H5evo

hawle



Hawle H5evo® above-ground hydrants

10/2026

Explanatory notes on the brochure

General media information in the product descriptions may apply subject to certain restrictions. Kindly always state the relevant medium in your given application when you place an order or submit a query.

If you have any further questions about our products, please do not hesitate to contact our employees of the application engineering division at any time.

You can receive the latest information through our free newsletter. You can sign up at www.hawle.de/newsletter



Products for use in connection with potable water



In general, products sold by us are subject to the statutory warranty period of 2 years from the date of delivery at Hawle. Due to the high quality of Hawle products, we are able to offer you an extended warranty of 5 years for products manufactured by us. For more details, please see our website at: **www.hawle.de/en/warranty-extension/**



Information on our “10-year quality guarantee” for Hawle potable water products are available at the following link: **https://www.hawle.de/en/10-years-quality-warranty/**



For current information, please see our Hawle app. Further information is available at **www.hawle.de/app**

Hawle H5evo® above-ground hydrant

Above-ground hydrants are used to supply firefighting water in municipal and industrial applications.

The above-ground hydrant H5evo enables high firefighting water flow rates at low pressure loss thanks to its flow-optimized head design.

The shut-off function is performed by a shut-off cone with a PUR coating that protects against damage and wear caused by abrasive substances in the drinking water. On the H5evo®, the fixed couplings and the operating hexagon are made of durable, corrosion-resistant stainless steel.

The above-ground hydrant H5evo has a defined stop position when opening and closing.

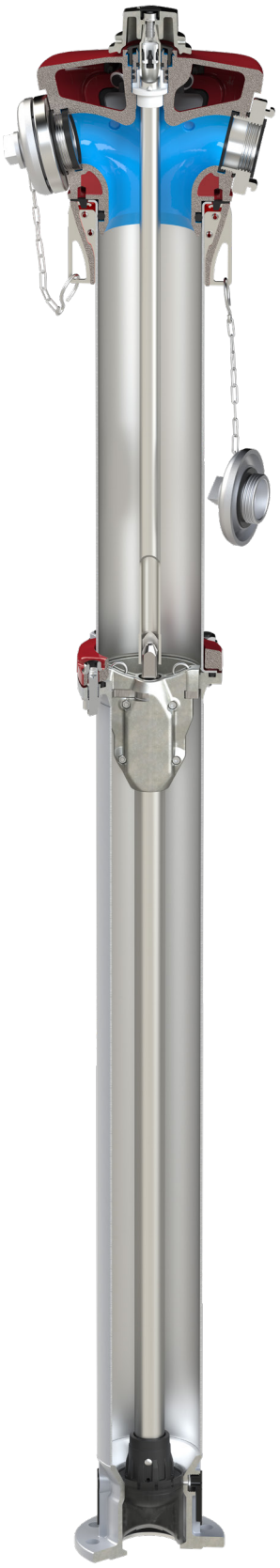
When opening, the shut-off body moves upward, closes the drain holes, and then opens the passage. Water rises and flows upward around the shut-off body.
When closing, the shut-off body is moved into the lower stop position until the passage is shut off. After 15 turns, any residual water remaining in the hydrant after closing can drain through the drain openings and the drainage element into the ground.

The integrated stone guard on the hydrant's shut-off cone protects the shut-off element from foreign objects and stones. This permanently ensures reliable shut-off function.

The riser pipe and hydrant head can each be rotated 360 degrees independently of one another, even after installation.

The Hawle above-ground hydrant H5evo is fitted as standard with a predetermined breaking point that, in the event of impact damage, ensures the tightness of the closed hydrant. Spare screws in the hydrant head allow quick and easy repair.

The Hawle above-ground hydrant H5evo is made of high-quality, corrosion-resistant materials and is resistant to disinfectants approved for use in drinking water.



