

Pillar type fire hydrant double closing

PN16

FIRE
PREVENTION



- BREAKAGE PROTECTED
- MONOLITHIC HEAD WITH OUTLET CONNECTORS
- ROTATING HEAD 0° TO 360°

Product description (standard execution):

- Welded bronze socket constituting a monolithic body with the bottom body, resistant to scratches and surface damage
- Complete drainage after full cut - off the flow
- Double closure of the flow by means of a ball in the valve chamber
- Aeration valve located in the lid that allows dehydration hydrant
- Replaceable head - without closing the valve
- Stainless steel stem with rolled thread
- O-ring stem sealing, packing cork protected against medium
- Forged packing cork protected against unscrewing
- EPDM fully vulcanized valve plug
- Coat of arms place
- Kv factor > 80m³/h - (for 1x75); Kv factor > 140m³/h - (for 2x75); Kv > 160m³/h - (for 1x110)
- Dehydration time < 15 min.
- Water-traces < 150 ml (for DN100)
- Initial opening < 3,5 turns; full opening after 8 turns
- MOT 80 Nm
- MST 250 Nm
- Corrosion resistant internal and external parts
- UV resistant epoxy coating minimum 250 microns according to EN 14901
- Resistant against disinfectants (suggested solution NaOCl)
- Flange connection and connector according EN 1092-2 (DIN 2501) pressure PN10; PN16
- Outlet connector 2x B 75 according to DIN 14318
- Outlet connector A 110 according to DIN 14319
- Control key according to PN-89/M-74088
- Working pressure PN16
- Product according to EN 1074-1; EN 1074-6; EN 14384 TYPE C
- Product marking according to EN 19; EN 1074

Application:

Potable water lines; fire prevention systems temperature range to +50°C

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
 Operation torque test

Accessories:

