Manual

Structure: Through Way Globe Valve

Stem Thread Position: Outside Screw Stem
Globe Valve

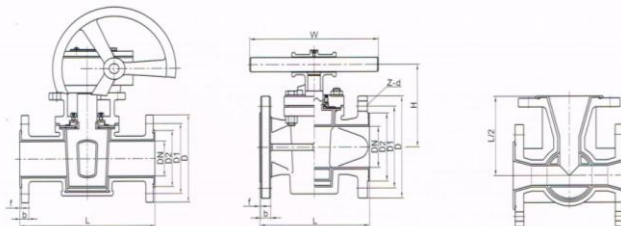
Standard: ANSI

Body Material: Wcb+PFA

PFA Lined Globe Valve

Model: EJ41PFA

1. Elite lined diaphragm valve is ideally suited for shut-off, flow control and throttling of corrosive process media in either liquid or gaseous state. Its main features are heavy-duty, robust construction, maintenance-free, easy replacement of components on site. Convenient, flexible and accurate open or close.
2. It can sustain any corrosive medium in addition to the Molten alkali metals and fluorine elements. It is ideal products used in chlor-alkali, industrial in organic chemicals, metal and mining, nitrogen and phosphatic fertilizers, petroleum refining, pharmaceutical etc.
3. It is not applicable for diaphragm used in medium with hard particles, which will cause diaphragm damage and leakage.
4. The working temperature cannot exceed the specified range.
5. Open the diaphragm too frequent will influence the sealing performance.
6. Lining material: PFA, FEP, GXPO etc.
7. Operation methods: Manual, worm gear, electric, pneumatic and hydraulic actuator.
8. Elite lined diaphragm valves are available as per the needs of applications in additional sizes and other than standard materials.



Design/Manufacturer Standard	ASME B16.34
Face-to-face Dimension	HG/T3704
Flange Standard	ASME B 16.5
Inspection and Testing	API 598

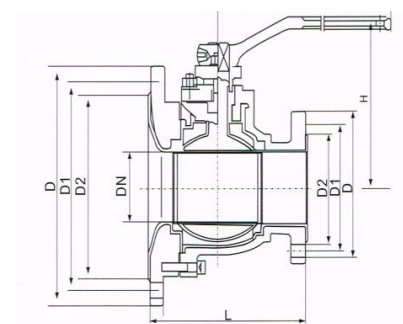
Model NO.: G41PFA-16C
Connection: Flanged Diaphragm Valve
Structure: Weir Diaphragm Valve
Flow Direction: Bidirectional
Usage: Drain
Diameter: Dn15~250
Liner: PFA
Specification: CE, TS, ISO

Actuator: Manual
Material: Cast Steel
Pressure: Low Pressure
Function: Electronic Type
Standard: GB
Materials: Wcb+PFA
Operator: Hand Wheel
Transport Package: Plywood
Origin: Wenzhou, China

PFA Lined Discharge Ball Valve

Model: EQX41PFA

1. Two pieces full port standard lined ball valves offer high stability, rigidity and eliminating potential leak path.
2. Full port design minimizes pressure losses and increases flow capacities thus reducing energy and pumping costs.
3. Full bore design almost no fluid resistance, and good shut-off performance.
4. It features zero leakage, maintenance-free, one-piece stem and ball design, high sealing performance and can be used under full vacuum service.
5. Lower pressure drop and high flow characterized the efficiency of elite lined ball valves.
6. It can work as on-off or control valve.
7. It can sustain any corrosive medium in addition to the Molten alkali metals and fluorine elements? ? . It is ideal products used in chlor-alkali, industrial in organic chemicals, metal and mining, nitrogen and phosphatic fertilizers, petroleum refining, pharmaceutical etc.
8. Lining material: PFA, FEP, GXPO etc.
9. Operation methods: Manual, worm gear, electric, pneumatic and hydraulic actuator.
10. Elite lined ball valves are available as per the needs of applications in additional sizes and other than standard materials.



