



Technical features

Medium
Potable water

Max. operating pressure
Potable water: 16 bar

Material
Cast components: GJS-400, Hawle epoxy powder coated
Medium pipe: stainless steel, Hawle epoxy powder coated
Spindle/shut-off blade/shut-off device: stainless steel
Protection jacket: PP (polypropylene)
Gaskets: EPDM

Description
Because of the separation of operating and medium pipe the freeflow underground hydrant features considerably better hydraulic conditions in open position than hydrants with a conventional valve plug as shut-off device.

Shutting off is effected via a shut-off blade of stainless steel. Via an eccentric mechanism and a gear the shut-off blade is moved in a housing at low wear in horizontal direction against fixed metal stops.

Q = 153 m³/h at 1 bar pressure difference
Min. cross section: 70 mm

Outlet: BAIO®, flange or PE
Opening/closing: 15 revolutions
Drain-off system
CE marking

For hydrants with BAIO® spigot end outlet the dirt cover and locking ring (see supplementary products) shall be used.

For further information please refer to „General information“ at the beginning of the chapter or to „Technical description“ at the end of the chapter.

Product number *)	DN	Pipe cover depth	Connection	A	B	B1	Medium	Weight
4900800816	80	0,77	Spigot end	615 mm	280 mm	320 mm	P	26,00 kg
4900801001	80	1,00	Spigot end	795 mm	280 mm	320 mm	P	29,80 kg
4900801251	80	1,25	Spigot end	1045 mm	280 mm	320 mm	P	31,00 kg
4900801501	80	1,50	Spigot end	1295 mm	280 mm	320 mm	P	33,00 kg
4900810816	1) 80	0,79	Flange	534 mm	280 mm	320 mm	P	30,50 kg
4900811001	1) 80	1,00	Flange	740 mm	280 mm	320 mm	P	32,00 kg
4900811251	1) 80	1,25	Flange	990 mm	280 mm	320 mm	P	34,00 kg
4900811501	1) 80	1,50	Flange	1240 mm	280 mm	320 mm	P	36,00 kg
4900821001	80	1,00	PE D 90	860 mm	280 mm	320 mm	P	31,00 kg
4900821251	80	1,25	PE D 90	1110 mm	280 mm	320 mm	P	33,00 kg
4900821501	80	1,50	PE D 90	1360 mm	280 mm	320 mm	P	35,00 kg
4900831001	80	1,00	PE D 110	860 mm	280 mm	320 mm	P	30,00 kg
4900831251	80	1,25	PE D 110	1110 mm	280 mm	320 mm	P	33,00 kg
4900831501	80	1,50	PE D 110	1360 mm	280 mm	320 mm	P	36,00 kg

1) with flange connection DN 100 on request.

Special lengths on request.

Alternatively: version with push-on cover (factory preinstalled) model no.: 4900800520

Breakaway set/predetermined breaking point on request

Additional cost for suction drainage device (Order No.: 4910800505) for fixed installation in ground area water

Product add-ons:

Operating key see chapter 18, Shortening set for Hawle-freeflow underground hydrant see chapter 10

Dirt cover and locking ring see chapter 1, Drainage element see chapter 10

Surface boxes and base plates see chapter 12, Extension set for Hawle freeflow underground hydrant see chapter 10

Extension set for Hawle freeflow underground hydrant

490V



Technical features

Medium
Potable water

Max. operating pressure
Potable water: 16 bar

Material
Coupling plate/flange: GJS-400, Hawle epoxy powder coated
Medium pipe: stainless steel, Hawle epoxy powder coated
Protection jacket: PP (polypropylene)
Gaskets: EPDM

Description

The extension set for Hawle freeflow underground hydrants permits an extension of the hydrant at a later date even with the hydrant installed.

The extension set is available at lengths of 100 - 500 mm (see table).

Product number	DN	Extensions	Medium	Weight
4900008100	80	100 mm	P	6,20 kg
4900008150	80	150 mm	P	6,00 kg
4900008170	80	170 mm	P	6,40 kg
4900008200	80	200 mm	P	6,60 kg
4900008250	80	250 mm	P	7,00 kg
4900008300	80	300 mm	P	7,30 kg
4900008350	80	350 mm	P	7,70 kg
4900008400	80	400 mm	P	8,40 kg
4900008450	80	450 mm	P	8,40 kg
4900008500	80	500 mm	P	8,70 kg

Special lengths on request.

P = Potable water G = Gas S = Sewage water C = Cable

Shortening set for Hawle freeflow underground hydrant

490K



Technical features

Medium
Potable water

Max. operating pressure
16 bar

Material
Coupling plate: GJS-400, Hawle epoxy powder coated
Grip ring: stainless steel

Description

The shortening set for freeflow underground hydrants permits shortening of the hydrant at a later date even with the hydrant installed. The shortening set consists of a coupling plate and a clamping segment.

Screwing the clamping segment with the coupling plate at the standpipe of the underground hydrant results in a restraint connection.

Product number	DN	Description	Medium	Weight
4900800780	80	coupling plate + clamping segment	P	2,90 kg