

Pillar type fire hydrant
single closing

PN16

**FIRE
PREVENTION**



VERSION

8855.4 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
- Aeration valve located in the lid that allows dehydration hydrant
- 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
- Replaceable head - without closing the valve
- Hydrant column made of ductile iron pipe (zinc coated)
- 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 A
- Product marking according to EN 19; EN 1074

Application:

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

Test control:

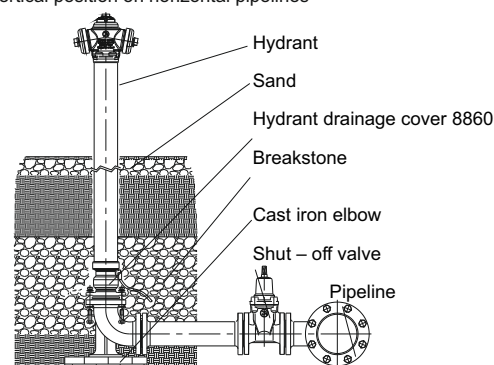
Water pressure test according to EN 1074-1; EN 1074-2; EN 12266-1
 Seat: 1,1 x PN
 Body: 1,5 x PN
 Operation torque test

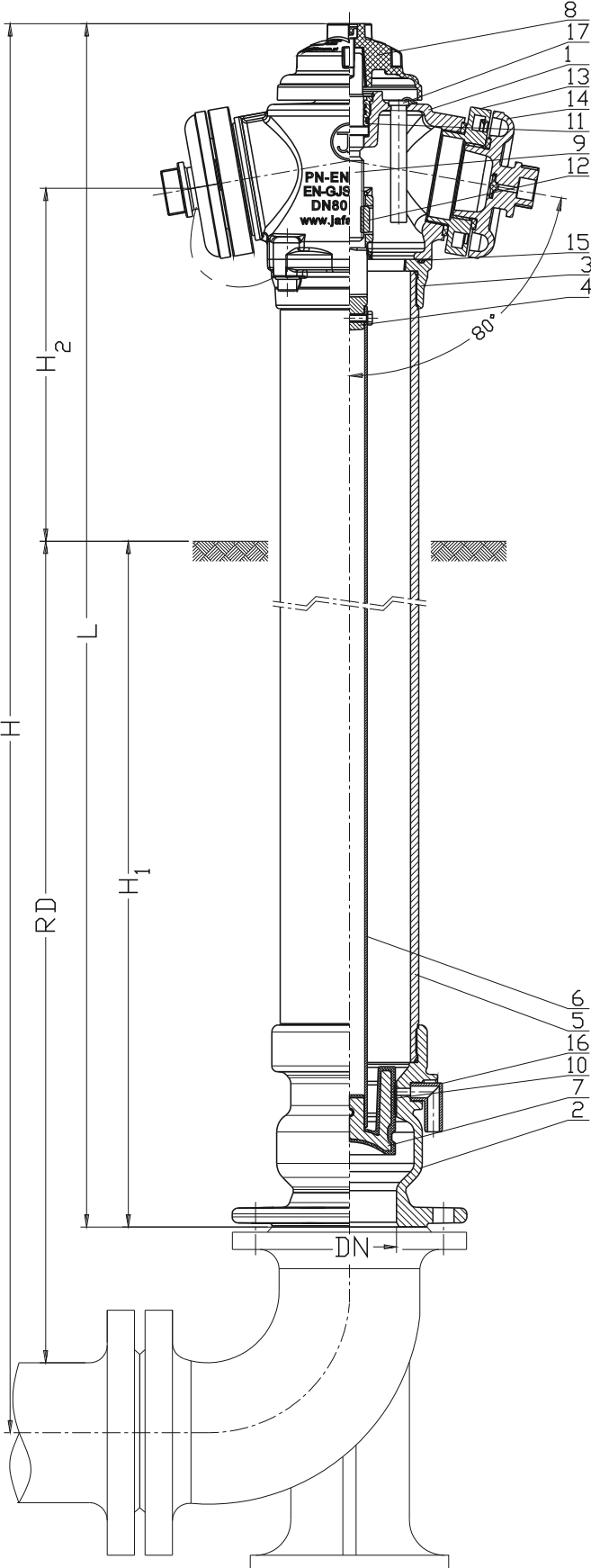
Accessories:

Hydrant drainage cover - see: 8860

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	Column flange	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7(*) EN 1560
4	Cover nut	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7(*) EN 1560
5	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 1503-1, EN 1503-3
6	Spindle	Steel 1.0037, 1.4301(*), 1.4401(*), 1.4404(*), 1.4571(*) EN 10027-2
7	Valve plug	Ductile cast iron EN-GJS 400-15, EN-GJS 500-7(*)/ EPDM ; EN 1560 / EN ISO 1629
8	Cap	Aluminium AlSi EN 1706
9	Stem	Stainless steel 1.4021 EN 10027-2
10	Socket	Bronze CuAl7 EN ISO 24373
11	Gland seal	Brass CW617N, Bronze CW306G(*) EN 1412
12	Stem nut	Brass CW617N, Bronze CW306G(*) EN 1412
13	Outlet connector A+B	Aluminium AlSi EN 1706
14	Outlet connector cover	Aluminium AlSi EN 1706
15	O-ring	Rubber EPDM EN-ISO 1629
16	Dehydrator	Polipropylene PP EN ISO 19069-1
17	Monitoring system	Manufakturer's catalog
(*) - other material variants on special request		

DN	RD	L	H	H ₁	H ₂	Weight
[mm]						[kg]
80	1000	1640	1805	880	565	48
80	1250	1890	2055	1130	565	53
80	1500	2140	2305	1380	565	59
80	1800	2440	2605	1680	565	66