Design/Manufacturer Standard	ASME B16.34, HG/T 3704
Face-to-face Dimension	ASME B16.10, GB/T 12221
Flange Standard	ASME B 16.5, GB/T 9119, DIN, JIS
Inspection and Testing	API 598, GB/T 13927

Model NO.: EQX41PFA
 Connection Form: Flange
 Nominal Pressure: ANSI CLASS 150-900
 Structure: Floating Ball Valve
 Function: Relief Valve
 Application: Industrial Usage
 Materials: Wcb+PFA
 Treatment: Epoxy Painting
 Transport Package: Plywood Case
 Origin: Wenzhou, China

Material: Carbon Steel, CF8, CF8m, CF3, CF3m, Ductile Iron
 Driving Mode: Manual
 Channel: Straight Through Type
 Type: Floating Ball Valve
 Temperature: Normal Temperature
 Size: Dn25~250
 Pressure: 150lb
 Specification: CE, ISO9001, SGS, TS

Ball Valve E641 with Pneumatic Operator for Oil

Model: EQ641PFA

1. Two pieces full port standard lined ball valves offer high stability, rigidity and eliminating potential leak path.
2. Full port design minimizes pressure losses and increases flow capacities thus reducing energy and pumping costs.
3. Full bore design almost no fluid resistance, and good shut-off performance.
4. It features zero leakage, maintenance-free, one-piece stem and ball design, high sealing performance and can be used under full vacuum service.
5. Lower pressure drop and high flow characterized the efficiency of Elite lined ball valves.
6. It can work as on-off or control valve.
7. It can sustain any corrosive medium in addition to the Molten alkali metals and fluorine elements. It is ideal products used in chlor-alkali, industrial in organic chemicals, metal and mining, nitrogen and phosphatic fertilizers, petroleum refining, pharmaceutical etc.
8. Lining material: PFA, FEP, GXPO etc.
9. Operation methods: Manual, worm gear, electric, pneumatic and hydraulic actuator.
10. Elite lined ball valves are available as per the needs of applications in additional sizes and other than standard materials.



Design/Manufacturer Standard	ASME B16.34, HG/T 3704
Face-to-face Dimension	ASME B16.10, GB/T 12221
Flange Standard	ASME B 16.5, GB/T 9119, DIN, JIS
Inspection and Testing	API 598, GB/T 13927

Model NO.: EQ641PFA
 Connection Form: Flange
 Nominal Pressure: PN1.0-32.0MPa
 Structure: Floating Ball Valve
 Function: Blow-Down Valve
 Application: Industrial Usage
 Materials: Wcb+PFA
 Medium: Corrosion Medium
 Transport Package: Plywood Case
 Origin: Wenzhou, China

Material: Carbon Steel, CF8, CF8m, CF3,
 CF3m, Ductile Iron
 Driving Mode: Pneumatic
 Channel: Straight Through Type
 Type: Floating Ball Valve
 Temperature: Normal Temperature
 Size: Dn15~250
 Operator: Wrench

Pneumatic Butterfly Valve Lined with FEP

Model: ED671FEP

1. Two pieces full port standard lined ball valves offer high stability, rigidity and eliminating potential leak path.
2. Full port design minimizes pressure losses and increases flow capacities thus reducing energy and pumping costs.
3. Full bore design almost no fluid resistance, and good shut-off performance.
4. It features zero leakage, maintenance-free, one-piece stem and ball design, high sealing performance and can be used under full vacuum service.
5. Lower pressure drop and high flow characterized the efficiency of Elite lined ball valves.
6. It can work as on-off or control valve.
7. It can sustain any corrosive medium in addition to the Molten alkali metals and fluorine elements. It is ideal products used in chlor-alkali, industrial in organic chemicals, metal and mining, nitrogen and phosphatic fertilizers, petroleum refining, pharmaceutical etc.
8. Lining material: PFA, FEP, GXPO etc.
9. Operation methods: Manual, worm gear, electric, pneumatic and hydraulic actuator.
10. Elite lined ball valves are available as per the needs of applications in additional sizes and other than standard materials.



