



HYDRO

VS5000 GATE VALVE

OPTIMISED FOR UNDERGROUND INSTALLATION



ZEROWATERLOSS
vonroll-hydro.world

Screw adapter for pinless connection of installation set



Spindle seal with triple O-ring seal with lubrication groove



Screwless connection between housing and cover up to DN200



Rolled stainless steel spindle (material to suit medium)



Fully vulcanised wedge with sliding blocks
Elastomers compliant with German and Swiss
hygiene requirements for materials
Material type varies according to operational medium



Housing, cover and wedge core made from ductile cast iron
Full-protection epoxy powder coating or enamel
for high corrosion resistance



VS5000 VONROLL HYDRO gate valve

Optimised for underground installation

The VS5000 fully protected slide gate valve is available in various materials and connection options. The connection options range from standard flanged valves and PE-connecting ends to double-chamber socket joints and even those with BLS socket system for use with our corporate group's BLS socket pipe and range of fittings. No matter which connection, they all boast the same reliable inner design features, superior corrosion protection and long operating life, all of which means excellent value for money for the operator. The VS5000 gate valve is DVGW / SVGW certified.

Ready for ZEROWATERLOSS

- materials, construction and corrosion protection all designed for long-lasting and reliable operation in pipe network
- made using ductile cast iron
- soft-sealing using elastomers (depending on medium)
- fully vulcanised wedge with vulcanised sliding block, guarantees at least 2500 stress cycles (DIN EN 1074-2)
- low actuating forces
- spindle made from chromium steel (material depending on application)
- spindle seal: dead space-free construction with triple O-ring seal and long-lasting lubrication
- screwless joint gate valve housing and gate valve cover up to DN200
- superior corrosion protection, epoxy powder coating full protection or from enamel DIN EN ISO 11177
- no need to pin VONROLL installation set; set can be mounted vertically in trenches using VR screwed connection, minimising installation errors

BLS socket joint DN80–200 PN16

- compatible with BLS pipe programme from VONROLL HYDRO; no screw connections to housing and pipe joint
- BLS pipe connecting system is proven to deliver exceptional technical attributes
- form-fitting longitudinal positive locking joint
- easy assembly and disassembly of the BLS socket joint
- fast and cost-effective assembly compared with flanged joint design
- highly flexible assembly (fewer fittings thanks to deflectable design)
- highly deflectable (up to 5°) with reserves in case of damage (in the event of earth movement and soil settlement)
- improved functional reliability of pipe systems
- BLS socket joints act as pipe joint



Versatile in design and application for drinking water, wastewater and gas supply.



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