Technical features

- DVGW (German Association for Gas and Water) certification without exception for all parts in contact with water
- Very low weight (max. 65 kg)
- Hydrant head and standpipe independently rotatable by 360°
- Flow-optimized components
- Fixed couplings: A according to DIN 14319, B ccording to DIN 14318 and C following DIN 14317
- Shut-off mechanism through shut-off cone with PUR coating
- Low operating torques
- Easy replaceability of shut-off mechanism during maintenance
- Shut-off body with integrated stone catcher prevents damage to shut-off mechanism
- Draining with water surge protection after closing process (two draining holes)
- Version: Hydrant with predetermined breaking point
- CE marking according to EN 14384
- Pipe cover depth from 1.00 m to 1.50 m (special lengths available on request)
- Hydrant heads available in any desired RAL color
- Predetermined breaking point extension by 100 - 800mm possible

Technical data

Hydrant head:	GJS-400, UV-resistant coating, red RAL 3003
Column:	Stainless steel with Hawle epoxy powder coating up to the predetermined breaking point
Operating rod/spindle:	Stainless steel
Shut-off cone:	TPU/Grivory
Spindle holder:	Stainless steel
Gaskets:	EPDM/PUR according to criteria document for plastics and other organic materials in contact with drinking water (UBA-KTW-BWGL transitional arrangement) of the German Federal Environmental Agency (UBA)
Medium:	Potable water
Maximum operating pressure:	16 bar
Bottom outlet:	Flange DN 80, flange DN 100 according to EN 1092-2, BAIO® spigot end according to DN 80

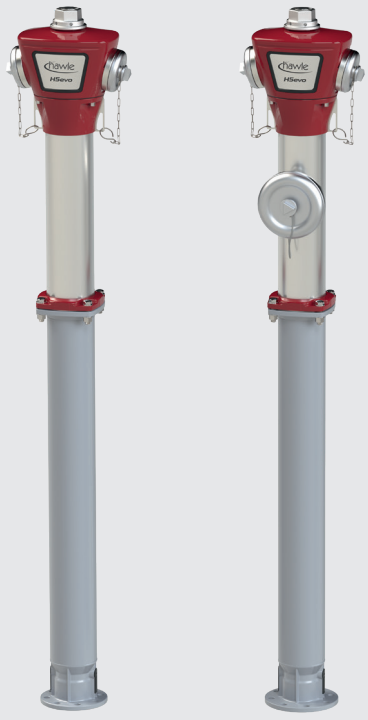
Virtual presentation H5evo®



Click here to watch the video

Versions of Hawle H5evo® above-ground hydrants

Above-ground hydrant H5evo® article number: 519-03



H5evo® above-ground hydrant with flange DN 80 / DN 100 and predetermined breaking point

