

**Public water fountain ARCTIC**
**PN16**
**WATER**

**Product description (standard execution):**

- Body made of ductile cast iron
- Water intake pipe made of stainless steel 1.4301
- All internal elements made of stainless steel and brass
- Working pressure PN10
- Hermetic water fountain construction in the underground section preventing groundwater from entering water fountain. This construction excludes the possibility of contamination of drinking water and allows the use of water fountain in areas with high groundwater levels
- Epoxy coating minimum 250 microns according to EN 14901
- Product marking according to EN 19; EN 1074
- Resistance to disinfectants
- Possible to disassemble and replace the closing elements under pressure without having to dig water fountain
- The possibility of exchanging internal components without closing the gate valve
- Possible to use an element that slows down water fountain closing as an additional option

**Application:**

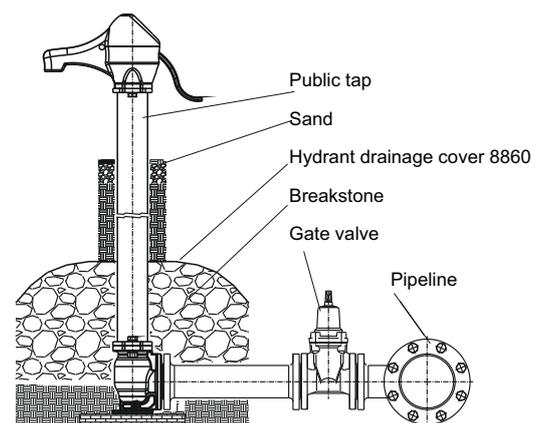
- Water distribution is intended for installation on a drinking water supply in the pressure range up to PN10
- Activation of water fountain is possible by pressing the lever, which in turn causes the closure to open and water flows out. One-time minimum water withdrawal time in the winter up to 3 minutes. This rule may not freeze the water distribution winter,
- Releasing the lever and closing the valve starts the process of draining the water fountain. Water from the emptying screen is collected in a tank located in the lower parts of the water fountain below the freezing zone of the ground. The tank is emptied when the water fountain is reused
- At the place where the water fountain water is poured onto the ground, use a drainage grille or drainage to prevent the formation of puddles

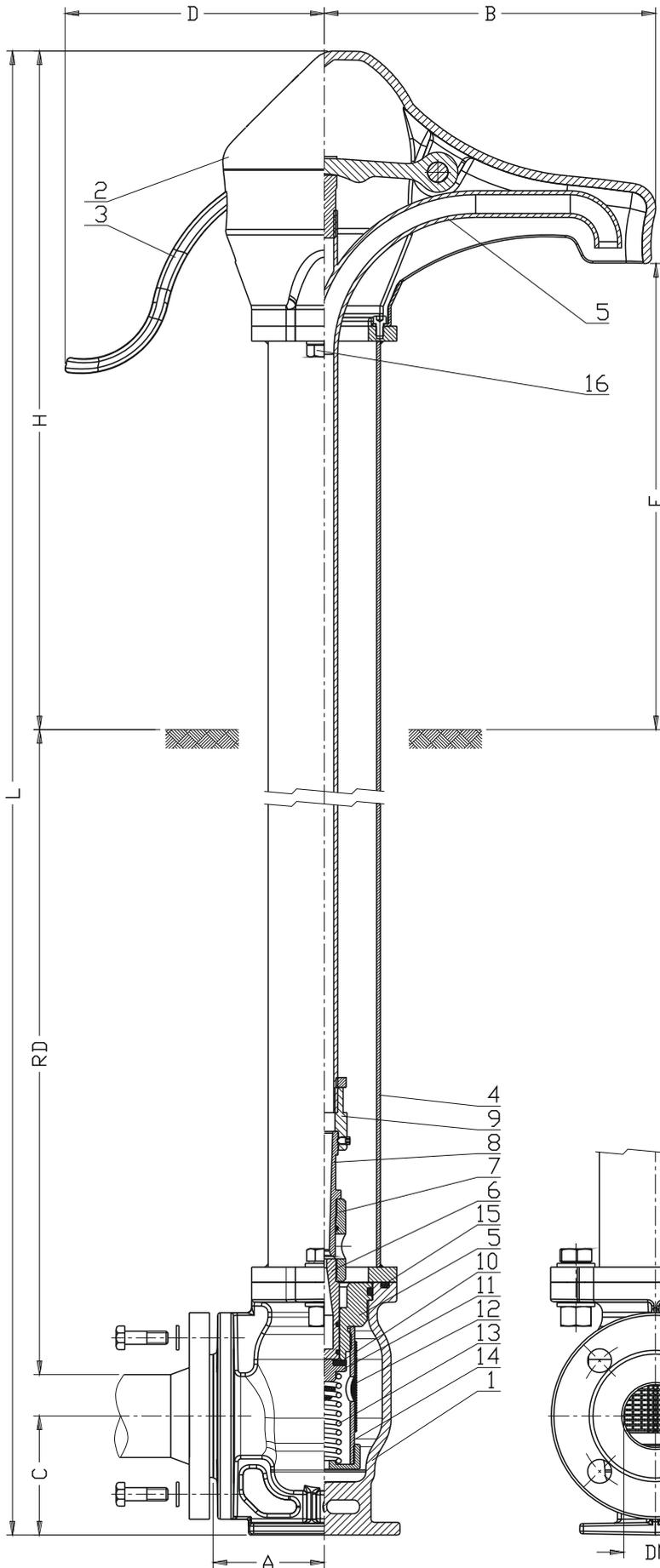
**Test control:**

Water pressure test according to EN 1074-1; EN 1074-2; EN 12266-1  
 Seat: 1,1 x PN  
 Body: 1,5 x PN

**Installation:**

In vertical position on horizontal pipelines





No.	Part	Standard execution
1	Bottom body	Ductile cast iron EN-GJS 400-15 EN 1560
2	Head	Ductile cast iron EN-GJS 400-15 EN 1560
3	Lever	Ductile cast iron EN-GJS 400-15 EN 1560
4	Casing pipe	Steel 1.0245 EN 10027-2
5	Tapping pipe	Stainless steel 1.4301 EN 10027-2
6	Injector housing	Stainless steel 1.4021 EN 10027-2
7	Casing	Stainless steel 1.4301 EN 10027-2
8	Bushing	Brass CW617N EN 1412
9	Control	Stainless steel 1.4021 EN 10027-2
10	Gasket	Rubber EPDM EN-ISO 1629
11	valve plug	Stainless steel 1.4021 EN 10027-2
12	Filter mesh	Stainless steel 1.4301 EN 10027-2
13	Spring	Stainless steel 1.4301 EN 10027-2
14	Spring cover	Stainless steel 1.4021 EN 10027-2
15	O-ring	Rubber EPDM EN-ISO 1629
16	Screw	Stainless steel A2 EN ISO 4017

DN	L	RD	E	A	B	C	D	H	Weight
[mm]									[kg]
50	2000	1000	700	90	265	95	210	870	30
50	2250	1250	700	90	265	95	210	870	32
50	2500	1500	700	90	265	95	210	870	34
50	2750	1750	700	90	265	95	210	870	36
50	3000	2000	700	90	265	95	210	870	38

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