

Pillar type fire hydrant
single closing

PN16

FIRE PREVENTION



Product description (standard execution):

- Complete drainage after cut - off the flow
- Kv factor > 140m³/h - (for 2x75); Kv factor > 280m³/h - (for 2x110);
- Dehydration time < 15 min.
- Water-traces < 200 ml (for DN150)
- 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
- Welded brass socket constituting a monolithic body with the bottom body
- Coat of arms place
- Initial opening < 3 turns; full opening after 8 turns
- MOT 80 Nm
- MST 250 Nm
- Corrosion resistant internal and external parts
- Stand pipe made of ductile cast iron pipe (coated with zinc)
- UV resistant epoxy coating minimum 250 microns according to EN 14901
- Resistant against disinfectants (suggested solution NaOCl)
- Flange connection and connector according to EN 1092-2 (DIN 2501) pressure PN10; PN16
- Outlet connector B 75 according to DIN 14318
- Outlet connector A 110 according to DIN 14319
- Control key according to 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:

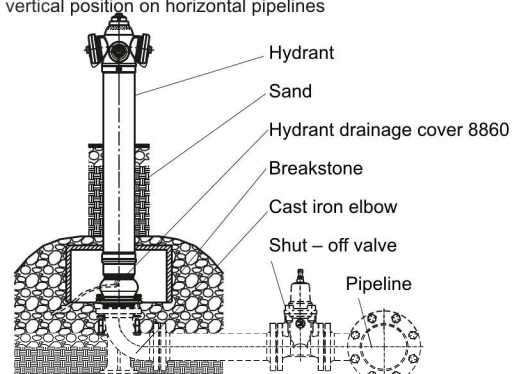
Water pressure test according to EN 1074-1; EN 1074-2; EN 12266-1
 Seat: 1,1 xPN
 Body: 1,5 x PN
 Operation torque test

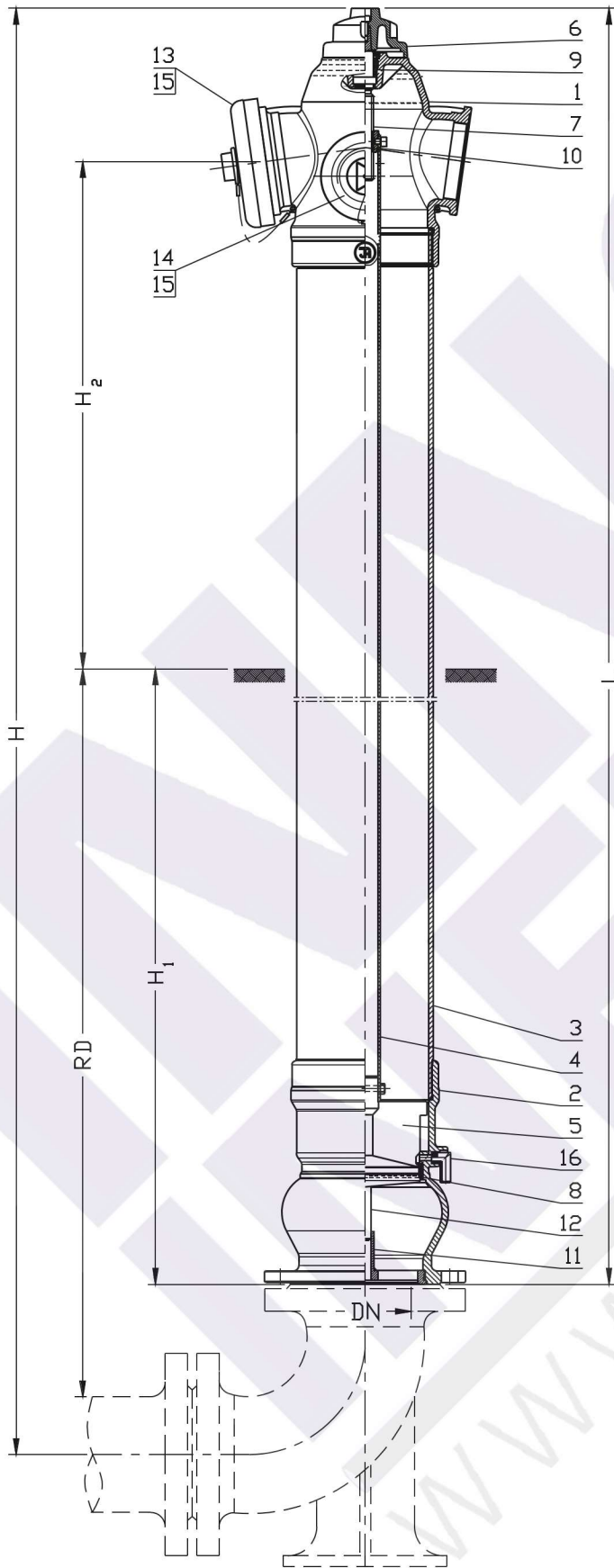
Accessories:

Hydrant drainage cover - see: 8860

Installation:

In vertical position on horizontal pipelines





DN	RD	L	H	H ₁	H ₂	Weight
[mm]						[kg]
150	1250	1971	2191	1115	640	95
150	1500	2221	2441	1365	640	103
150	1800	2521	2741	1665	640	111

No.	Part	Standard execution
1	Head	Ductile cast iron EN-GJS 400-15 EN 1563
2	Bottom body	Ductile cast iron EN-GJS 400-15 EN 1563
3	Stand pipe	Ductile cast iron EN-GJS 400-15; EN 1563; Steel 1.0037; EN 10025-2 Stainless steel 1.4301; EN10088-1 EN 1503-1;
4	Spindle	Stainless steel 1.4301 EN 10088-1
5	Valve plug	Ductile cast iron EN-GJS 400-15 / EPDM EN 1563 / EN-ISO 1629
6	Cap	Aluminium AlSi EN 1706
7	Stem	Stainless steel 1.4021 EN 10088-1
8	Socket	Bronze CuAl7 EN-ISO 24373
9	Gland seal	Brass CW617N EN 12165
10	Stem nut	Brass CW617N EN 12165
11	Slideway	Stainless steel 1.4021 EN 10088-1
12	Pin	Brass CW617N EN 12165
13	Outlet connector A	Aluminium AlSi EN 1706
14	Outlet connector B	Aluminium AlSi EN 1706
15	Outlet connector cover	Aluminium AlSi EN 1706
16	Dehydrator	Polipropylene PP EN ISO 1873-1