Design/Manufacturer Standard	ASME B16.34, HG/T 3704
Face-to-face Dimension	ASME B16.10, GB/T 12221
Flange Standard	ASME B 16.5, GB/T 9119, DIN, JIS
Inspection and Testing	API 598, GB/T 13927

Model NO.: ED671FEP
 Connection Form: Wafer
 Seal Form: Auto Sealed
 Work Pressure: Low Pressure ($P_n < 1.6\text{mpa}$)
 Material of Seal Surface: Soft Sealed
 Application: Industrial Usage
 Liner: FEP
 Pressure: 150lb
 Transport Package: Plywood Case
 Origin: Wenzhou, China

Driving Mode: Manual
 Structure: Centre Sealing
 Valve Stem: Normal
 Working Temperature: Normal Temperature
 ($-40^{\circ}\text{C} < T < 120^{\circ}\text{C}$)
 Valve Body: Casting
 Diameter: Dn50~2000
 Connector: Wafer

PFA Lined Check Valve Floating Ball Check Valve

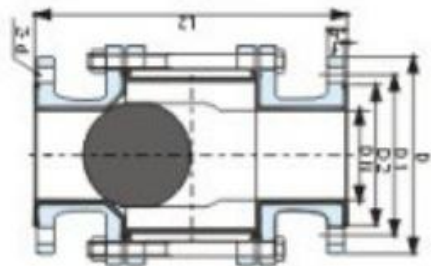
Model: EH40PFA-16C

Body Material: WCB, ASTM A395 , CF8 ,CF8M

Lining Material: PTFE , PFA , PO ,FEP

Nominal Diameter: 1"-10"(DN25~DN250)

Pressure Range: Class150 , PN10 , PN16



Design/Manufacturer Standard	ASME B16.34, HG/T 3704
Face-to-face Dimension	ASME B16.10, GB/T 12221
Flange Standard	ASME B 16.5, GB/T 9119, DIN, JIS
Inspection and Testing	API 598, GB/T 13927

Model NO.: H40PFA-16C
Connection Form: Flange
Application: Industrial Usage
Materials: Wcb+PFA
Origin: Wenzhou

Material: Cast Steel
Structure: Tubular
Diameter: Dn25~250
Type: Floating Ball Valve
Specification: CE, TS, ISO

PFA Lined Lift Check Valve DIN Standard

Model: EH40PFA

1. Elite Lined check valves come in several forms, all of which fulfill the same basic purpose, namely to allow forward fluid flow, but to minimize backwards flow. They prevent the back-flow of liquids in pipelines, prevent siphoning of pumps and eliminates pump impeller rotation in opposite direction due to back-flowing media. Generally check valve is automatically working. Under the pressure function of one direction flow, the disc opens, while when the liquid backflows, the valve will cut the flow.
2. Elite lined swing check valves H44 have a disc that rotates or swings out of the fluid flow in the forwards flow direction, but that swings back against its seat to prevent backwards flow.
3. Elite fully lined wafer swing check valve H74 is of two piece construction with only one moving part, ideal for use in totally lined piping systems in corrosion applications. The valve can be mounted horizontally or vertically with upward flow.
4. Elite lined ball check valve H40 do not have a spring to help with valve closing, limiting their use to vertical lines with upwards forward flow. The solid PTFE ball at valve body lining guarantees that ball rolls into the seat due to gravitation. Self-cleaning effect due to permanent ball rotation, resistance against solid particles.
5. It can sustain any corrosive medium in addition to the Molten alkali metals and fluorine elements. It is ideal products used in chlor-alkali, industrial in organic chemicals, metal and mining, nitrogen and phosphatic fertilizers, petroleum refining, pharmaceutical etc.
6. Lining material: PFA, FEP, GXPO etc.
7. Elite lined check valves are available as per the needs of applications in additional sizes and other than standard materials.



