



AF02/1

OVERGROUND FIRE HYDRANT AQUASMART TYPE 1205A WITH SINGLE SHUT-OFF

DN80

Application:



Waterworks and fire-fighting installations.



Design features

- Overground hydrant with single closure type A (unbroken design) for quick use during fire and temporary connection to the water supply network
- Self-draining when completely closed
- Connection to water supply networks using N and FF fittings
- Light weight of the hydrant enables quick and simple installation
- Seal enables self-cleaning of the sealing area
- 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:

Drainage:

Construction complies to:

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

Certification:

CPR, CNBOP, PZH

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.

Outlets for connecting fire hose:

Standard DN 80 2 x B

External coating: Electrostatically applied epoxy coating, plus an additional UV-resistant layer.

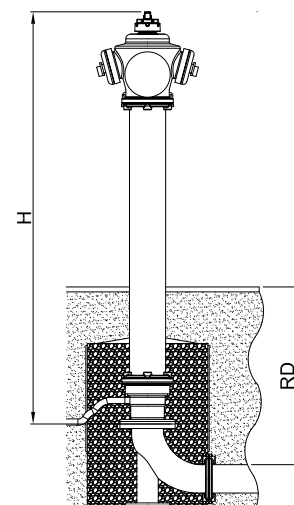
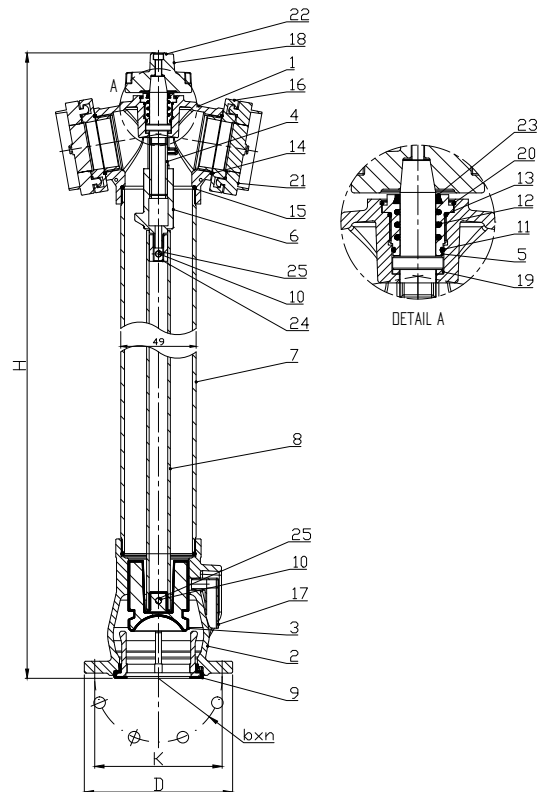




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NO	Part Name	Material
L	Head	Ductile Iron EN-GJS-500-7
2	Lower Head	Ductile Iron EN-GJS-500-7
3	Disc	EN-GJS-500-7 + EPDM
4	Stem	Stainless Steel 420
5	Gland Bush	Brass CW612N
6	Wedge Nut	Brass CW612N
7	Hydrant Column	Steel 1.0037 (S235JR)
8	Reconnection Pipe	Stainless Steel 304
9	Flange Bush	EPDM + PCW
10	Pin	Stainless Steel 420
11	O-Ring	Elastomer EPDM
12	O-Ring	Elastomer EPDM
13	O-Ring	Elastomer EPDM
14	O-Ring	Elastomer EPDM
15	O-Ring	Elastomer EPDM
16	Base 75	Aluminum
17	Drainage Cover	Polyvinylchloride PVC
18	Adapter	EN-GJS-500-7
19	Bottom Washer	Plastic PTFE
20	Spring Ring	Steel
21	Storz Coupling 75	Aluminum
22	Screw	Stainless Steel A2-70
23	Dust Seal	Elastomer EPDM
24	Bushing	Stainless Steel 420
25	Cotter Pin	Stainless Steel 420

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



Dimension (mm & kg)

DN	AF02/1	Rd	H	D	K	n	b	Weight
80	AF0788	1000	1850	200	160	8	19	37,5
	AF0789	1250	2100					41,5
	AF0790	1500	2400					45,5

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