



Rubberlined Butterfly Valves



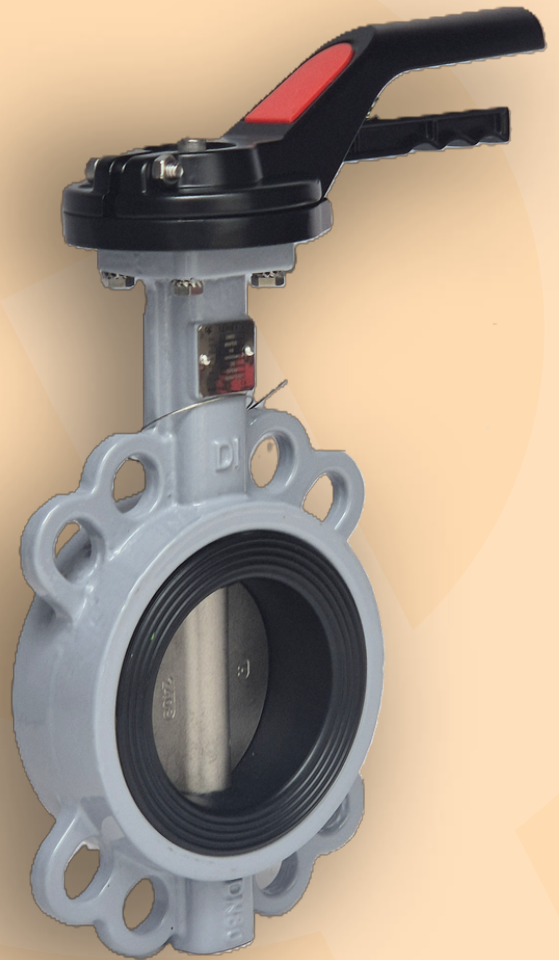
Orange
Valves
Company

Who we are

Service and technical expertise drive everything we do. Orange Valves Company (OVC) is an independent manufacturer and supplier of industrial valves and flow control solutions serving contractors, OEM's, distributors and industrial end users in national and international markets.

Industrial systems operate under pressure, temperature and continuous operational demand. Every component must perform exactly as specified. Reliability and performance are essential. OVC combines technical expertise with pragmatic supply solutions, delivering quality valves and related components under the OVC brand supported by responsive service and structured sourcing.

