

Dimensioning sheet for vortex flow control shafts (VS-Control External):

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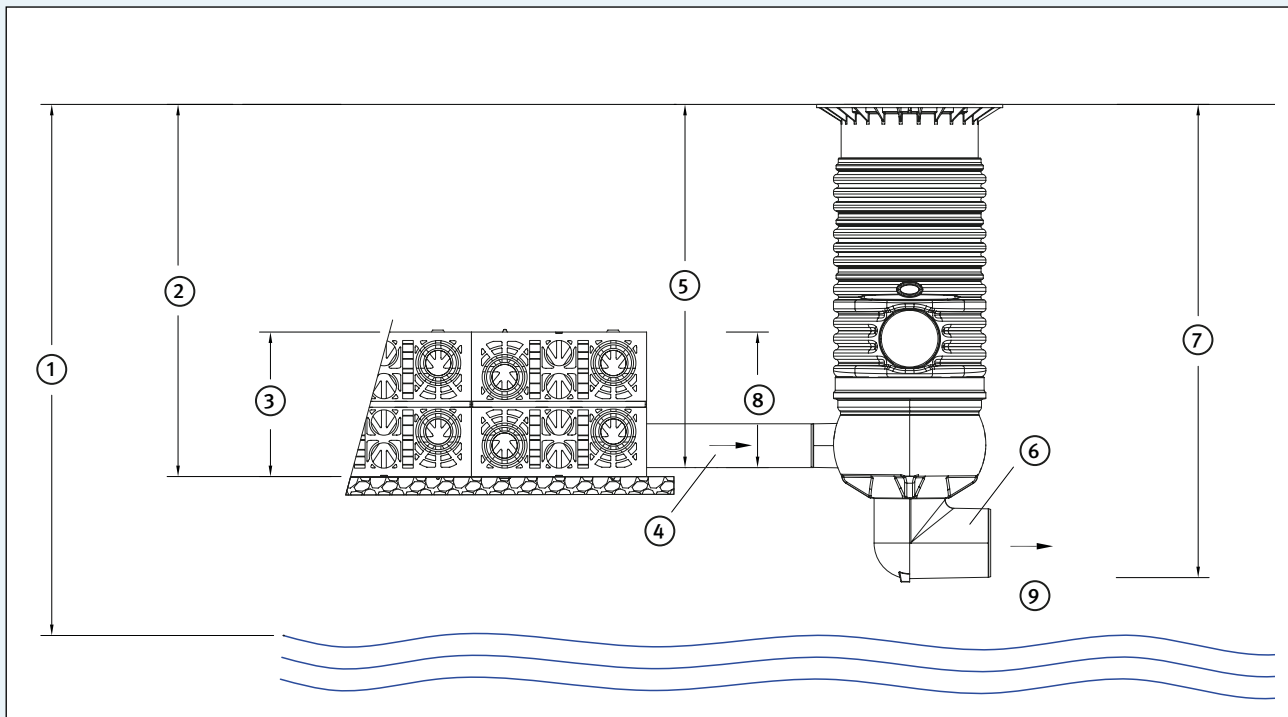
Installation situation

Distance from groundwater (top edge of ground to max. groundwater level) ①						m
Loading capacity <input type="checkbox"/> Suitable for pedestrian loading	<input type="checkbox"/> Car	<input type="checkbox"/> Truck 12	<input type="checkbox"/> SLW 30	<input type="checkbox"/> SLW 40	<input type="checkbox"/> SLW 60	
Retention system installation depth (top edge of ground to bottom edge of tank) ②						m
Height of retention system ③						m
Size of discharge from retention system ④						DN
Depth of discharge from retention system (Top edge of ground to pipe bottom of discharge) ⑤						m
Size of connection to transfer shaft ⑥						DN
Depth of connection to transfer shaft (Top edge of ground to pipe bottom of connection) ⑦						m

Throttling device measurement

Retention height (retention system measurement water level) ⑧ = ⑤ - ((②) - ③)	m
Discharge volume flow (throttled max. outflow with measurement water level) ⑨	l/s

The permissible discharge volume 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.

If you send the form to projekte@graf.info or by fax, we will calculate the required choke device for you and produce a quotation free of charge.

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