



AF02/8

OVERGROUND FIRE HYDRANT TYPE 2018-C WITH DOUBLE SHUT-OFF, BREAKABLE

DN80 - DN100

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
- Hydrant head fixation on any position (360°) after 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 80 MOT = 125 Nm,
MST = 250 Nm

Outlets for connecting fire hose:

Standard DN80 2 x B
DN100 2 x B 1 x A

Drainage:

Time for draining = 5 min/m

Certification:

WRAS, W270, KTW, CPR - CNBOP, Hygienic
Certificate PZH, GSK-RAL, DVGW

Flange Type:

EN 1092-2, PN10/16

Coating:

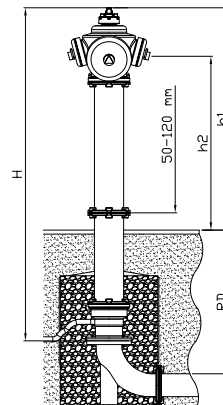
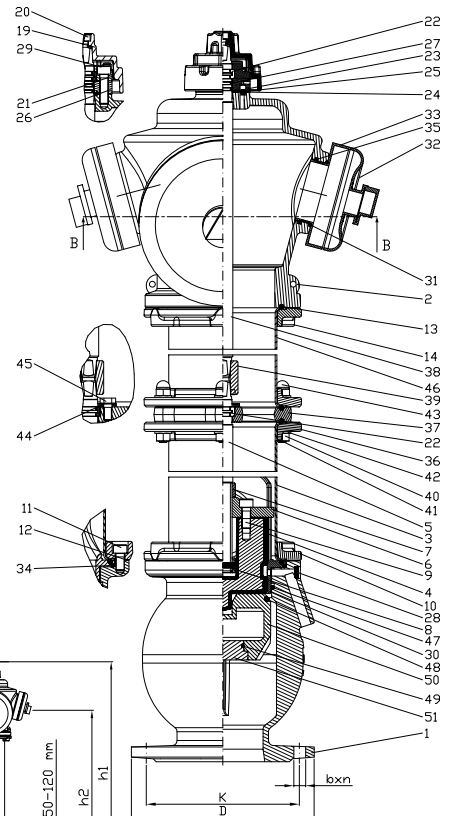
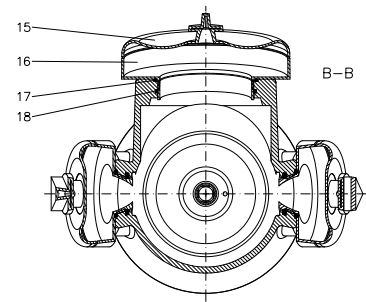
Internal coating: Electrostatically applied epoxy
coating with a minimum thickness of 250 µm.
External coating: Electrostatically applied epoxy
coating with a minimum thickness of 250 µm,
plus an additional UV-resistant layer of at least
80 µm.





No	Part Name	Material
1	Valve	Ductile Iron EN-GJS-400-15
2	Head	Ductile Iron EN-GJS-400-15
3	Column	Stainless Steel 1.4305; 1.4571
4	Piston	EN-GJS-400-15 + EPDM
5	Spindle	Stainless Steel 420
6	Spindle Nut	Brass CW614N
7	Limiter	Brass CW614N
8	Limiter	Brass CW614N
9	Screw	Stainless Steel A2-70
10	Flange B	Ductile Iron EN-GJS-400-15
11	Screw	Stainless Steel A2-70
12	Washer	Poliamid PA
13	Gasket	Elastomer EPDM
14	Flange R	Ductile Iron EN-GJS-400-15
15	Cap A	Aluminum
16	Coupling A	Aluminum
17	O-ring	Elastomer EPDM
18	Gasket A	Elastomer EPDM
19	Operating Cap	Aluminum
20	Screw	Stainless Steel A2-70
21	Cap	Aluminum
22	Limiter	Brass CW614N
23	O-ring	Elastomer EPDM
24	Air Valve	Elastomer EPDM
25	O-ring	Elastomer EPDM
26	POM Bearing	CENTRODAL W
27	O-ring	Elastomer EPDM
28	Plug	HD-PE
29	Screw	Stainless Steel A2-70
30	Sealing Ring	Stainless Steel
31	O-ring	Elastomer EPDM
32	Cap B	Aluminum
33	Coupling B	Aluminum
34	O-ring	Elastomer EPDM
35	Gasket B	Elastomer EPDM
36	Flange L	Ductile Iron EN-GJS-400-15
37	Breaking Part	Ductile Iron EN-GJS-400-15
38	Spindle Z	Stainless Steel 420
39	Clutch	Ductile Iron EN-GJS-400-15
40	Nut	Stainless Steel A2-70
41	Safety Screw	Stainless Steel A2-70
42	Washer	Stainless Steel A2-70
43	Nut	Stainless Steel A2-70
44	Washer	Stainless Steel 304
45	Screw	Stainless Steel A2-70
46	Column	Stainless Steel 1.4305; 1.4571
47	O-ring	Elastomer EPDM
48	O-ring	Elastomer EPDM
49	O-ring	Elastomer EPDM
50	Float	CENTRODAL W
51	Float Cap	CENTRODAL W

Kv [m³/h] DN80, DN100			
Min Kv required	160	80	140



Dimension (mm & kg)

DN	AF02/8	Rd	H	h1	h2	D	K	n	b	Weight
80	AF0708	750	1550	975	828	200	160	8	19	41
	AF0709	1000	1800							43,5
	AF0710	1250	2050							46
	AF0711	1500	2300							48,5
100	AF0712	750	1550	975	828	220	180	8	19	46,5
	AF0713	1000	1800							49
	AF0714	1250	2050							51,5
	AF0715	1500	2300							54

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

Manufactured for AEON by IMP.