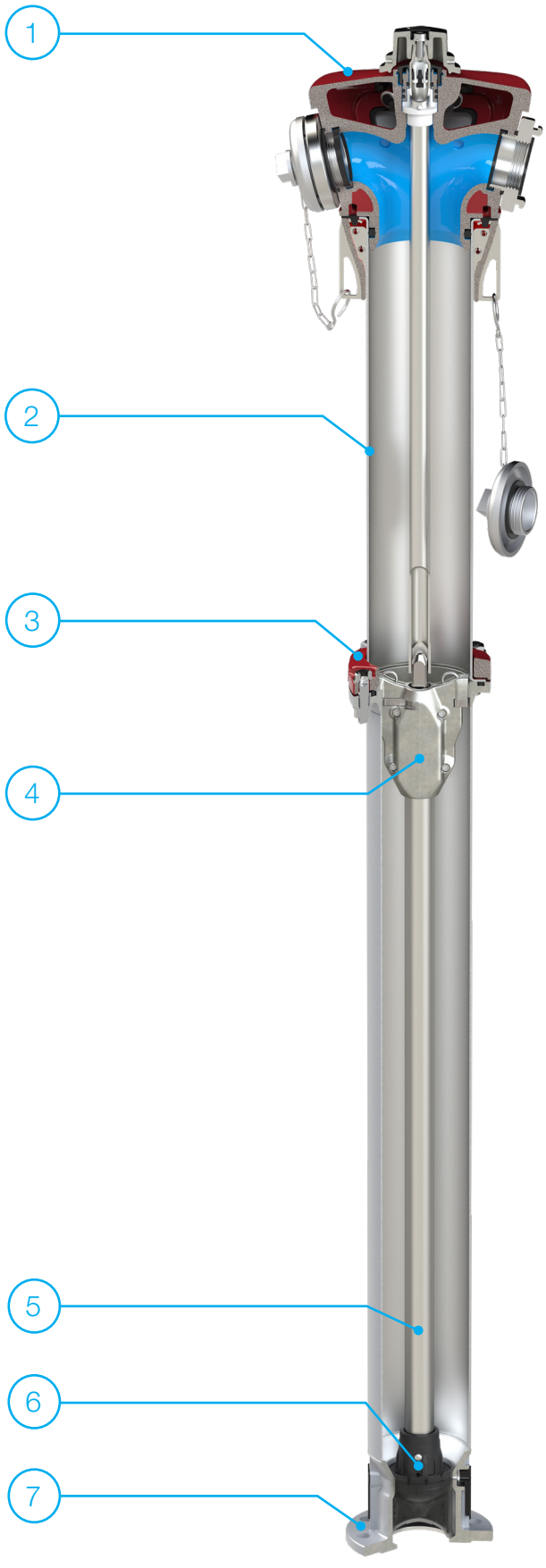


H5evo® above-ground hydrant with BAIO® spigot end and predetermined breaking point

No.:	Description	Max. operating pressure	Nominal diameter	Pipe cover depth	Outlets
519-03	H5evo® above-ground hydrant with flange and predetermined breaking point	16 bar	Flange DN 80	1.00 m, 1.25 m, 1.50 m	2B or 2C/1B
519-03	H5evo® above-ground hydrant with flange and predetermined breaking point	16 bar	Flange DN 100	1.00 m, 1.25 m, 1.50 m	2B or 2B/1A[1)]
519-03	H5evo® above-ground hydrant with BAIO® spigot end and predetermined breaking point	16 bar	BAIO® spigot end DN 80	1.00 m, 1.25 m, 1.50 m	2B

[1)] Gate valve for A coupling available on request

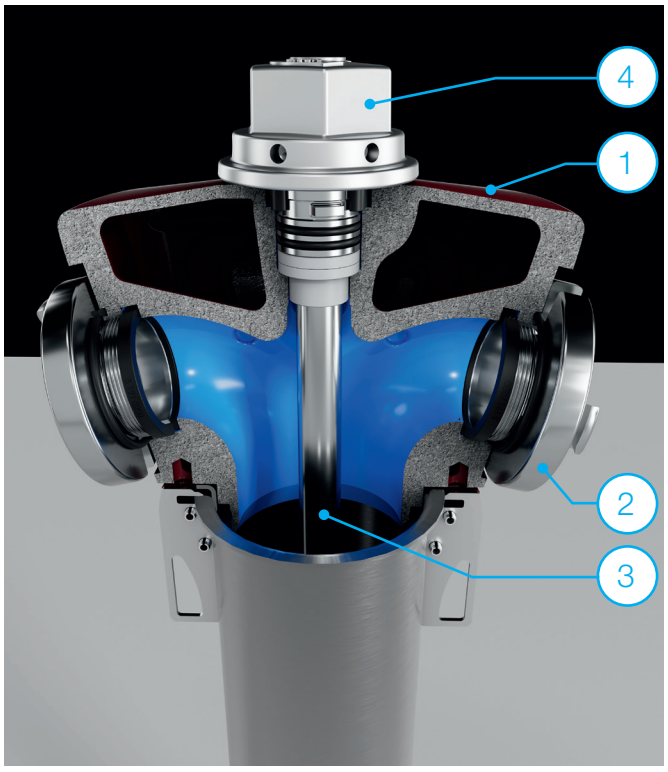
Structure of Hawle H5evo® above-ground hydrant



