

Pillar type fire hydrant single closing

PN16

FIRE
PREVENTION



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

VERSION

8004.4 DN80

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);
- Dehydration time < 15 min.
- Water-traces < 100 ml (for DN80)
- 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
- 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:

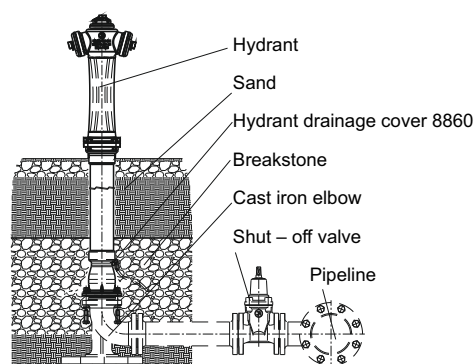
Hydrant drainage cover - see: 8860

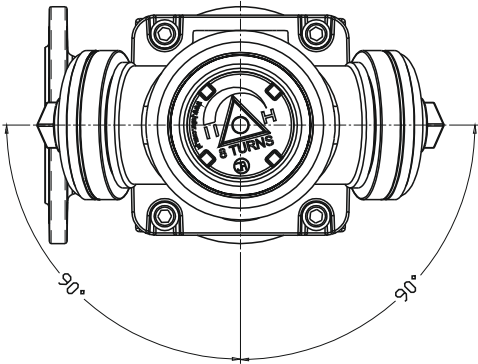
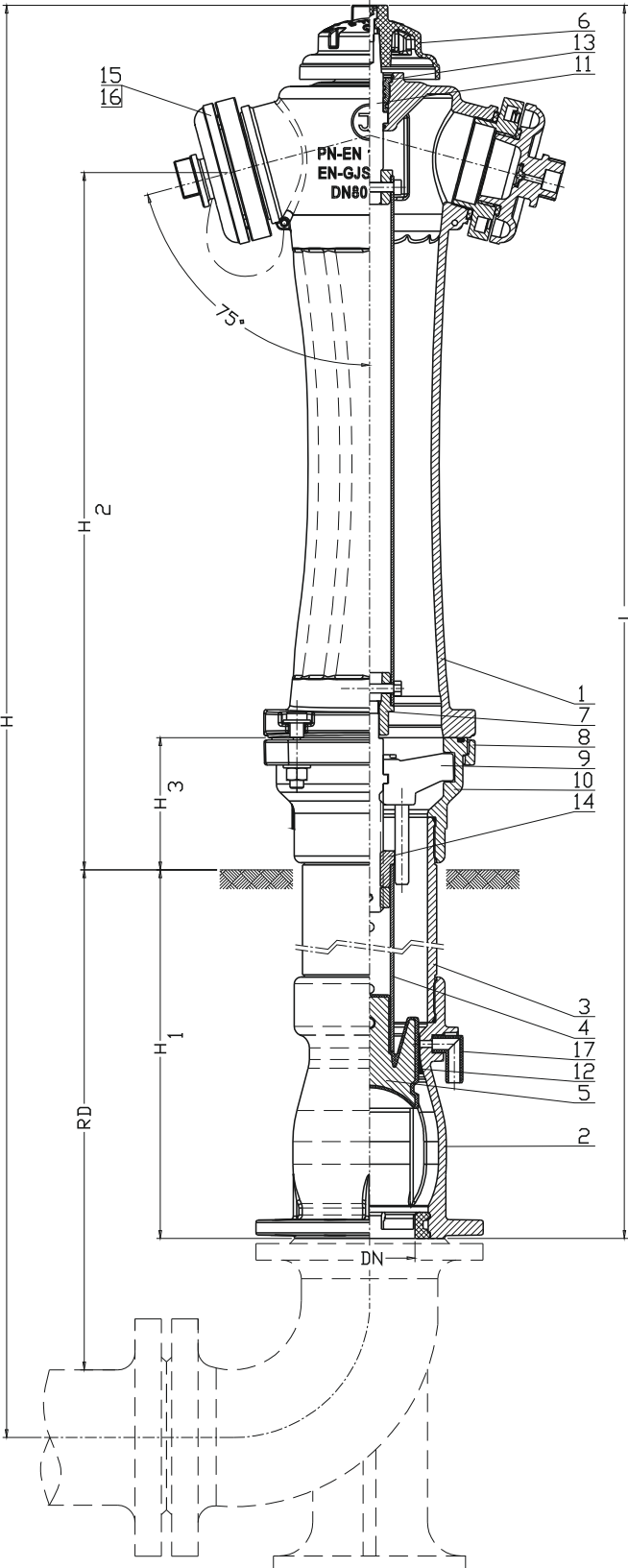
Execution variant:

Tap pipe made of stainless steel 1.4301, 1.4401, 1.4404, 1.4571

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	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7(*) Steel 1.0037(*), 1.4301(*), 1.4401(*), 1.4404(*), 1.4571(*) EN 1560, EN 10027-2, 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(*) Aluminium AISi(*)/EPDM EN 1560; EN 1706 / EN ISO 1629
6	Cap	Aluminium AISi EN 1706
7	Coupling	Stainless steel 1.4301 EN 10027-2
8	Rotary flange pressure	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7(*) EN 1560
9	Bracket	Brass CW617N EN 1412
10	Rotary flange	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	Outlet connector B	Aluminium AISi EN 1706
16	Outlet connector cover	Aluminium AISi EN 1706
17	Dehydrator	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]
80	1000	1640	1805	880	600	110	47
80	1250	1890	2055	1130	600	110	52
80	1500	2140	2305	1380	600	110	57
80	1800	2440	2605	1680	600	110	63