

# Dimensioning sheet for vortex flow control shafts (VS-Control flex)

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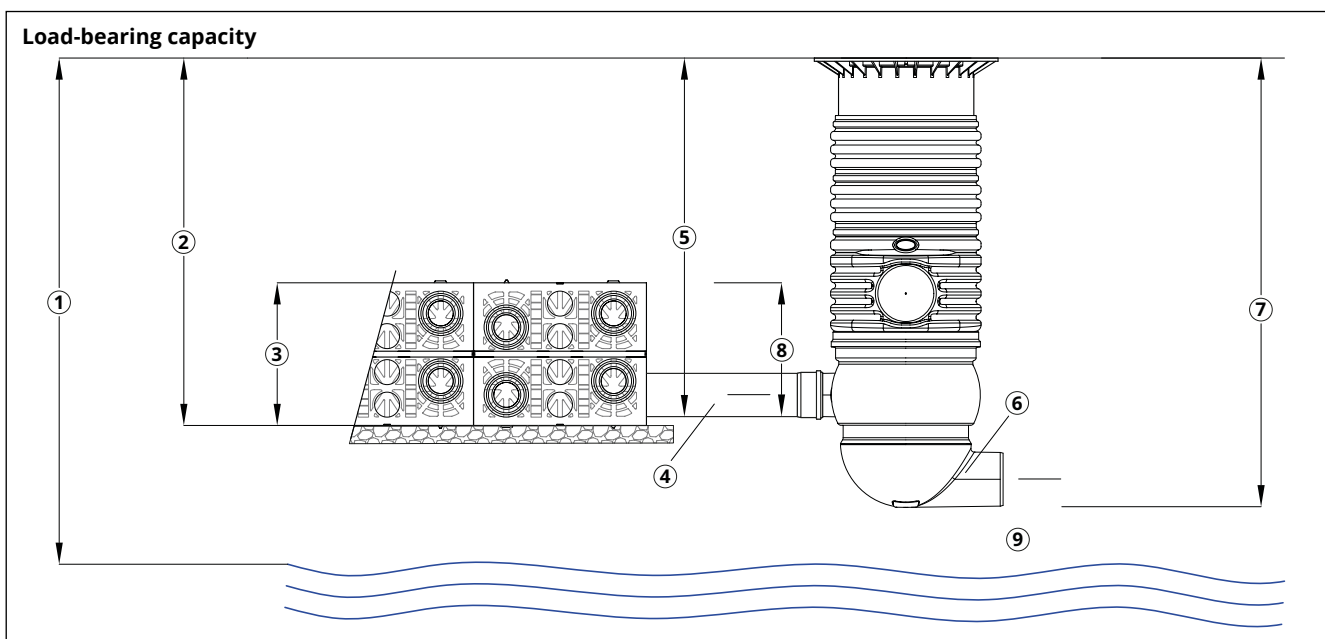
## Installation situation

<b>Distance from groundwater</b> – Top edge of ground max. groundwater level ①	_____ m
<b>Loading capacity</b> Suitable for pedestrian loading    Car    Truck 12    SLW 30    SLW 40    SLW 60	
<b>Retention system installation depth</b> – Top edge of ground to bottom edge of tank ②	_____ m
<b>Height of retention system</b> ③	_____ m
<b>Size of discharge from retention system</b> ④	<b>DN 200</b>
<b>Depth of discharge from retention system</b> – Top edge of ground to pipe bottom of discharge ⑤	_____ m
<b>Size of connection to transfer shaft</b> ⑥	<b>DN 250</b>
<b>Depth of connection to transfer shaft</b> – Top edge of ground to pipe bottom of connection ⑦	_____ m

## Throttling device measurement

<b>Retention height</b> – Retention system measurement water level ⑧ = ⑤ - (② - ③)	_____ m
<b>Discharge volume flow*</b> – Throttled max. outflow with measurement water level ⑨	_____ l/s

\*The permission discharge volumen flow is normally specified by the local water authority.



**Note:** The inlet line to the vortex flow control shaft must have a minimum length of 1.0 m in a straight line. The supply line and the discharge line must slope downwards slightly by ~0.5 %. The positioning of fittings or other equipment which have a hydraulic effect on the free flow of water downstream of the vortex flow control shaft are not permissible. Backing up must be ruled out at all times.

**Send the form sheet to [export@graf.info](mailto:export@graf.info) or fax it to +49 7641 589-50. We will check sizing or compile your initial quote speedily. We look forward to receiving your query!**