

**AF02/2 OVERGROUND FIRE HYDRANT SMART
TYPE 1212 WITH DOUBLE SHUT-OFF**

DN80

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
- Rotating flange - for easier installation rotates 0° to 360°
- 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 80 MOT = 80 Nm,
MST = 250 Nm

Outlets for connecting fire hose:

Standard
DN 80 2 x B

Drainage:

Time for draining = 5 min/m

Certification:

CPR - CNBOP, Hygienic Certificate PZH

Flange Type:

EN 1092-2, PN10/16

Coating:

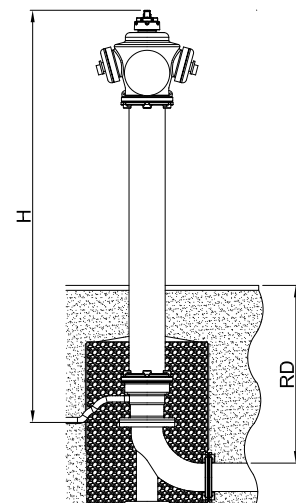
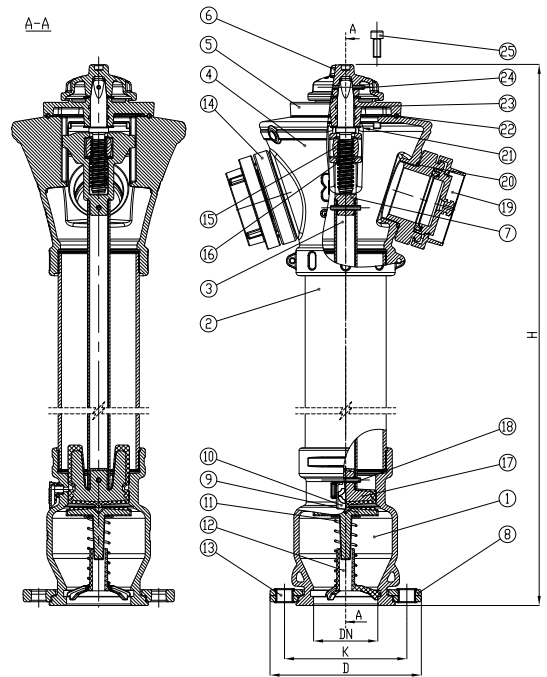
Internal coating: Electrostatically applied epoxy coating with a minimum thickness of 250 µm.
External coating: Electrostatically applied epoxy coating with a minimum thickness of 250 µm UV resistant





AF02/2

No	Part Name	Material
1	Hydrant Base	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	EN-GJS-500-7
5	Cover	EN-GJS-500-7
6	Operating Nut	EN-GJS-500-7
7	Guide	EN-GJS-500-7
8	Half-ring	EN-GJS-500-7
9	Shut-off Pistons	EN-GJS-500-7+EPDM
10	Drainage Plug	Polyethylene
11	Tightening Spring	1.4310 (X10CrNi18-8)
12	Pistons Guide	PP (Polipropylen)
13	Bushing	2.0090 (Cu-DHP)
14	Base 75	Ak-11 (ALSi 11)
15	Nut Tr	2.0402 (CuZn40Pb2)
16	Bolt Tr	1.4021 (2H13)
17	Closing Pistons	EN-GJS-500-7+EPDM
18	Pin	Spring Steel
19	Cover 75	Ak-11 (ALSi 11)
20	O-Ring	EPDM
21	Washer	1.4301 (OH18N9)
22	Special Seal	EPDM
23	O-Ring	EPDM
24	Pin	1.4021 (2H13)
25	Bolt	S235JR / Galvanized



Dimension (mm & kg)

DN	Rd	H	Connecting flange				Weight
			D	K	n	b	
80	1000/1250	1950	200	160	8	19	36,2
	1250/1500	2150					38,8
	1500	2350					41,3

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

DN	Rd	H	AF02/2			
			Column structural steel S235JR	Column stainless steel SS304	Column ductile iron EN GJS-500-7	Column steel hot-dip galvanized S235JR
80	1000/1250	1950	AF0732	AF0735	AF0738	AF0741
	1250/1500	2150	AF0733	AF0736	AF0739	AF0742
	1500	2350	AF0734	AF0737	AF0740	AF0743