



PN 16
DN 80/100



Product features

- Basic version with predetermined breaking point and double shut-off, form AUD and AFUD in accordance with DIN EN 1074-6
- Safety interlocking of the inside fittings
- Automatic drainage and protection against loss of supply water
- Maintenance-free sealing of the stem extension with O-rings in the MS bush
- Free orientation of the hydrant by means of loose flange connection on the predetermined breaking point
- Colouring: RAL 3000 Flame red
- DVGW tested and registered
- Elastomer approved in accordance with W 270
- Final inspection test to EN 12266 (DIN 3230 Part 4)

Materials

- Lower pillar made of ductile cast iron EN - JS 1050 (GGG-50)
- Construction form AUD with two-part upper pillar
 - upper pillar made of ductile cast iron EN - JS 1050 GGG-50
 - Hydrant head made of corrosion-resistant aluminium alloy (with light and chalk resistant powder-coating RAL 3000 (Flame red))
- Construction form AFUD (drop coat); upper pillar and valve head made of ductile cast iron EN - JS 1050 (GGG-50)
- Bonnet (AUD) and bonnet lid (AFUD) made of corrosion-resistant aluminium alloy
- Main valve cone vulcanised with EPDM (W 270)
- Valve seat bush, stem nut and bearing cover made of brass
- A and B outlet coupling made of aluminium alloy

Corrosion Protection

- Inside enamel, outside prime enamel and extra acrylic coating
- Bonnet (AUD) and bonnet lid (AFUD) uncoated

Field of application

- Max. operating temperature for liquids: 50°C

Versions

- DN 80 with 2 upper B outlets, Form AUD in installation depths of 1.00m / 1.25m / 1.50m
- DN 100, with 2 upper B outlets and 1 lower A outlet, Form AUD
- DN 100, with 2 upper B outlets, however without lower A outlet
- DN 100, with 2 upper shut-off valves with B outlet coupling and 1 lower A outlet, form AFUD with drop coat
- DN 100 with installation depths of 1.25m and 1.50m respectively

On Request: DN 80 also with BAIO[®]plus spigot end available

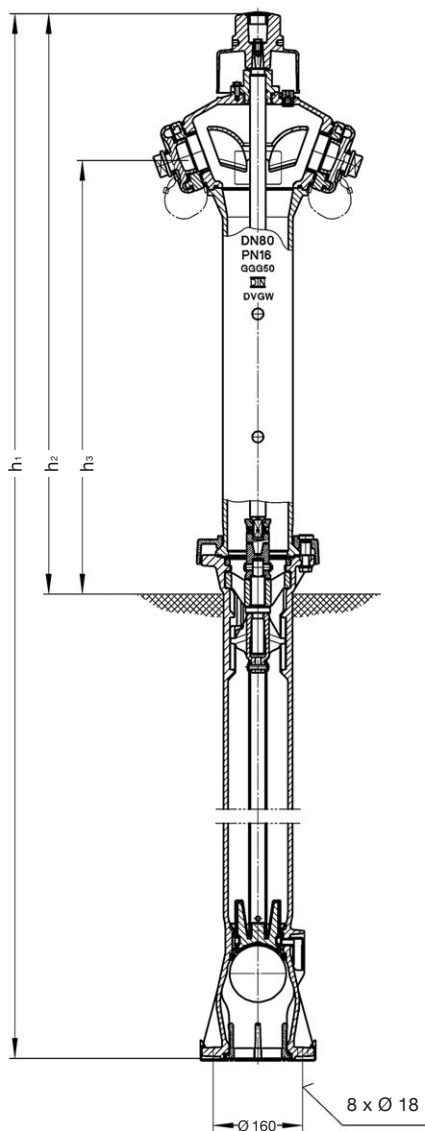
Accessories

- Betätigungsschlüssel A
- Betätigungsschlüssel B
- Sickerstein DN 80
- Sickerstein DN 100
- N-Stück (GGG) DN 80
- N-Stück (GGG) DN 100

