



AF02/4 **OVERGROUND FIRE HYDRANT SMART
TYPE 1218 WITH DOUBLE SHUT-OFF**

DN100

Application:



Waterworks and fire-fighting installations.



Design features

- Overground hydrant with double closure type A (unbroken design) for quick use during fire and temporary connection to the water supply network
- All Materials resistant to disinfection
- Connection to water supply networks using N and FF fittings
- Self-draining when completely closed
- Light weight of the hydrant enables quick and simple installation
- Good hydraulic characteristics
- No need to dig out the hydrant in case of replacement of damaged parts

Technical Details

Maximum Working Pressure PFA:

16 bar / PN16

Construction complies to:

EN 14384, EN 1074-6, Regulation 304/2011

Resistance to operating load:

DN 100 MOT = 100 Nm,
MST = 250 Nm

Outlets for connecting fire hose:

Standard
DN 100 MOT = 100 Nm, MST = 250 Nm

Drainage:

Time for draining = 5 min/m

Certification:

CPR - CNBOP, Hygienic Certificate PZH

Flange Type:

EN 1092-2, PN10/16

Coating:

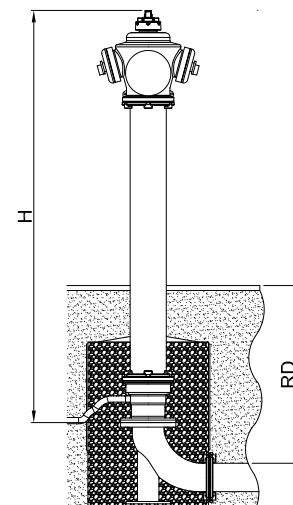
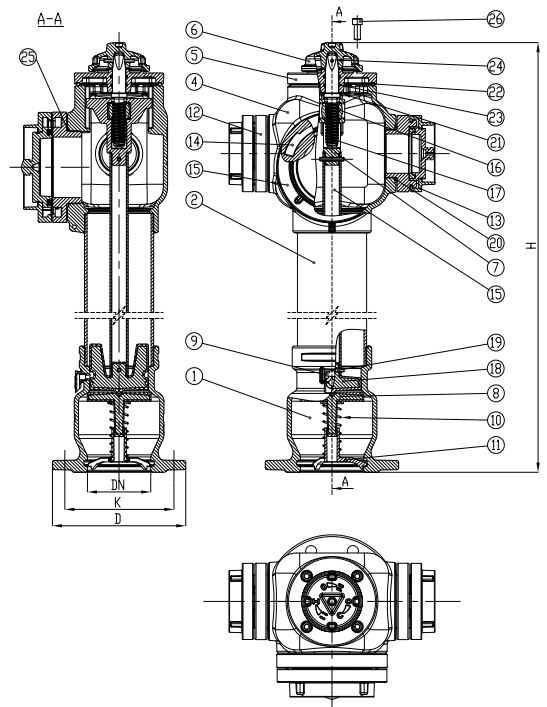
Internal coating: Electrostatically applied epoxy coating with a minimum thickness of 250 µm.
External coating: Electrostatically applied epoxy coating with a minimum thickness of 250 µm UV resistant





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No	Part Name	Material
1	Hydrant Base	Ductile Iron EN-GJS-500-7
2	Column	1.0037 (S235JR) 1.4301 (OH18N9) SS304 EN GJS-500-7
3	Rod	1.4301 (OH18N9) SS304
4	Head	Ductile Iron EN-GJS-500-7
5	Cover	Ductile Iron EN-GJS-500-7
6	Operating Nut	Ductile Iron EN-GJS-500-7
7	Guide	Ductile Iron EN-GJS-500-7
8	Bottom Closing Piston	EN-GJS-500-7+EPDM
9	Drainage Plug	Polyethylene
10	Slider Spring	Stainless Steel 1.4310 (X10CrNi18-8)
11	Piston Guide	PP (Polipropylen)
12	Base 75	Aluminium Ak-11 (ALSi 11)
13	Cover 75	Aluminium Ak-11 (ALSi 11)
14	Base 110	Aluminium Ak-11 (ALSi 11)
15	Cover 110	Aluminium Ak-11 (ALSi 11)
16	Nut	Brass CW617N (CuZn40Pb2)
17	Bolt	Stainless Steel 1.4021 (2H13)
18	Top Closing Piston	EN-GJS-500-7+EPDM
19	Pin	Stainless Steel 1.4310 (X10CrNi18-8)
20	O-Ring	Elastomer EPDM
21	Washer	Stainless Steel 1.4301 (OH18N9)
22	Special Seal	Elastomer EPDM
23	O-Ring	Elastomer EPDM
24	Pin	Stainless Steel 1.4021 (2H13)
25	O-Ring	Elastomer EPDM
26	Bolt	Steel S235JR / Galvanized



Dimension (mm & kg)

DN	Rd	H	Connecting flange				Weight
			D	K	n	b	
100	1000/1250	1950	220	180	8	19	49,4
	1250/1500	2150					52,0
	1500	2350					54,7

Rd - recommended construction depth
H - total height of the hydrant

DN	Rd	H	AF02/4		
			Column structural steel S235JR	Column stainless steel SS304	Column ductile iron EN GJS-500-7
100	1000/1250	1950	*	*	*
	1250/1500	2150	AF0769	*	AF0771
	1500	2350	AF0770	*	AF0772

* on request