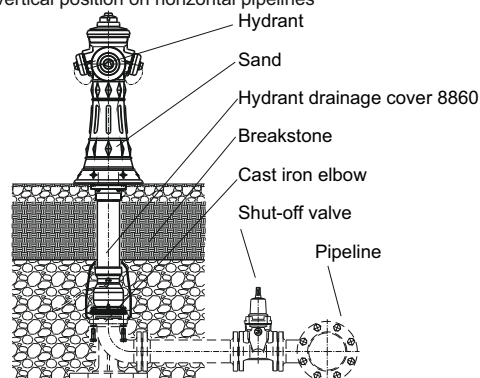
Hydrant drainage cover - see: 8860

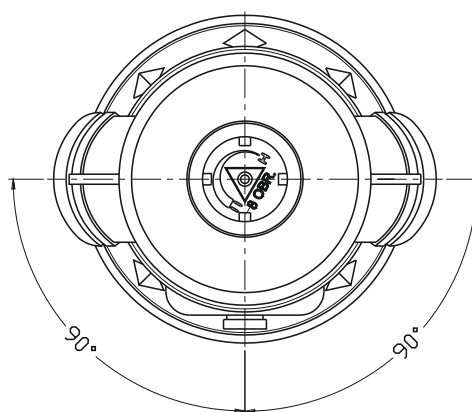
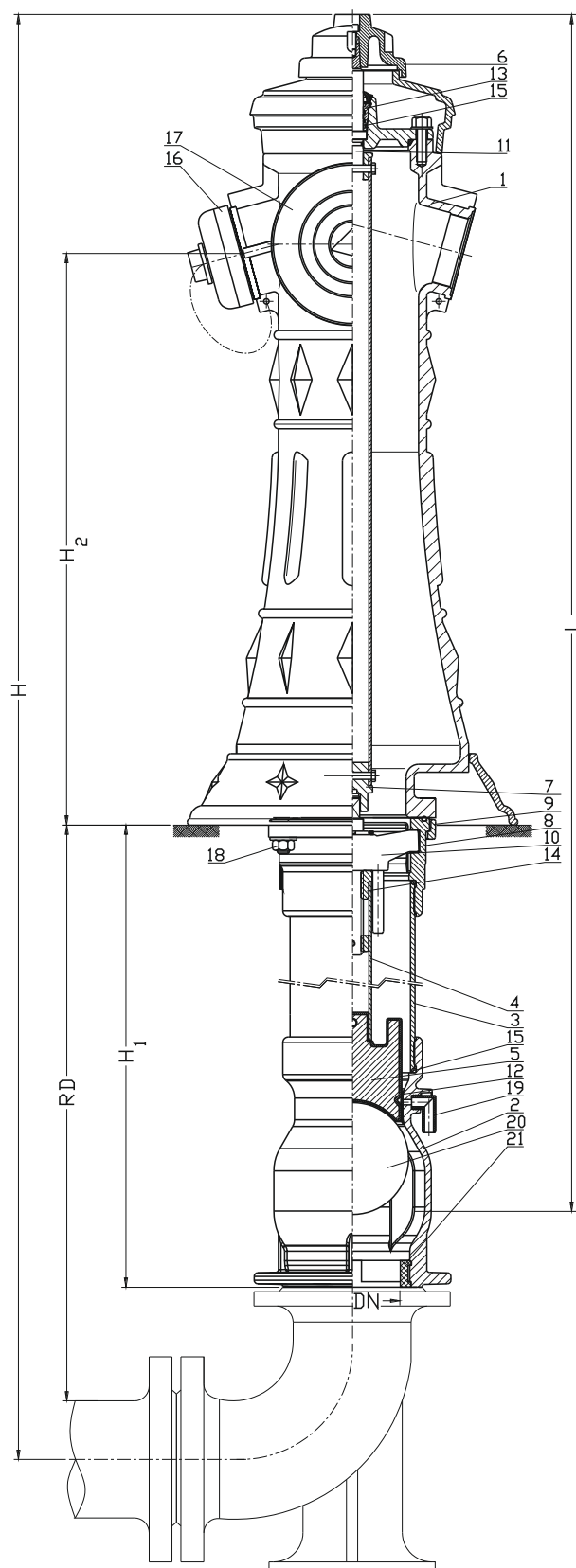
Execution variant:

Self-leveling version
 Tap pipe made of stainless steel 1.4301

Installation:

In vertical position on horizontal pipelines





No.	Part	Standard execution
1	Head	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7(*) EN 1560, EN 1503-3
2	Ball chamber	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7(*) EN 1560, EN 1503-3
3	Stand pipe	Steel 1.0037 Ductile cast iron EN-GJS 400-15(*), EN-GJS 500-7(*) Steel 1.4301(*), 1.4401(*), 1.4404(*), 1.4571(*) EN 10027-2, EN 1560, EN 1503-3, EN 1503-1
4	Spindle	Stainless steel 1.4301, 1.4401(*), 1.4404(*), 1.4571(*) EN 10027-2
5	Valve plug	Ductile cast iron EN-GJS 400-15, EN-GJS-7(*)/EPDM EN 1560 / EN-ISO 1629
6	Cap	Aluminium AISi EN 1706
7	Coupling	Stainless steel 1.4301 EN 10027-2
8	Rotary flange	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7(*) EN 1560
9	Rotary flange pressure	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7(*) EN 1560
10	Cann	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7(*) EN 1560
11	Stem	Stainless steel 1.4021 EN 10027-2
12	Socket	Bronze CuAl7 EN ISO 24373
13	Gland seal	Brass CW617N, Bronze CW306G(*) EN 1412
14	Stem nut	Brass CW617N, Bronze CW306G(*) EN 1412
15	O-ring	Rubber EPDM EN-ISO 1629
16	Outlet connector A	Aluminium AISi EN 1706
17	Outlet connector B	Aluminium AISi EN 1706
18	Screw	Stainless steel A2 EN ISO 4017
19	Dehydrator	Polipropylene PP EN ISO 19069-1
20	Ball	Aluminium AISi / Pollyamide PA6(*) rubber EPDM; EN 1706 / EN ISO 16396-2, / EN ISO 1629
21	Ball blockade	Polipropylene PP EN ISO 19069-1
(*) - other material variants on special request		

DN	RD	L	H	H ₁	H ₂	H ₃	Weight
[mm]							[kg]
100	1000	1800	1955	880	640	110	74
100	1250	2050	2205	1130	640	110	79
100	1500	2300	2455	1380	640	110	84
100	1800	2600	2755	1680	640	110	90