	Short designation	Material
1	Hydrant head	GJS-400, UV-resistant coating, red RAL 3003
2	Hydrant column, fully assembled	Stainless steel with Hawle epoxy powder coating up to the predetermined breaking point
3	Predetermined breaking point	
4	Spindle holder	Stainless steel
5	Operating pipe	Stainless steel
6	Shut-off cone	TPU/Grivory
7	Hydrant base	Stainless steel

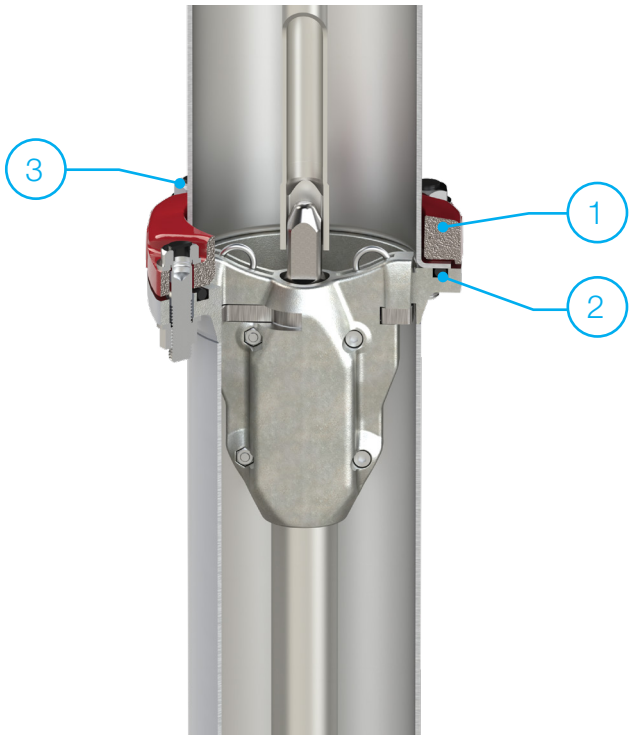
Structure of Hawle H5evo® above-ground hydrant

Hydrant head of Hawle H5evo® above-ground hydrant



No.	Short designation	Material
1	Hydrant head	GJS-400, UV-resistant coating, red RAL 3003
2	B fixed coupling	Stainless steel
3	Operating pipe Hydrant head	Stainless steel
4	Operating hexagon	Stainless steel

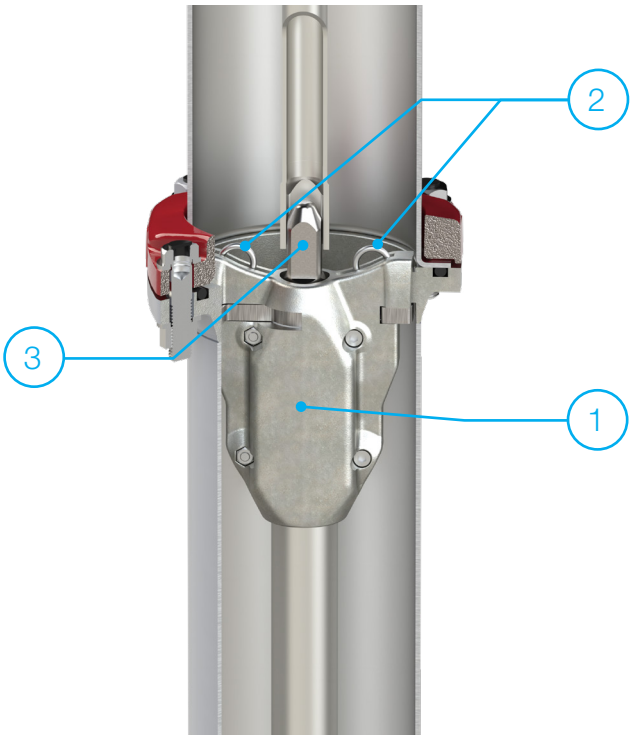
Predetermined breaking point of Hawle H5evo® above-ground hydrant



