

DN80 UNDERGROUND HYDRANT

Figure 2022 / 23 – New generation to last for generations





Bayonet locking

Needle bearing

EASY inspection system

Rotating stops

Spindle nut pad made from POM

Valve seat bush

ANIWAH

Figure 2022

Bayonet coupling

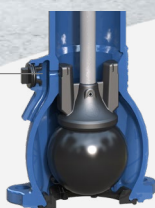


Figure 2023



STOPR version



Integrated non-return valve

Claw cover

DN80 VONROLL HYDRO UNDERGROUND HYDRANT

New generation to last for generations

Our clients benefit from the innovative product features of the new generation of hydrants

Ultra-reliable and ultra-safe

- ANIWAH: reduces water hammers on opening and closing (preserves the pipe network)
- STOPR: improved pipe network protection with STOPR non-return valve

Innovative user-friendly solutions

- uses a needle bearing for long-lasting smoothness
- improved user-friendliness, rotating stops
- innovative EASY inspection system, easy access for maintenance

Improved durability

- enclosed spindle collar bearing and bayonet locking
- spindle nut pad made from POM: improved control and protection of the coating
- high corrosion protection from enamel as per DIN EN 11177 or from epoxy powder coating as per GSK guidelines

EASY inspection system and rotating stops

Simple replacement system enables operators to disassemble and assemble the internal set of the underground hydrant. The correct position of the shut-off cone in open and closed position is clearly displayed by metallic rotation stops.

ANIWAH

(AntiWaterHammer) is already used in hydrants in Switzerland as standard. Operating principle: The geometric shape of the cast body produces a gradual reduction of the open cross-section in the closing process. This reduces potential water hammers upon closing and opening. This means the pipe network is subjected to fewer water hammers when hydrants are operated.

Valve seat bush

Figure 2022 in epoxy version – increases the durability by protecting against potential seat damage.
Figure 2023: version with enamel shut-off cone creates a seal on enamel surface.
This ceramic composite material has a high surface hardness and smooth finish.

Claw cover with STOPR – optional

With integrated non-return valve to protect the pipe system from contamination.

Bayonet coupling

On outflow unit for adapting to accessories (e.g. drainage control, control unit).

Accessories – control unit

For controlling the drainage function or water build-up in the soil.
To connect to underground hydrants with bayonet connection to hydrant outflow.



HYDRO



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