

CENTERLINE

Butterfly Valves Series 200



CENTERLINE Butterfly Valves

Series 200

Butterfly Valves for General Applications

Crane Process Flow Technologies being a member of Crane Valve Group belong to the largest valve manufacturers worldwide. Decades of experience in valve manufacturing ensure our customers matured products and reliable supply of valves which are manufactured and tested according to the highest quality standard.

The Crane Butterfly Valve Programme now offers valves for most industrial applications ranging from the simplest in building engineering up to the highest demands in power stations, chemical or petrochemical plants.

In line with world-wide demands, our butterfly valves are manufactured according to several international standards and regulations. An extensive distribution and service network offers our customers continuous security while using Crane armatures.

CENTERLINE Butterfly Valves Series 200 for Shut Off and Control in Gas and Liquid Lines up to 16 bar and Temperatures up to 120°C.

- DN 50 - 1200
- PN 10, 16, ANSI 150
- -20°C to +120°C
- Leakage rate 1 according to EN 12266-1 to 16 bar
- For ON/OFF and control operation
- Overall length according to EN 558-1 Series 20
- Insulation possible according to heating plant regulation
- Quality assurance according to ISO 9001
- "ABS approval" for equipping ships

Ranges of Application

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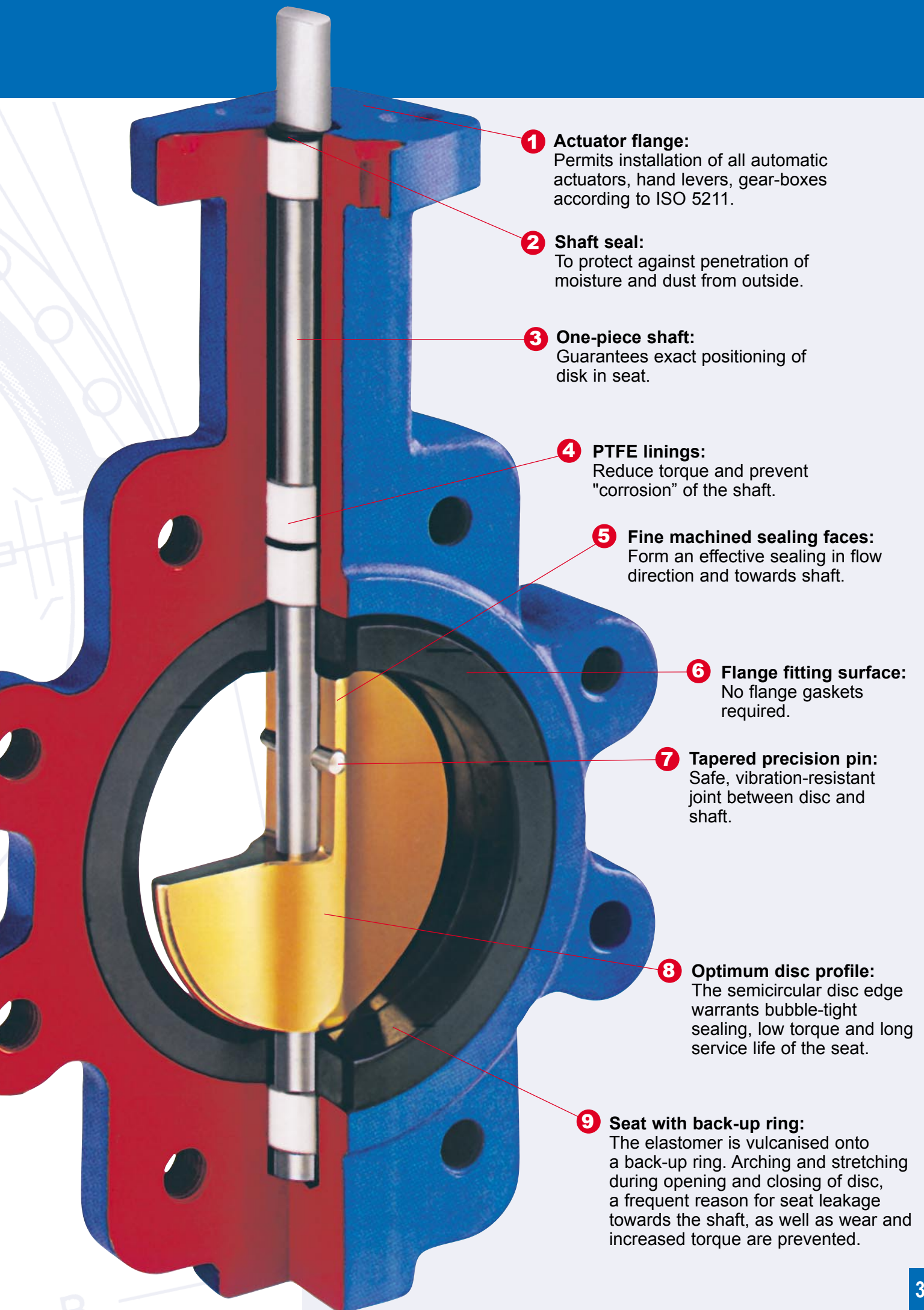
Valves of the Series 200 can be used wherever pressures of 16 bar and temperatures of 120°C are not exceeded or where the available elastomer liners and discs are resistant against the medium.

Typical Applications are:

- Water
- Cooling water
- Sewage water
- Compressed air
- Hot water plants up to 120°C

Available Versions

- Wafer body made of cast iron and nodular cast iron, lug type and double flange body made of nodular cast iron
- Liners: EPDM or NBR
- Disc: High-grade steel or aluminium-bronze
- Actuation: hand lever, gear-box or automatic actuator



1 Actuator flange:
Permits installation of all automatic actuators, hand levers, gear-boxes according to ISO 5211.

2 Shaft seal:
To protect against penetration of moisture and dust from outside.

3 One-piece shaft:
Guarantees exact positioning of disk in seat.

4 PTFE linings:
Reduce torque and prevent "corrosion" of the shaft.

5 Fine machined sealing faces:
Form an effective sealing in flow direction and towards shaft.

6 Flange fitting surface:
No flange gaskets required.

7 Tapered precision pin:
Safe, vibration-resistant joint between disc and shaft.

8 Optimum disc profile:
The semicircular disc edge warrants bubble-tight sealing, low torque and long service life of the seat.

9 Seat with back-up ring:
The elastomer is vulcanised onto a back-up ring. Arching and stretching during opening and closing of disc, a frequent reason for seat leakage towards the shaft, as well as wear and increased torque are prevented.



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