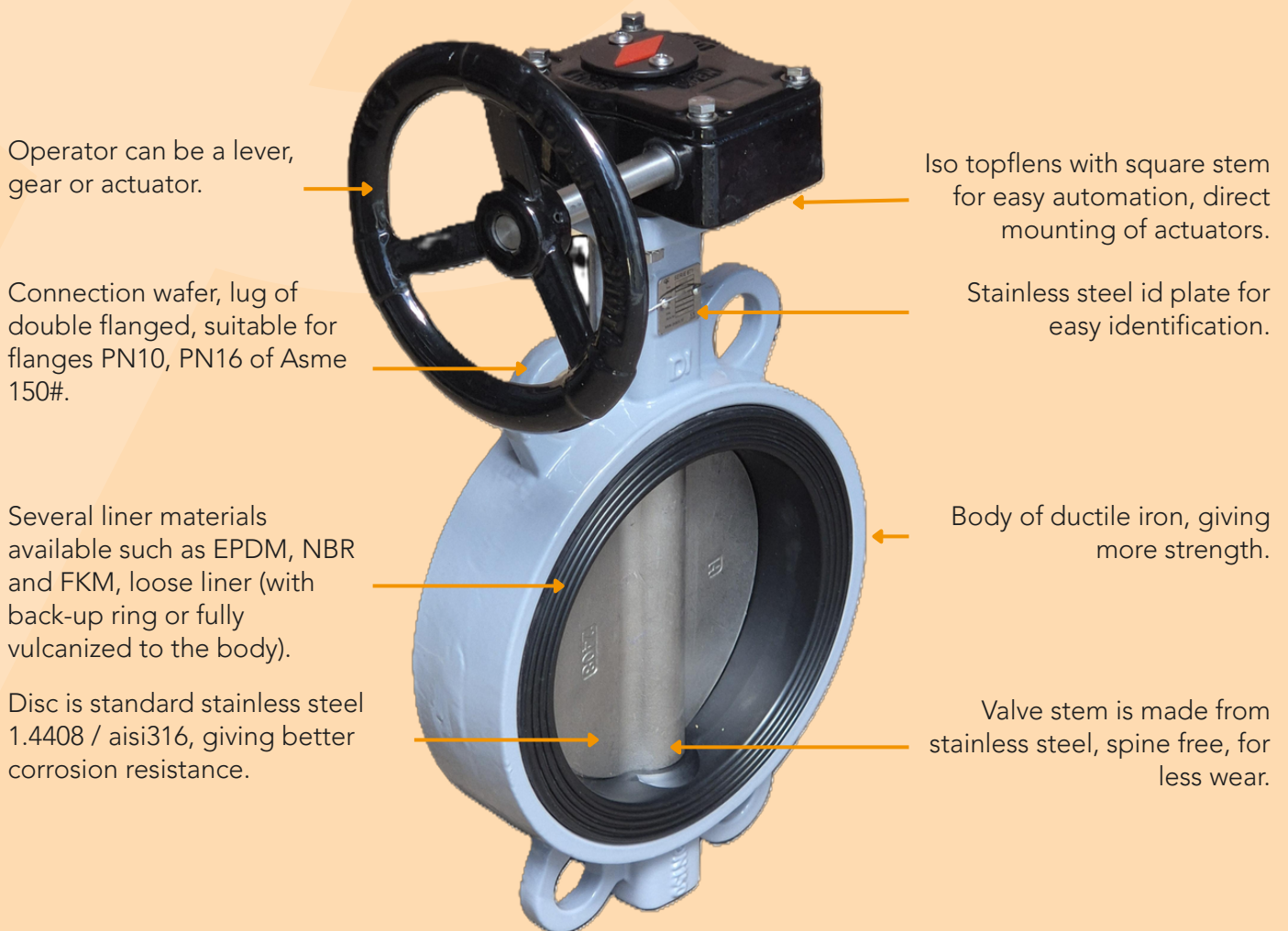
Our objective is clear: to provide reliable flow control solutions without unnecessary complexity.



OVC Butterfly valves features

OVC Butterfly valves are quarter-turn valves widely used for isolation and flow control in industrial systems, particularly for water, heating, cooling and general process applications.

The OVC series 671, 681 and 4630 valves have a robust one-piece stem design with a free of play plan disc-stem connection. The seat, loose type with back-up ring or fully vulcanized, which covers the full body as a liner and isolates flowing media from the valve body and stem. The valves construction makes this valve very well suitable for the most demanding applications.



1 Serie 671 AG

OVC ductile iron butterfly valve with EPDM liner, wafer type, PN16.

Ductile iron butterfly valve, wafer type, PN16.
Stainless steel disc, EPDM liner, nylon-coated body, handle operated.

Size and rating

DN40 - DN150, PN16

Applications

- Isolation of liquid and gasses
- Heating and cooling
- General industrial service
- HVAC

Design and test specifications

- Design according to EN 593
- Tested according to EN 12266-1

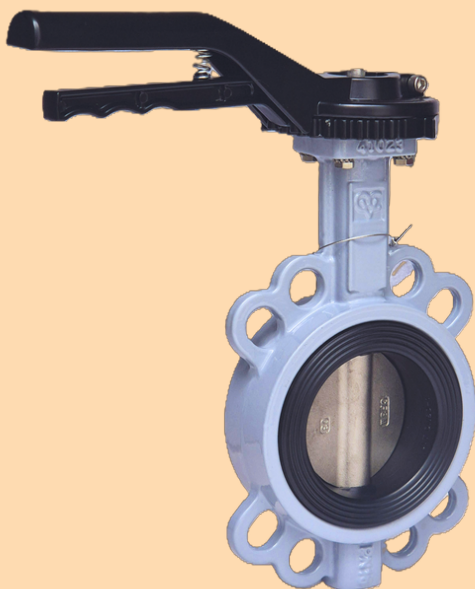
Material specifications

- Body ductile iron
- Disc stainless steel 1.4408 / AISI 316
- Liner EPDM
- Handle aluminium

Optional

For more demanding applications such as datacenters available with fully vulcanized liner (serie 671 VAG).

Also available with NBR or FKM liner.



