

tender file

Vortex flow control shaft VS-Control external S

Vortex flow control as throttle shaft arranged after a rainwater attenuation system. With special shaft geometry for generating a vortex for controlled rainwater discharge. Integrated, exchangeable orifice dimensioned object specifically. Subsequent adjustment of flow rate possible by replacing the orifice. Compatible with GRAF Infiltration connecting piece DN 400 (16") for an installation depth of up to 6.5 m (21' 4"). Accessibility DN 400 (16").

Technical data:

- Material: PE-LLD
- Inlet: DN 160 (6")
- Outlet: DN 200 (8")
- Offset between inlet and outlet: 315 mm (12.4")
- Dimensions (l x w x h): 615 x 470 x 885/1135 mm (24.2" x 18.5" x 34.8"/3' 9")
- Weight: approx. 12.9 kg (28.4 lbs)
- Color: grey
- Discharge capacity as a function of the water level: selectable between 2 and 35 l/s (0.53 and 9.25 US gal/s)

Product: GRAF VS-Control external S

Spare parts kit VS-Control external S

Spare parts kit for subsequent adjustment of the flow rate of the vortex flow control shaft VS-Control external S.

Technical data:

- Material: PE
- Color: grey

Product: GRAF Spare parts kit VS-Control external S

Infiltration connecting piece DN 400 (16")

Incl. profile seal, shaft extension

- Material: PE-LLD
- Connections: -
- Dimensions: useful lengths 500 / 250 mm (19.7" / 9.8")
- Alternative use: entry for GRAF Telescopic dome shaft 400 up to class D

Product: GRAF Infiltration connecting piece DN 400 (16")

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Infiltration inlet module DN 400 (16")

Incl. profile seal, entry for different pipeline geometries

- Material: PE-LLD
- Connections: 1 x DN 150 or 1 x DN 200 (1 x 6" or 1 x 8")
- Dimensions: useful lengths 680 / 590 or 500 mm (26.8" / 23.2" or 19.7")
- Alternative use:
 - entry for GRAF Telescopic dome shaft 400 up to class D
 - entry geometry for Infiltration filter strainer DN 400 (16")
 - design of an emergency overflow for VS-Control external S

Product: GRAF Infiltration inlet module DN 400 (16")

Telescopic dome shaft 400, suitable for pedestrian loading

Telescopic dome shaft 400, suitable for pedestrian loading allows the height adjustment to ensure flush level fitting with surrounding ground surface:

- Infiltration shaft system DN 400 (16")
- VS-Control external S

Flat design for a flushed closure, can be tilted by max. 5°. Including EPDM seal, sealed up to the top edge of ground. Cover with childproof lock.

- Length: 500 mm (19.7")
- Ø inner: 430 mm (16.9")
- Ø outer: 550 mm (21.7")
- Color: grass green

Product: GRAF Telescopic dome shaft 400

Telescopic dome shaft 400 class B, suitable for vehicle loading

Telescopic dome shaft 400 with cast iron cover class B 125, suitable for vehicle loading allows height adjustment to ensure flush level fitting with surrounding ground surface:

- Infiltration shaft system DN 400 (16")
- VS-Control external S

Flat design for a flushed closure, can be tilted by max. 5°. Including EPDM seal, sealed up to the top edge of ground. Cast iron cover with childproof lock.

- Length: 500 mm (19.7")
- Ø inner: 430 mm (16.9")
- Ø outer: 550 mm (21.7")
- Color: black

Product: GRAF Telescopic dome shaft 400 class B with cast iron lid, suitable for vehicle loading



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Telescopic dome shaft 400 class D, suitable for lorry-bearing

Telescopic dome shaft 400 with cast iron cover class D, suitable for lorry-bearing allows height adjustment to ensure flush level fitting with surrounding ground surface:

- Infiltration shaft system DN 400 (16")
- VS-Control external S

Flat design for a flushed closure, can be tilted by max. 5°. Including EPDM seal, sealed up to the top edge of ground.

- Length: 500 mm (19.7")
- Ø inner: 430 mm (16.9")
- Ø outer: 550 mm (21.7")
- Color: black

Product: GRAF Telescopic dome shaft 400 class D for covers by customers, suitable for lorry-bearing