



TECHNICAL SPECIFICATION

Size Range	DN50 - DN500
Body Style	Wafer, Lug
Temperature Range ¹	-29°C to +204°C
Operating Pressure ¹	Max. 12 bar (DN50 - 300) Max. 10 bar (DN350 - 500) Max. 16 bar with bonded seat Max. 5 bar (Dead-End)
Flange Connection ²	EN 1092: PN10, PN16 ASME Class 150
Face-to-Face	EN 558, ISO 5152, API 609, ASME 16.34 or ASME B16.10
Top Flange	EN ISO 5211
Tightness Check	EN 12266, ISO 5208, API 598
Working Standard	EN 593
Marking	EN 19

¹ Depending on size and material selection.

² Additional drilling options available on request.

The Series 30/31 features a high strength one piece stem design utilising an efficient internal disc to stem connection. This resilient seated butterfly valve provides a primary and secondary seal between the disc and seat as well as the stem and seat which ensures the total encapsulation of the line media and zero external leakage.

APPROVALS & CERTIFICATES

- > PED (2014/68/EU)
- > NSF/ANSI 61-2008
- > EAC
- > SIL (IEC61508/IEC61511)
- > ATEX (2014/34/EU)
- > TA-Luft VDI 2440
- > W210
- > ABS
- > Bureau Veritas
- > DNV GL
- > KTW
- > EC 1935
- > ACS
- > WRAS

PRODUCT FEATURES

- > Dead-end service (Lug Type)
- > High flow rate, low pressure drop
- > Bi-directional bubble-tight shut-off
- > Tongue & groove seat design
- > Precision Double "D" disc to stem connection
- > Self-adjusting stem seal
- > International interchangeability and compatibility

MATERIALS

Part	Material Selection Options*
Body	Ductile Iron ⁺ , Cast Iron, Carbon Steel
Disc	Nylon-11-coated Ductile Iron ⁺ , 316 Stainless Steel ⁺ 304 Stainless Steel, Nickel-Aluminium-Bronze, Hastelloy [®] , Halar [®] -coated Ductile Iron, Duplex Stainless Steel, Super Duplex Stainless Steel
Stem	416 Stainless Steel ⁺ , Monel [®] K500, 304 Stainless Steel, 316 Stainless Steel
Seat	BUNA-N ⁺ , EPDM ⁺ , FKM [®] , White BUNA-N, Polyurethane, HTEPDM

* Material availability depends on valve size and series. Other materials are available on request.

⁺ Standard option.

