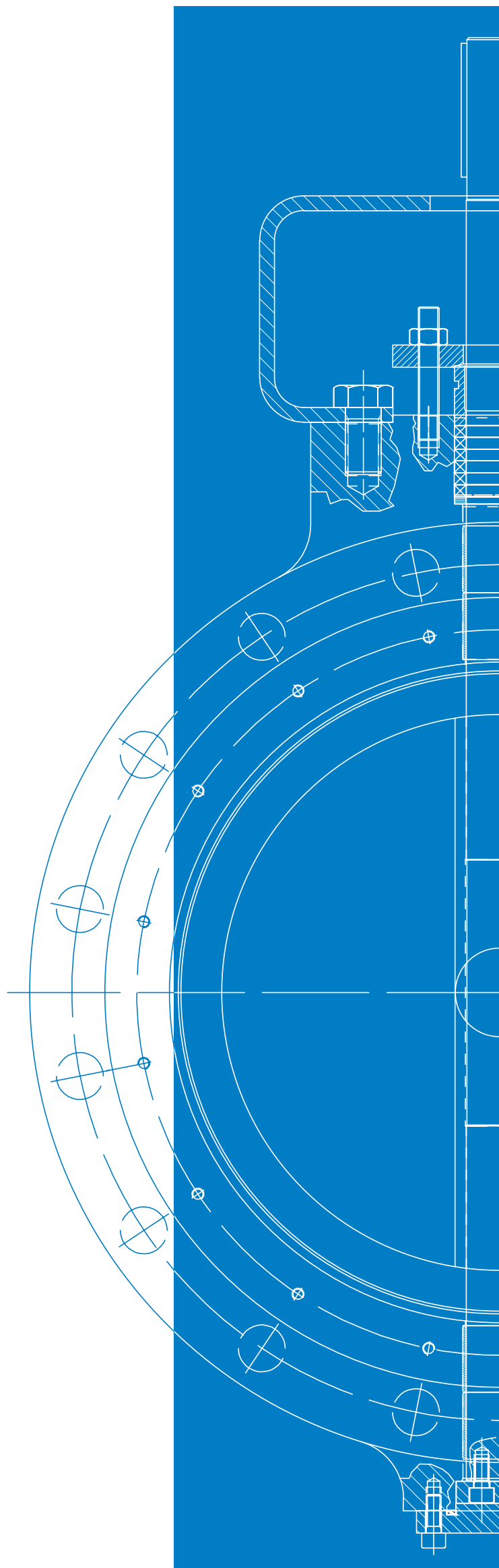




CVB VALVES S.R.L.

Triple Eccentric Butterfly (QTV)

Oil & Gas, Naval , Petrochemical, Water,
Energy & Desalination Fields



TRIPLE ECCENTRIC BUTTERFLY VALVE (QTV)

Thanks to their unique combination of control, reliability and compactness, **CVB QTV Series valves** is worldwide Customers preferred choice, the right solution to be specified in their applications.

QTV features and design makes them fit for purpose in tight shut-off, critical high pressure, high temperature or cryogenic, throttling and isolation duties.

CORE FEATURES

- Triple eccentric design
- Full metal construction
- Wide range of materials and sizes
- Resilient metal-to-metal seal
- Available with replaceable seat
- Zero leakage bi-directional tight shut-off
- Integral external position indicator on valve shaft and body
- Fire-safe and fire-tested
- External anti-blowout device
- Quarter turn friction-free operation
- Ready for control duties

BENEFITS OF QTV SERIES

Unique Triple Eccentric metal seat design to:

- Prevent wear
- Guarantee zero leakage
- Guarantee longer service life
- Allow for low operating torques
- Achieve tight seal from bi-directional pressure
- Resist to corrosion and erosion

One piece conical and inclined seat integrated body to guarantee:

- Ultimate rigidity
- Leak free performances
- Continuous flange sealing surface

One piece shaft and disc arrangement to:

- Guarantee minimal hysteresis
- Reduce pressure drop
- Improve flow capacity

Special bushing to:

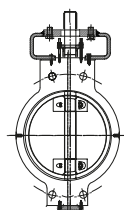
- Offer immunity to any dirt
- Guarantee service with polymeric media
- Guarantee a longer life service

Adjustable stuffing box to:

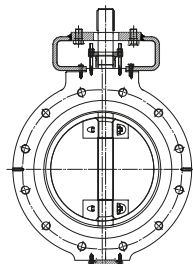
- Allow flushing
- Provide additional sealing
- Allow leakage control
- Guarantee monitoring



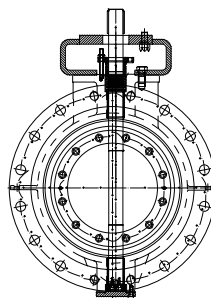
QTV_WAFER



QTV_LUG



QTV_FLG



PRODUCTION RANGE

- ND 2" – 120" ANSI Cl.150
larger size upon request
- ND 2" – 120" ANSI Cl.300
larger size upon request
- ND 3" – 60" ANSI Cl.600
larger size upon request
- ND 6" – 32" ANSI Cl.900
larger size upon request
- ND 6" – 32" ANSI Cl. 1500 body
some sizes with reduce class trim
- ND 6" – 16" ANSI Cl.2500 body
some sizes with reduce class trim

RATING

- ANSI Cl.150-300-600-900-1500-2500
- NP 6-10-16-25-40-64-100-150-250

BODY STYLES

- Wafer
- Lug
- Double Flanged – short and long pattern

For FtF dimensions, please refer to relevant technical brochure

PRESSURE LIMITS

From full vacuum up to 450 bar (2200 psi)

TEMPERATURE LIMITS

From -196°C (-320°F) up to +550°C (+1022°F)

MATERIALS

- Carbon Steel
- Stainless Steel
- Alloy Steel
- Duplex – SuperDuplex
- Monel
- Aluminium bronze
- Titanium
- Hastelloy
- Inconel

APPLICABLE STANDARDS

Design:

ANSI B16.34/ ASME VIII/ API 609

Face to face:

API 609 / ISO 5752 short

Flange:

B16.5/ B16.47/ASME VIII/ DIN/ ISO

Testing:

API 598

Fugitive emission:

ISO 150484-1

Fire test:

BS 6755-API607-ISO FDIS 10497
NORSOK

