

## Düker Butterfly Valve Long Body Type 4510/Type 451 with Bypass

PN 10/16 EN 1074 part 1+2  
Face-to-face dimension EN 558 basic series 15  
Düker etec enamel finish for water

*etec*



Resilient-seated butterfly valve, with slider crank gear and adjustable end stop, etec enamel inside and outside according to EN ISO 11177 and the DEV guideline, tested for soil class III (AB DVGW GW 9), favorable flow behavior supporting entirely enamelled valve disc with double eccentric shaft bearing, bypass approx. 1/10 of the main nominal dimension, all elastomer and plastic parts according to DVGW W 270, DVGW tested and registered.

### Material

- Body, valve disc – EN-GJS-400-15 (JS 1030)
- Retaining ring - EN-GJS-500-7 (JS 1050), as of DN 700 - 1.4301
- Profile gasket - EPDM
- Shaft X20Cr 13
- Bearing bush – CC483K

All materials in contact with potable water correspond to the German UBA guidelines

### Surface protection

- inside and outside Düker etec enamel as per EN ISO 11177, DEV guideline for soil class III
- from DN 700 inside Düker etec enamel, outside 2-components epoxy paint blue RAL 5005; bypass inside and outside Düker etec enamel as per EN ISO 11177

**Field of application:** Drinking water up to +60 °C

Nominal diameter DN	Nominal pressure PN	Test pressure in bar (water)	
		Body	Seat
300–1000	10	15	11
300–1000	16	24	17.6

### Note:

On request

- Butterfly valve long face-to-face without bypass
- Butterfly valve with bloc flanges for the mounting of ventilations

Item no.	DN	PN	Bypass DN
785226	300	10	40
789126	300	16	40
785225	400	10	40
772490	400	16	40
783437	500	10	50
772998	500	16	50
783423	600	10	50
780854	600	16	50
571503	700	10	80
571624	700	16	80
572494	800	10	80
570645	800	16	80

Item No.	DN	PN	Bypass DN
312176	900	10	100
312177	900	16	100
573093	1000	10	100
782542	1000	16	100

### Operation/accessories:

- Hand wheel
- Operating key
- Stem extension set
- Electrical actuator<sup>1</sup>
- Pneumatic drive<sup>1</sup>
- Hydraulic drive<sup>1</sup>

<sup>1</sup> special design upon request

Düker GmbH

Würzburger Str. 10-16  
D-97753 Karlstadt/Main

Tel. +49 9353 791-560  
Fax +49 9353 791-8560

Internet: [www.dueker.de](http://www.dueker.de)

E-Mail: [sales.fittings-valves@dueker.de](mailto:sales.fittings-valves@dueker.de)

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Subject to modification and error