	Short designation	Material
1	Flange for predetermined breaking point to hydrant column, fully assembled	GJS-400, UV-resistant coating, red RAL 3003
2	O-ring to predetermined breaking point	EPDM
3	Screws for predetermined breaking point	Stainless steel

Structure of Hawle H5evo® above-ground hydrant

Spindle holder of Hawle H5evo® above-ground hydrant



	Short designation	Material
1	Spindle holder	Stainless steel
2	Spring cotter pin	Stainless steel
3	Spindle	Stainless steel

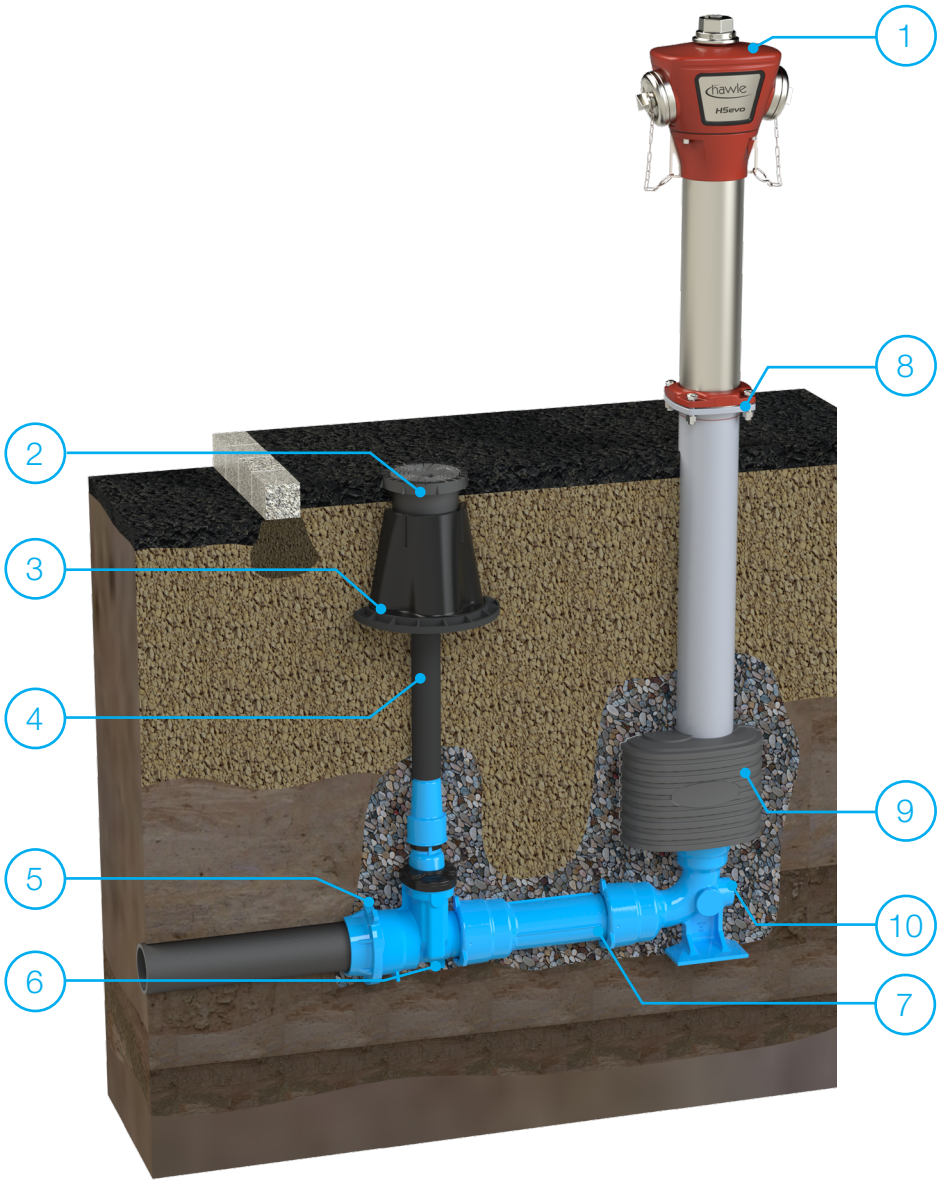
Hydrant base of Hawle H5evo® above-ground hydrant