Design/Manufacturer Standard	ASME B16.34, HG/T 3704
Face-to-face Dimension	ASME B16.10, GB/T 12221
Flange Standard	ASME B 16.5, GB/T 9119, DIN, JIS
Inspection and Testing	API 598, GB/T 13927

Model NO.: EH40PFA

Connection Form: Flange

Pressure: Low Pressure

Flow Direction: Unidirection

Application: Industrial Usage

Body Material: Wcb+PFA

Material: Cast Steel

Structure: Elevated

Sealing Form: Gland Packings Globe Valve

Standard: ANSI

Diameter: Dn25~250

Connection: Flange

Transport Package: Plywood

Origin: Wenzhou

Vaccum Negative Pressure - Lined Safety Valve

Model: EYFA72PFA-10P/R

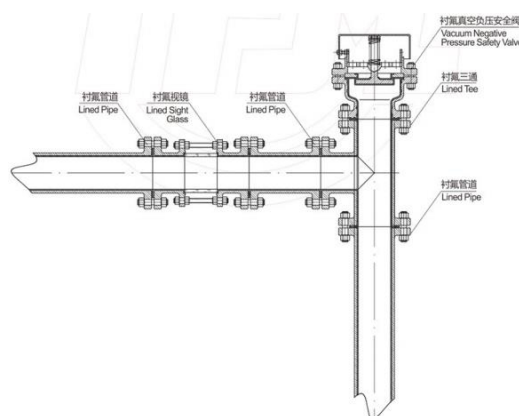
At present, due to operator error or other reasons caused by pipe has a sudden negative pressure, the lining material is fell off, and the drum is sucked, the expansion is deformed and so on, then to cause great economic loss or other accidents.

In order to solve this problem, our company has developed a special research on the vacuum negative pressure lined, to ensure that negative pressure in the pipeline (or more than the specified negative value).



Working Principal

Vacuum negative pressure lined safety valve is applicable for negative pressure system in temperature $\leq 180^{\circ}\text{C}$. When the value of negative pressure in the container or pipeline system exceed the allowable value, the pressure of the disc and the upward pull of the spring force disc tightly close to the seat, to ensure the media does not leak. When the container and discharge valve is not open, results in negative pressure, the vacuum negative pressure safety valve will automatically open to ensure that the device is not damaged.



Temperature Range	$\leq 180^{\circ}\text{C}$	Speak Detection Voltage	15KV
Strength Test	1.5	Applicable Medium	Acid, alkali, salt & other corrosive
Water Sealing Test	1.1	Negative Pressure Opening	$\geq 9.0\text{ MPa}$
Air Sealing Test	0.6	Material	SS304/PFA, 1Cr18Ni9Ti, 50CrVA

Vacuum negative pressure lined safety valve applicable for all the negative pressure of the pipeline and equipment system in temperature ; It can also be installed in the normal non-negative presure equipment and pipeline system. When the negative pressure in the container or pipe is less then the allowable valve, the valve automatically opens to inhale air, balance system, internal negative pressure differential pressure. when the negative pressure in the system to reach the value of the safety valve.

Gate Valve

Global Valve

Check Valve

Butterfly Valve

Safety Valve

Diaphragm Valve

Plug Valve

Discharge Valve



The concentric design is commonly used in the power generation, brewing, water and food industries and suitable for both gaseous and liquid service. Typically applied in chemical/petrochemical process, food and beverage, and pulp and paper etc.

Wenzhou Elite Flow Control Co., Ltd.

Office #903, Zhongou International Office Building,
Yangguangdadao St., Oubei, Yongjia, Wenzhou, Zhejiang, China.



+86 (0) 577 66965398
contact@eliteflowcl.com

Manufacturing Facility:

First floor, Building 4, Xiaowei industrial Park, Zhuao Village Oubei Street, Wenzhou City,
Zhejiang Province, China