2 Serie 671 WG

OVC ductile iron butterfly valve with EPDM liner, wafer type, PN16.

Ductile iron butterfly valve, wafer type, PN16.
Stainless steel disc, EPDM liner, nylon-coated body, gear operated.

Size and rating

DN100 - DN300, PN16

Applications

- Isolation of liquid and gasses
- Heating and cooling
- General industrial service
- HVAC

Design and test specifications

- Design according to EN 593
- Tested according to EN 12266-1

Material specifications

- Body ductile iron
- Disc stainless steel 1.4408 / AISI 316
- Liner EPDM
- Gearbox aluminium

Optional

For more demanding applications such as datacenters available with fully vulcanized liner (serie 671 VWG).

Also available with NBR or FKM liner.



3 Serie 681 AG

OVC ductile iron butterfly valve with EPDM liner, lug type, PN16

Ductile iron butterfly valve, lug type, PN16. Stainless steel disc, EPDM liner, nylon-coated body, handle operated.

Size and rating

DN40 - DN150, PN16

Applications

- Isolation of liquid and gasses
- Heating and cooling
- General industrial service
- HVAC

Design and test specifications

- Design according to EN 593
- Tested according to EN 12266-1

Material specifications

- Body ductile iron
- Disc stainless steel 1.4408 / AISI 316
- Liner EPDM
- Handle aluminium

Optional

For more demanding applications such as datacenters available with fully vulcanized liner (serie 681 VAG).

Also available with NBR or FKM liner.



4 Serie 681 WG

OVC ductile iron butterfly valve with EPDM liner, lug type, PN16

Ductile iron butterfly valve, lug type, PN16. Stainless steel disc, EPDM liner, nylon-coated body, gear operated.

Size and rating

DN100 - DN600, PN16

Applications

- Isolation of liquid and gasses
- Heating and cooling
- General industrial service
- HVAC

Design and test specifications

- Design according to EN 593
- Tested according to EN 12266-1

Material specifications

- Body ductile iron
- Disc stainless steel 1.4408 / AISI 316
- Liner EPDM
- Gearbox aluminium

Optional

For more demanding applications such as datacenters available with fully vulcanized liner (serie 681 VWG).

Also available with NBR or FKM liner.



5 Serie 46301 VAG

OVC Ductile iron butterfly valve fully vulcanized EPDM liner, double flange PN16.

Ductile iron butterfly valve, double flange, PN16. Stainless steel disc, EPDM liner vulcanized to the body, nylon-coated body, aluminum handle.

Size and rating

DN40 - DN150, PN16

Applications

- Isolation of liquid and gasses
- Heating and cooling
- General industrial service
- Datacenters
- HVAC

Design and test specifications

- Design according to EN 593
- Tested according to EN 12266-1

Material specifications

- Body ductile iron
- Disc stainless steel 1.4408 / AISI 316
- Liner EPDM vulcanized
- Handle aluminium

Optional

For less demanding applications with a loose liner (serie 46301 AG).

Also available with NBR liner.



6 Serie 46301 VWG

OVC Ductile iron butterfly valve fully vulcanized EPDM liner, double flange PN16.

Ductile iron butterfly valve, double flange, PN16. Stainless steel disc, EPDM liner vulcanized to the body, nylon-coated body, aluminum handle.

Size and rating

DN100 - DN600, PN16

Applications

- Isolation of liquid and gasses
- Heating and cooling
- General industrial service
- Datacenters
- HVAC

Design and test specifications

- Design according to EN 593
- Tested according to EN 12266-1

Material specifications

- Body ductile iron
- Disc stainless steel 1.4408 / AISI 316
- Liner EPDM vulcanized
- Handle aluminium

Optional

For less demanding applications with a loose liner (serie 46301 WG).

Also available with NBR liner.



Options

Limit switch

To be able to detect the valve position remotely, combine an OVC switchbox with an OVC butterfly valve.

Gearbox

For larger valve sizes with higher operating torques OVC can supply gearboxes, in materials such as aluminium or ductile iron.

Automated valves

All valves can be automated with pneumatic-, electric-, or an hydraulic actuator. OVC has their own range of automated valves.

Pneumatic actuator

Easy automation with pneumatic actuators, double acting or spring return. A relatively inexpensive type of automation. OVC actuators are available in aluminium or in stainless steel.

