

## Pillar type fire hydrant single closing

PN16

FIRE  
PREVENTION



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

### VERSION

8004.4 DN100

### 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
- 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 2xB 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:

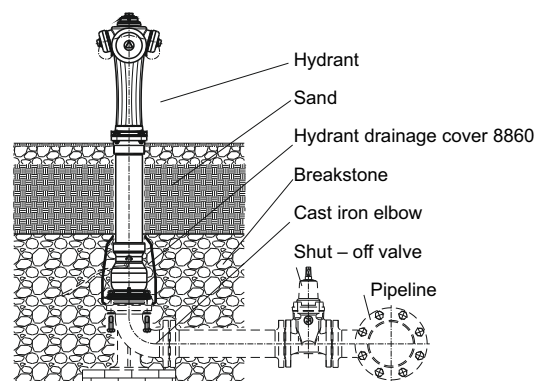
Hydrant drainage cover - see: 8860

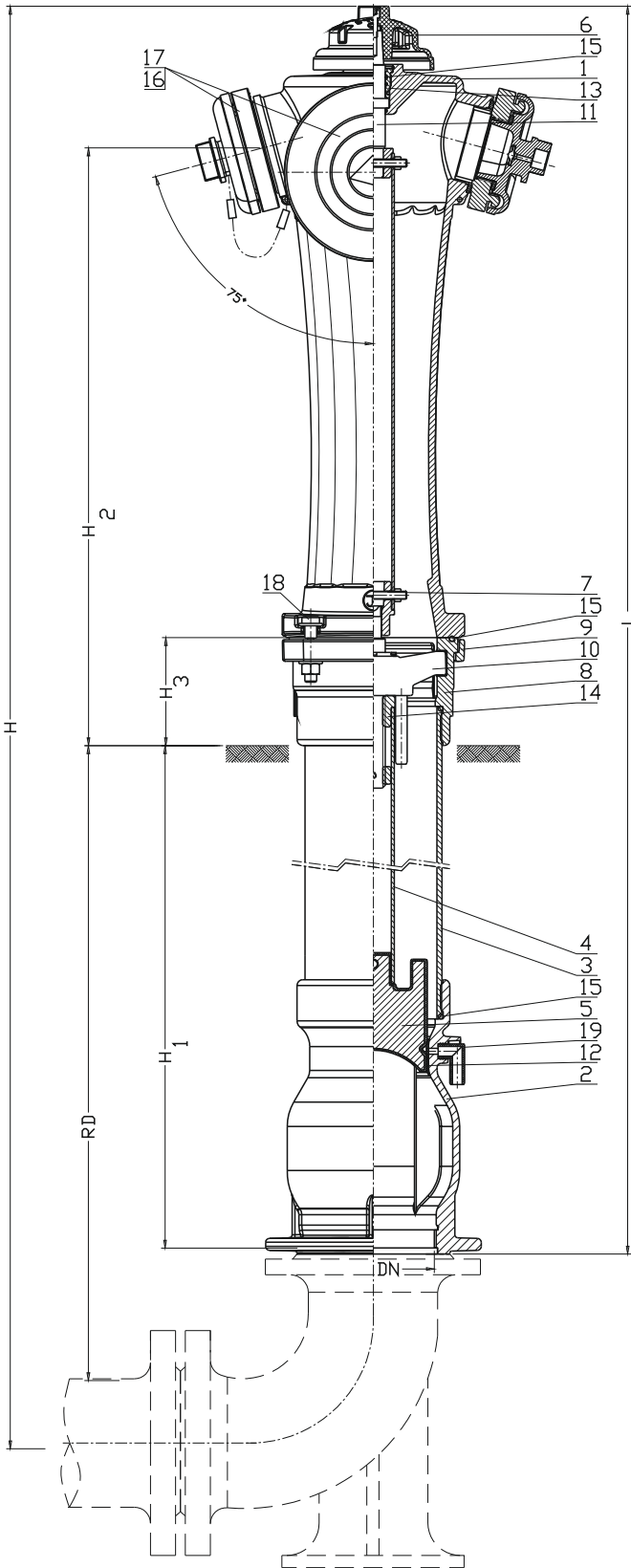
### Execution variant:

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	Bottom body	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 500-7(*) /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 gasket	Rubber EPDM EN ISO 1629
16	Outlet connector A,B	Aluminium AISi EN 1706
17	Outlet connector A,B	Aluminium AISi EN 1706
18	Screw	Stainless steel A2 EN ISO 4017
19	Dehydrator	Polipropylene PP EN ISO 19069-1
(*) - other material variants on special request		

DN	RD	L	H	H <sub>1</sub>	H <sub>2</sub>	H <sub>3</sub>	Weight
[mm]							[kg]
100	1000	1640	1825	875	600	110	57
100	1250	1890	2075	1125	600	110	62
100	1500	2140	2325	1375	600	110	67
100	1800	2440	2625	1675	600	110	73