



AF02/3 **OVERGROUND FIRE HYDRANT SMART
TYPE 1214
WITH DOUBLE SHUT-OFF, BREAKABLE**

DN80

Application:



Waterworks and fire-fighting installations.



Design features

- Overground hydrant with double closure type C (broken 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:

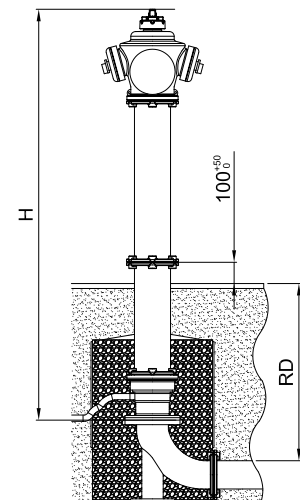
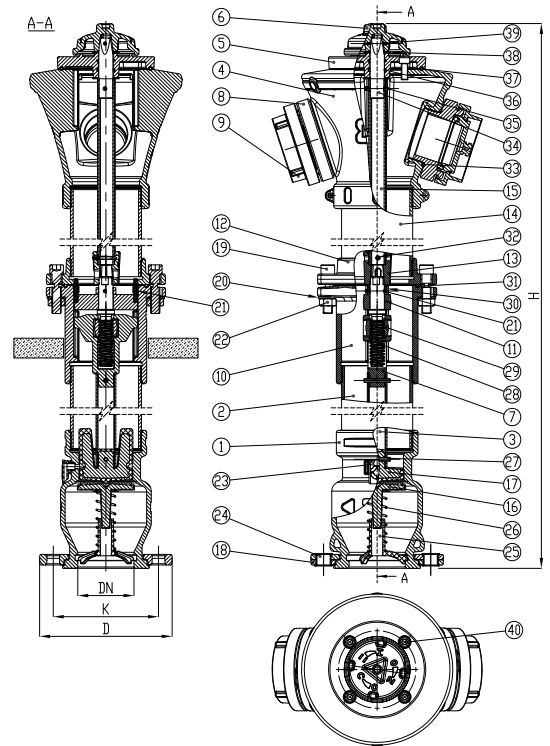
Internal coating: Electrostatically applied epoxy coating with a minimum thickness of 250 µm.
External coating: Electrostatically applied epoxy coating with a minimum thickness of 250 µm UV resistant





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No	Part Name	Material
1	Hydrant Base	EN-GJS-500-7
2	Underground 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	Base 75	Ak-11 (ALSi 11)
9	Cover 75	Ak-11 (ALSi 11)
10	Underground Column	EN-GJS-500-7
11	Lock	EN-GJS-500-7
12	Top Flange	EN-GJS-500-7
13	Base	EN-GJS-500-7
14	Overground Column	1.0037 (S235JR) 1.4301 (OH18N9) SS304 EN GJS-500-7
15	Top Rod	1.4301 (OH18N9) SS304
16	Bottom Closing Piston	EN-GJS-500-7+EPDM
17	Top Closing Piston	EN-GJS-500-7+EPDM
18	Half-ring	EN-GJS-500-7
19	Special Bolt	1.4301 (OH18N9)
20	Washer	1.4301 (OH18N9)
21	Pin	1.4021 (2H13)
22	Nut	1.4401 (AISI 316)
23	Drainage Plug	Polyethylene
24	Collet	2.0090 (Cu-DHP)
25	Piston Guide	PP (Polipropylen)
26	Slider Spring	1.4310 (X10CrNi18-8)
27	Pin	1.4310 (X10CrNi18-8)
28	Bolt	1.4021 (2H13)
29	Nut	2.0402 (CuZn40Pb2)
30	Distance Bushing	1.0037 (S235JR)
31	O-Ring	EPDM
32	Pin	1.4310 (X10CrNi18-8)
33	O-Ring	EPDM
34	Top End	1.4021 (2H13)
35	Pin	1.4310 (X10CrNi18-8)
36	O-Ring	EPDM
37	Special Seal	EPDM
38	Washer	1.4301 (OH18N9)
39	Pin	1.4021 (2H13)
40	Bolt	S235JR / Galvanized



Dimension (mm & kg)

DN	Rd	H	Connecting flange				Weight
			D	K	n	b	
80	1000	1950	200	160	8	19	50,7
	1250	2150					53,3
	1500	2350					55,8

Rd - recommended construction depth

H - total height of the hydrant

DN	Rd	H	AF02/3		
			S235JR	SS304	EN GJS-500-7
80	1000	1950	*	*	*
	1250	2150	AF0763	AF0765	AF0767
	1500	2350	AF0764	AF0766	AF0768