	Short designation	Material
1	Hydrant base	Stainless steel with Hawle epoxy powder coating
2	Shut-off cone	TPU/Grivory
3	With integrated stone catcher	

Installation situation of Hawle H5evo® above-ground hydrant

	Short designation
1	H5evo® above-ground hydrant
2	Surface box
3	Base plate
4	Extension spindle
5	Restraint joint
6	HSM-Gate valve
7	SM-fitting (spigot end/ socket fitting)
8	Predetermined breaking point
9	Drainage element
10	Duckfoot bend



Custom side cover for above-ground Hydrant H5evo®



519-05
Custom side cover

The side covers on the H5evo® hydrant head can be customized with your city or town coat of arms as well as custom lettering. The visible markings make it easier to clearly identify your hydrants.

Design and customization available upon request.

Click here to watch the installation video!

Nr:	Bezeichnung	Material
519-05	Custom side cover for H5evo®	Stainless Steel or TPU

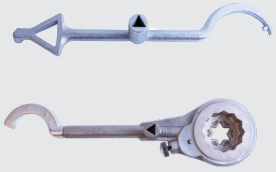
Product complements and spare parts



519-01
Drainage element for H5evo® above-ground hydrants



519-04
Extension for H5evo® above-ground hydrants



343-00 / 344-00
Operating key / Ratchet key for above-ground hydrants



519-02
Hydrant seal for above-ground Hydrants



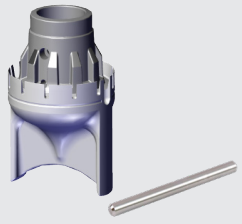
490-05
Dirt cover and locking ring for BAIO® spigot ends



490-10
Drainage hose for H5evo® above-ground hydrants



519E06 / 519E09
Hexagon bolt / Set of spare screws for predetermined breaking point in above-ground hydrants



(always replace in a set)

519E18 / 519E19
Shut-off cone / Locking pin for shut-off cone of H5evo® above-ground hydrants

For other spare parts, please see www.hawle.de/ersatzteile

No.:	Description	Material
519-01	Drainage element for H5evo® above-ground hydrants[1)]	PP (polypropylene)
519-04	Extension for H5evo® above-ground hydrants	Stainless steel
343-00 344-00	Operating key Ratchet key for above-ground hydrants	Steel, galvanized Aluminum
519-02	Hydrant seal for above-ground hydrants	plastic, red
490-05	Dirt cover and locking ring for BAIO® spigot ends, DN 80	GJS-500, Hawle epoxy powder coating Rubber sleeve: NBR
490-10	Drainage hose for H5evo® above-ground hydrants, length: 1600 mm	PE/PVC
519E06	Hexagon bolt for predetermined breaking point	Stainless steel
519E09	Set of spare screws for predetermined breaking point in above-ground hydrants	Stainless steel
519E18	Shut-off cone for H5evo® above-ground hydrants	TPU/Grivory
519E19	Locking pin for shut-off cone in H5evo® above-ground hydrants	Stainless steel

[1)] Optional accessories: Filter fleece to prevent fine-grained soil from clogging the drainage element (order no. 490 080 0500)

® For further information on our brands, please contact us at info@hawle.de or visit our website on www.hawle.de.
We deliver based on our familiar General Terms and Conditions of Sale (GTC), which are available for download.
All illustrations, technical data, dimensions and weights are non-binding. Subject to change. Last updated: 10/2026

Hawle Deutschland Armaturen GmbH
Liegnitzer Straße 6
83395 Freilassing
Germany

Tel.: +49 8654 6303-0

info@hawle.de
www.hawle.de/en/

hawle

Member of HAIDRO Group