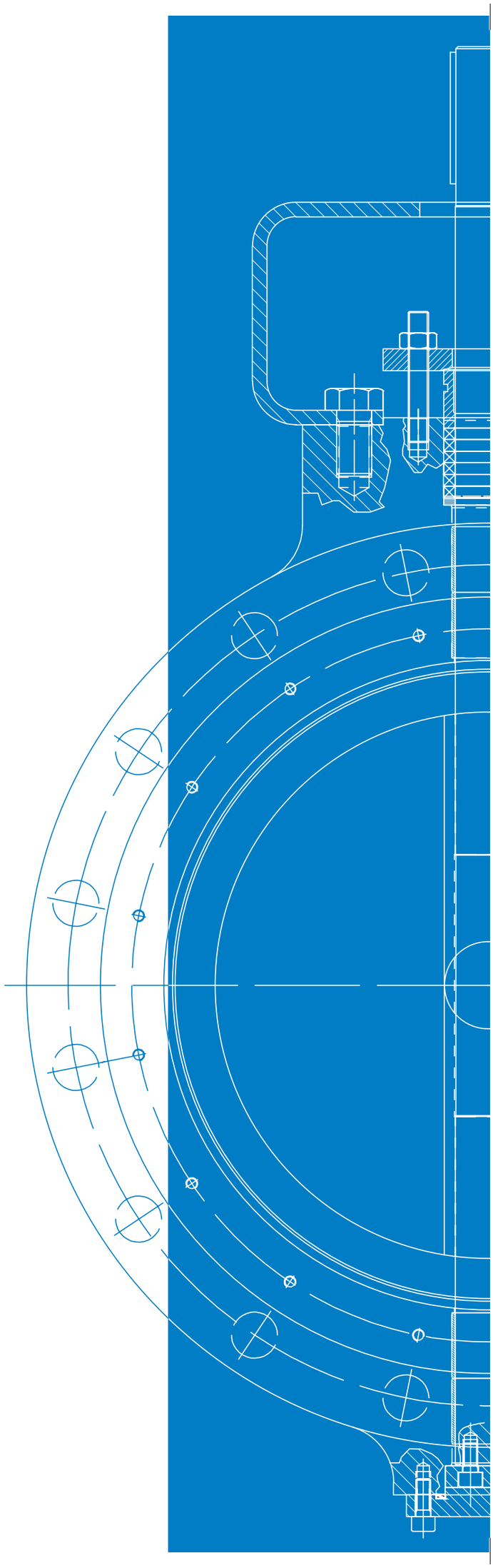
CVB VALVES S.R.L.

Double Eccentric Butterfly (HP)

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



DOUBLE ECCENTRIC BUTTERFLY VALVE (HP)

CVB HP Series valves are specified worldwide thanks to their unique combination of shutoff,control and reliability features, their compactness and fitness for purpose in critical tight shut-off isolation and control duties and combined isolation / non-return applications.

CORE FEATURES

- Double eccentric
- Zero leakage, bi-directional tight shut-off
- One single piece seating installed on the valve body (available on the disc as alternative)
- Interchangeable and adjustable seal ring
- Disc or body mounted rubber seal ormetal ring
- Self-cleaning seat
- Shaft protected from aggressive media
- Welded, bolted or integral seat
- Self-lubricating bearings
- Corrosion resistant shaft bushing

BENEFITS OF HP SERIES

One piece cast or fabricated body to:
- Guarantee ultimate rigidity
- Achieve leak free performances
- Guarantee a continuous flange sealing surface

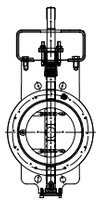
Conical centred seat to:
- Resist to corrosion
- Reduce wear from pipeline media

Heavy special section seal ring to:
- Allow for full tight shut off at pressure up to 40 bar
- Adjust compression to allow for sealing at different pressure value

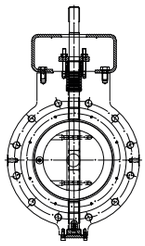
Hydro-dynamically efficient disc to:
- Improve flow capability
- Reduce pressure drop
- Reduce dynamic torque

Special bushings to:
- Prevent contamination to enter
- Work with solid particles
- Guarantee a longer service life

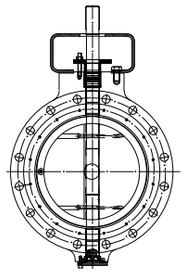
HP_WAFER



HP_LUG



HP_FLG



PRODUCTION RANGE

Nominal diameter
2” – 120” (50 - 3000 mm)
Larger size upon request

RATING

ANSI Cl.150 – CL.300
NP 6-10 – 16-25-40

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 +25 bar (355 psi) for soft seat
- From full vacuum up to +40 bar (580 psi) for metal seat

TEMPERATURE LIMITS

- From -20°C (-4°F) up to +150°C (+302°F) for soft seat
- From -196°C (-320°F) up to +550°C (+1022°F) for metal seat

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/ UNI/ AWWA M
Testing:
API 598
Fugitive emission:
ISO 150484-1
Fire test design:
BS 6755–API607-ISO FDIS 10497
NORSOK