



RADIUS
AEON

AF02/10 DRY BARREL FIRE HYDRANT SMART TYP AF02-250W-01

DN150 (6")

Application:



Waterworks and fire-fighting installations.



Design features

- FM Approved and UL Listed
- Head, columns and flanges connection made of ductile iron
- Reliable, safe breakable column and flange structure minimizing damage in the event of communication damage. Repair kit available
- Good hydraulic properties for maximum flow
- Automatic forced lubrication of the plunger when using a hydrant

Technical Details

Maximum Working Pressure PFA:
250 PSI / 17 bar

Construction complies to:
ANSI / AWWA C502
EN 14384

Connection:
Inlet: DN150 (6") Flanged EN 1092-2 PN16
or ANSI B16.1 Class 125
Outlet: 1x4 1/2"-4NH Thread Pumper Nozzle
and 2x2 1/2"-7,5NH Hose Nozzle

Working temperature:
-10 °C to 82 °C

Certification:
UL Listed i FM Approved
Certificate CPR
Hygienic Certificate PZH

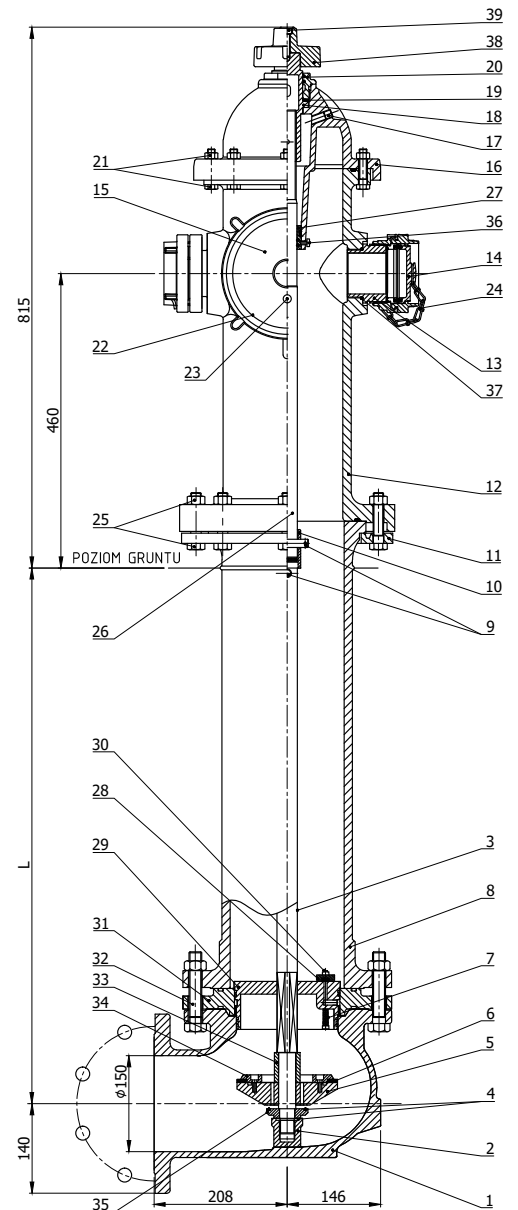
Coating:
300 µm FBE coating or spray paint, external
and internal red spray epoxy, RAL 3000 in
accordance with AWWA C550, bottom tube
protected with bitumen coating (black)





AF02/10

No	Part Name	Material
1	Flange Connector	Ductile Iron EN-GJS-500-7
2	Locking Nut	Ductile Iron EN-GJS-500-7
3	Connecting Rod	Steel 1045
4	Locking Nut Gasket	Elastomer EPDM
5	Tray	Ductile Iron EN-GJS-500-7
6	Sealed Rubber Sheet	Elastomer EPDM
7	Drain Hole Spring	Stainless Steel AISI 316
8	Connecting Cylinder	Ductile Iron EN-GJS-500-7
9	Perforated Cylindrical Pin	Steel 1045
10	Connecting Rod Sleeve	Steel 1045
11	Clamp for Connection Tube	Ductile Iron EN-GJS-500-7
12	Main Body on Ground	Ductile Iron EN-GJS-500-7
13	65 Connector	C95400
14	65 Cover Gasket	Elastomer EPDM
15	65 Cover	Ductile Iron EN-GJS-500-7
16	Upper End Cover	Ductile Iron EN-GJS-500-7
17	Thread Plug	C95400
18	Screw Stem Nut	C95400
19	Screw Nut Gasket	C95400
20	Screw Nut Seat	C95400
21	Bolt, Nut	Steel 1035
22	100 Cover	Ductile Iron EN-GJS-500-7
23	Cylindrical Pin	Steel 1045
24	Cover Chain	Gr.B ASTM A283-B
25	Bolt, Nut	Steel 1035
26	Screw Stem	Steel 1045
27	Screw Stem Bushing	Stainless Steel AISI 304
28	Drain Hole Cover	C95400 + EPDM
29	Seat	C95400
30	Bolt, Nut	Stainless Steel AISI 304
31	Seat Fixing Plate	Ductile Iron EN-GJS-500-7
32	Bolt, Nut	Steel 1035
33	Annular Tubes	Steel 1045
34	Platen	Ductile Iron EN-GJS-500-7
35	Locking Nut Seat	Ductile Iron EN-GJS-500-7
36	Bolt	Stainless Steel AISI 304
37	100 Connector	C95400
38	100 Cover Gasket	Elastomer EPDM



Dimension (mm & kg)

DN (Inch)		150 (6")								
AF02/10	EN 1092-2 PN16	AM0534	AM0535	AM0536	AM0537	AM0538	AM0539	AM0540	AM0541	AM0542
	ANSI Class150	AM0544	AM0545	AM0546	AM0547	AM0548	AM0549	AM0550	AM0551	AM0552
L	[inch]	3'	3'5"	4'	4'5"	5'	5'5"	6'	6'5"	7'
	[mm]	911	1063	1215	1368	1520	1673	1825	1978	2130
Weight		161	179	196	203	210	225	240	255	265