

## Pillar type fire hydrant single closing

PN16

FIRE  
PREVENTION



- BREAKAGE PROTECTED
- 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
- Aeration valve located in the lid that allows dehydration hydrant
- Stainless steel stem with rolled thread
- Replaceable head - without closing the valve
- 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 factor >160m³/h - ( for 1x 110)
- 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, GSK RAL Certificate
- 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 1xA 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:

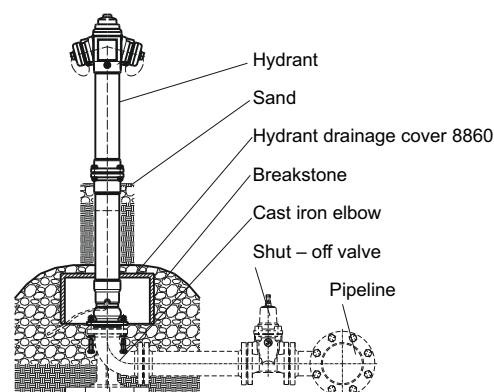
Hydrant drainage cover - see: 8860

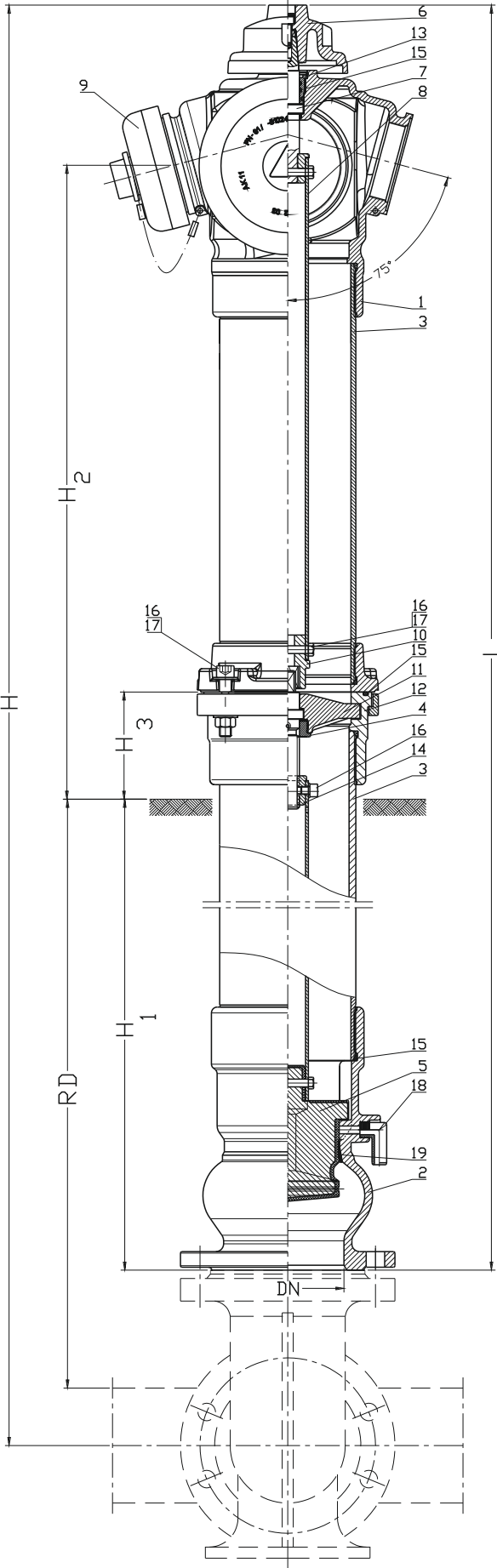
### Execution variant:

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(*)<br>EN 1560, EN 1503-3           |
| 2  | Bottom body      | Ductile cast iron EN-GJS 400-15; EN-GJS 500-7(*)<br>EN 1560, EN 1503-3           |
| 3  | Stand pipe       | Stainless steel 1.4301, 1.4401(*), 1.4404(*),1.4571(*)<br>EN 10027-2, EN 1503-1  |
| 4  | Sleeve           | Brass CW617N, Bronze CW306G(*)<br>EN 1412  |
| 5  | Valve plug       | Ductile cast iron EN-GJS 400-15, EN-GJS 500-7(*) /EPDM<br>EN 1560; / EN ISO 1629 |
| 6  | Cap              | Aluminium AISi<br>EN 1706  |
| 7  | Stem             | Stainless steel 1.4021<br>EN 10027-2   |
| 8  | Spindle          | Stainless steel 1.4301, 1.4401(*), 1.4404(*),1.4571(*)<br>EN 10027-2             |
| 9  | Outlet connector | Aluminium AISi<br>EN 1706  |
| 10   | Coupling         | Stainless steel 1.4301<br>EN 10027-2   |
| 11   | Mouted stem      | Ductile cast iron EN-GJS 400-15; EN-GJS 500-7(*)<br>EN 1560                      |
| 12   | Bottom flange    | Ductile cast iron EN-GJS 400-15; EN-GJS 500-7(*)<br>EN 1560                      |
| 13   | Gland seal       | Brass CW617N, Bronze CW306G(*)<br>EN 1412  |
| 14   | Stem nut         | Brass CW617N, Bronze CW306G(*)<br>EN 1412  |
| 15   | O-ring gasket    | Rubber EPDM<br>EN ISO 1629   |
| 16   | Screw            | Stainless steel A2<br>EN ISO 4017  |
| 17   | Nut              | Stainless steel A4<br>EN ISO 4032  |
| 18   | Dehydrator       | Polipropylene PP<br>EN ISO 19069-1   |
| 19   | Socket           | Bronze CuAl7<br>EN ISO 24373   |
| (*) - 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     |