



FIRE HYDRANT TYPE II

DN80

Fire Hydrant Type II provides reliable access to a high-volume water supply for firefighting and emergency operations. Designed for durability, easy operation, and dependable performance in fire protection systems.

Application:



Waterworks and fire-fighting installations.

Design features

- Sturdy ductile iron construction
- Internal and external fusion bonded epoxy coating for long lasting corrosion-free life
- 2½" London Round Thread or bayonet connection
- Special inlet flange to accept multiple flange standards, reducing inventory
- Loose stopper
- Automatic frost drain plug as standard

Technical Details

Maximum Working Pressure PFA:

16 bar / PN16

Working temperature:

-10°C to +60°C

Certification:

BSI Kitemark to BS750 and BS EN 14339
Construction Products Regulation (CPR) - SI 2013
NO. 1387 as amended by SI 2019 No 465 - 2021
Construction Products Regulation CPR 305/2011/
EU - 2015

Construction complies to:

Fully compliant with BS 750 Type II, Hydrostatic
Tests: 17.6 bar (seat) and 24 bar (full body), BS EN
14339, Corrosion resistant and complies with BS EN
1074-6 for potable (drinking) water

Flow requirement:

kv>92 m³/h, min 2,000 l/min
Actual: 2058 l/min

Connection:

Inlet: Flange DN80 drilled to PN16 (EN 1092-2), B10
Table D/E and ANSI 125# available on request
Outlet: Brass Instantaneous Outlet BS336

Number of turns::

Clockwise close
- number of turns to start flow 1,5
- number of turns to fully open 6,7

Drainage:

Volume of retained water 20 ml
Time to drain 7 mins

Drainage:

Volume of retained water 20 ml
Time to drain 7 mins

Coating:

Blue FBE coating external and internal WRAS approved, compliant to BS EN 14901:2006, 250 µm min.
WIS-4 52-01 Class B

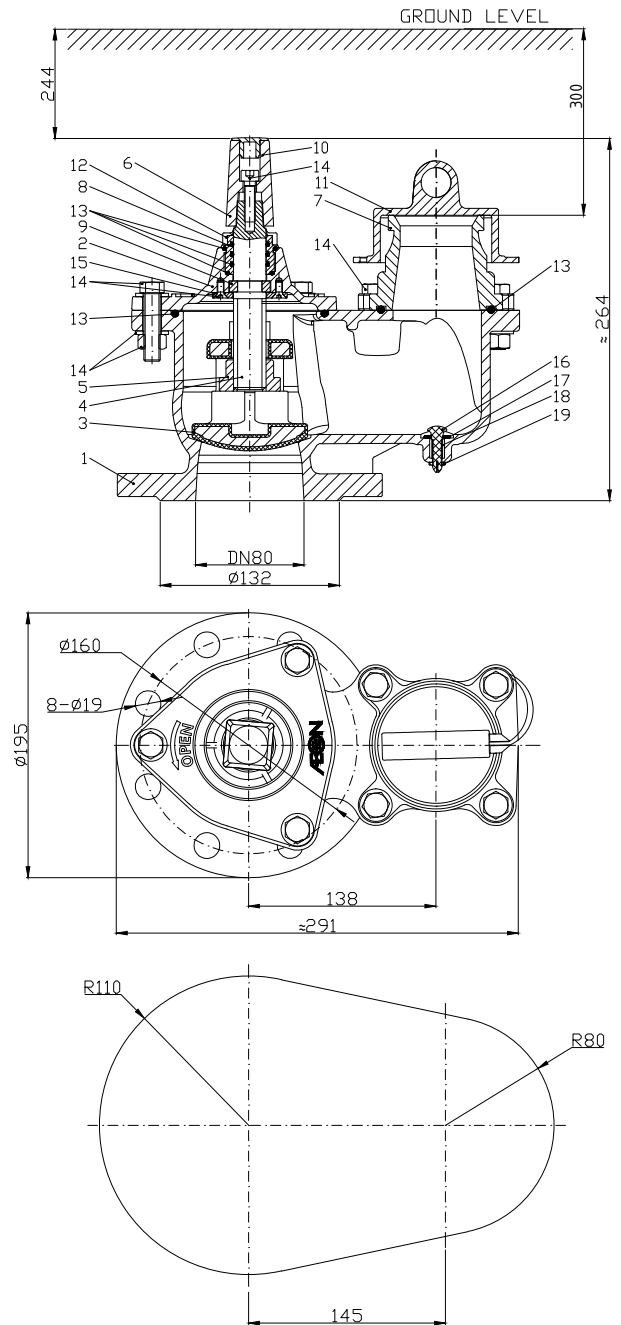




AF01/6

No	Part Name	Material
1	Body	Ductile Iron EN-GJS-500-7
2	Bonnet	Ductile Iron EN-GJS-500-7
3	Disc	Ductile Iron EN-GJS-500-7+EPDM
4	Stem	Stainless Steel X5CrNi18-10 / 1.4301 / 304
5	Stem Nut	H.T. dezincification resistant Brass
6	Cap Top	Ductile Iron EN-GJS-500-7
7	Outlet BS336	Stainless Steel / H.T. dezincification resistant Brass
8	Gland Bush	H.T. dezincification resistant Brass
9	Holding Ring	H.T. dezincification resistant Brass
10	Plug	Polyethylene
11	Protect Cap	Polyethylene
12	Dust Ring	Elastomer NBR
13	O-ring Seal	Elastomer NBR
14	Bolts/Nuts/Washers	Stainless Steel A2-70
15	Flat Washer	Stainless Steel A2-70
16	Draing Plug	Nylon (PA 66)
17	Draing Gasket	Elastomer NBR
18	Spring	Stainless Steel
19	Seal	Nylon (PA 66)

Brass Instantaneous Outlet BS336



Minimum clear area of surface box & cover

Dimension (mm & kg)

DN	AF01/5	Material	Weight	Kv [m³/h]
80	AP0014	Brass Outlet	15	96,3