And can be supplied with
Solenoid valve
Switchbox
Positioner

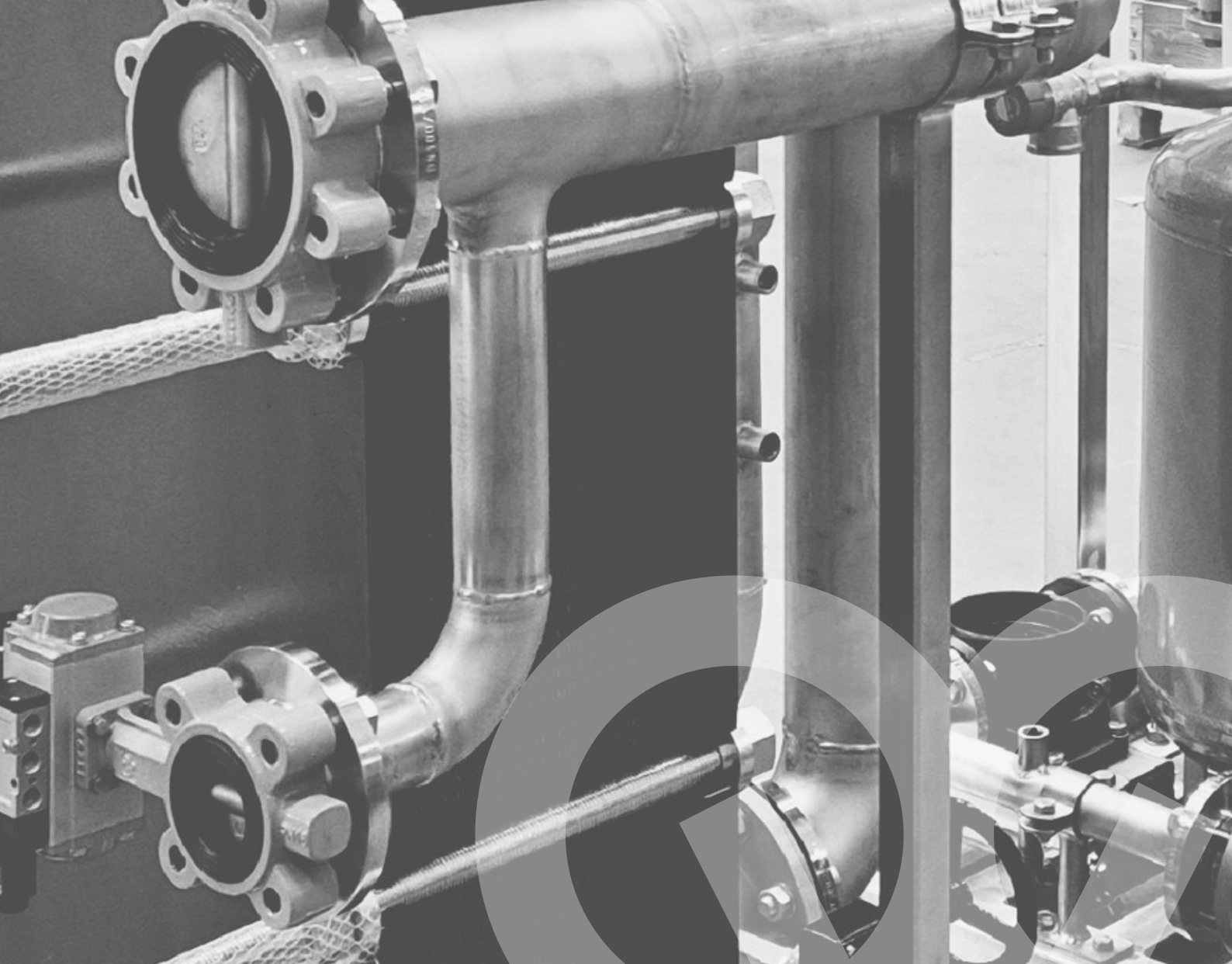
Electric actuator

OVC electric actuators are available in a wide variety of power supply ranging from 24 Vdc to 440 Vac. All actuators can be supplied with several type of field busses such as Modbus, CAN open or Profibus.

Stem extension

For valves that are difficult to access stem extensions are a great solution. OVC can supply tailor-made solutions.





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