AF02/7

OVERGROUND FIRE HYDRANT TYPE 2018-A (AUD) WITH DOUBLE SHUT-OFF

DN80 - 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
- 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

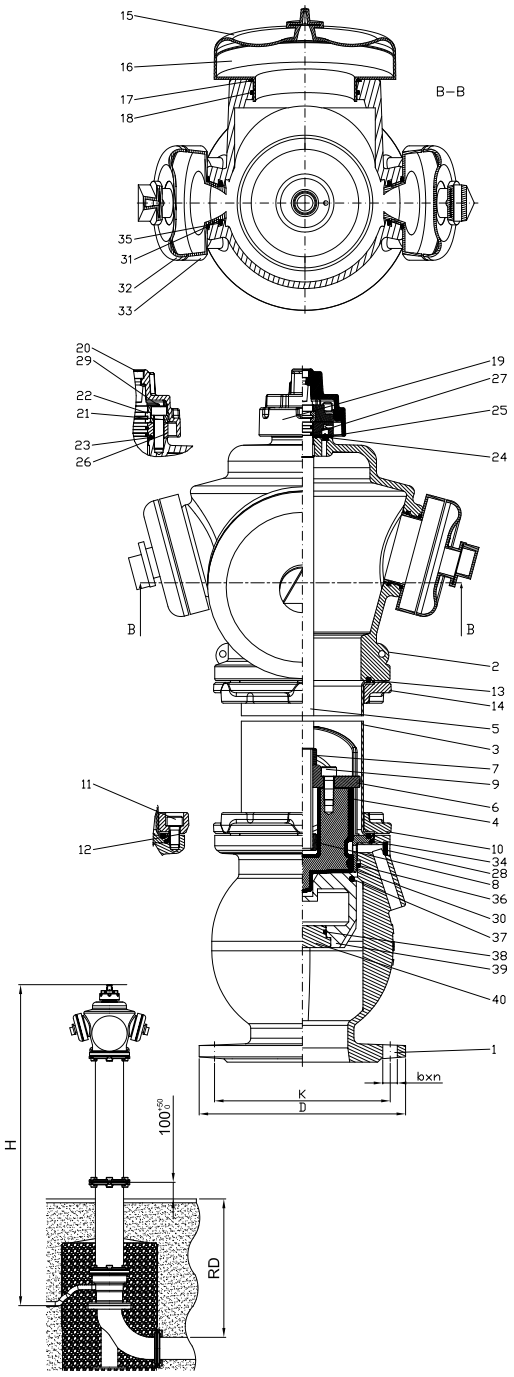
Technical Details

Maximum Working Pressure PFA: 16 bar / PN16	**Drainage:** Time for draining = 5 min/m
Construction complies to: EN 14384, EN 1074-6, Regulation 304/2011	**Certification:** WRAS, W270, KTW, CPR - CNBOP, Hygienic Certificate PZH, GSK-RAL, DVGW
	Flange Type: EN 1092-2, PN10/16
Resistance to operating load: DN 80 MOT = 125 Nm, MST = 250 Nm	**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.
Outlets for connecting fire hose: Standard DN80 2 x B DN100 2 x B 1 x A	

AF02/7

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	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	O-ring	Elastomer EPDM
37	O-ring	Elastomer EPDM
38	O-ring	Elastomer EPDM
39	Float	CENTRODAL W
40	Float Cap	CENTRODAL W

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



Dimension (mm & kg)

DN	AF02/7	Rd	H	h1	h2	Connecting flange				Weight
						D	K	n	b	
80	AF0700	750	1550	975	828	200	160	8	19	41
	AF0701	1000	1800							43,5
	AF0702	1250	2050							46
	AF0703	1500	2300							48,5
100	AF0704	750	1550	975	828	220	180	8	19	46,5
	AF0705	1000	1800							49
	AF0706	1250	2050							51,5
	AF0707	1500	2300							54

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

Manufactured for AEON by IMP.