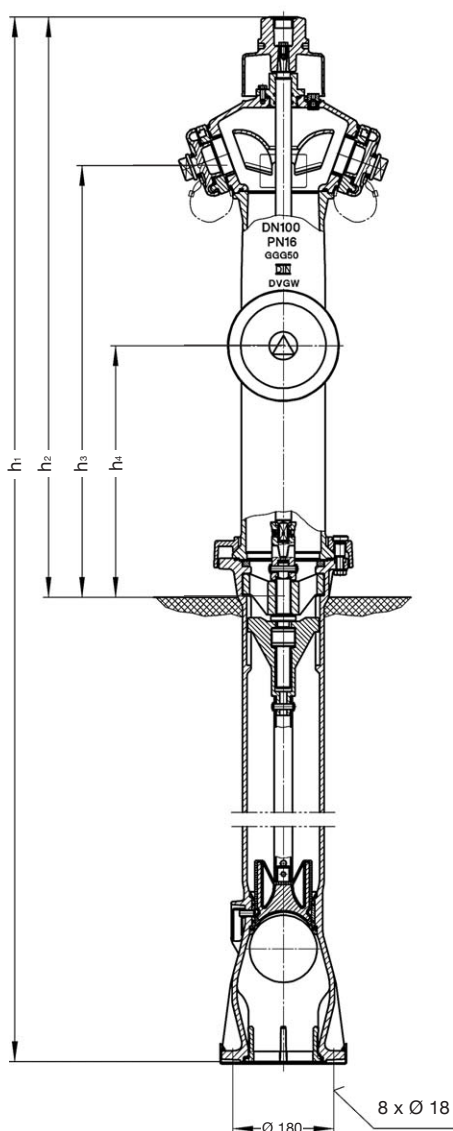
For information about installation, commissioning, operating and maintenance we kindly refer to KAT 16 13-B.

■ Dimensions / weights

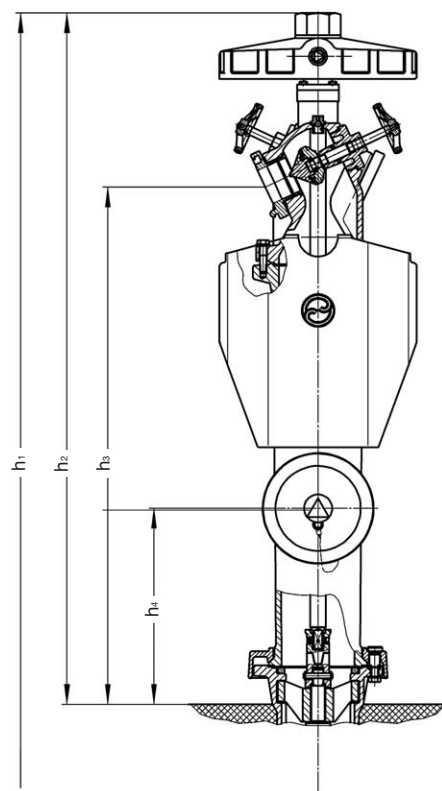
DN 80



DN 100



DN 100 FMH



	Pipe cover (m)	Total height h ₁ (mm)	Height above earth h ₂ (mm)	Height of B-outlet h ₃ (mm)	Height of A-outlet h ₄ (mm)	Net weight standard (kg) Standard NIRO		Space req. l x b x h (mm)
DN 80	1.00	1915	1035	775	—	80	63	1915 x 400 x 330
	1.25	2165				86	69	2165 x 400 x 330
	1.50	2415				92	75	2415 x 400 x 330
DN 100	1.25	2165	1040	775	450	106	82	2165 x 400 x 330
	1.50	2415				113	89	2415 x 400 x 330
DN 100 FMH	1.25	2365	1235	925	350	133		2365 x 400 x 330
	1.50	2615				140		2615 x 400 x 330

We reserve the right to make technical changes and use similar or higher-quality materials. Drawings are non-binding