

**Full bore underground hydrant
with plate valve**

PN16

**FIRE
PREVENTION**



Product description (standard execution):

- Complete drainage after full cut - off the flow
- Plate valve made of stainless steel 1.4310
- Dust protection
- Initial opening < 4 turns; full opening after 15 turns
- Kv factor > 60m³/h
- Dehydration time < 15 min
- Water-traces < 100 ml
- MOT 105 Nm
- MST 210 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
- Bayonet socket according to DIN 3221 "C"
- Working pressure PN16
- Product according to EN 1074-1; EN 1074-6; EN 14339
- Product marking according to EN 19; EN 1074

Application:

Potable water lines and fire prevention systems for monitoring cleaning and uptake water in temperature range to +50°C

Test control:

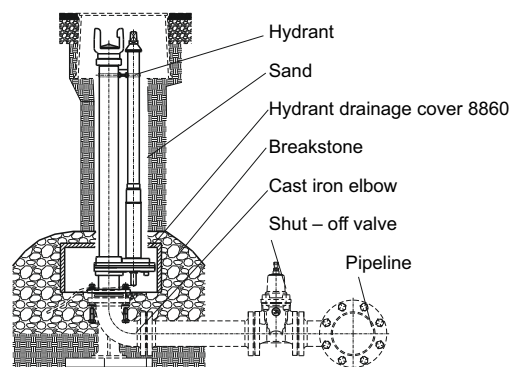
Water pressure test according to EN 1074-1; EN 1074-2; EN 12266-1
 Seat: 1,1 x PN
 Body: 1,5 x PN
 Operation torque test

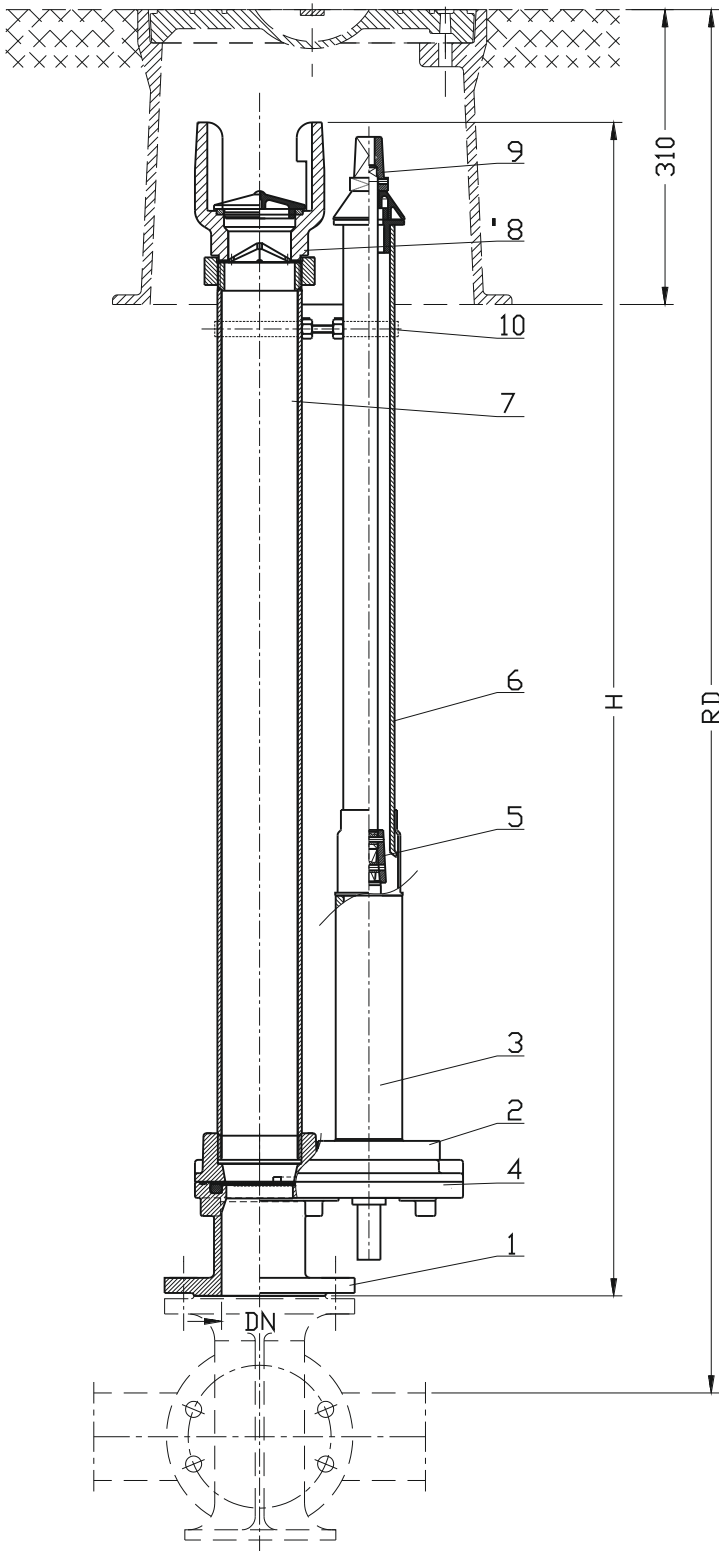
Accessories:

Street box - see: 9502 – PEHD-GJL

Installation:

In vertical position on horizontal pipelines





No.	Part	Standard execution
1	Body	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7(*) EN 1560
2	Bonnet	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7(*) EN 1560
3	Gear	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7(*) EN 1560 Stainless steel 1.4301, EN 10027-2 Brass CW617N, EN 1412
4	Plate valve	Stainless steel 1.4301 EN 10027-2
5	Coupling	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7(*) EN 1560
6	Plastic protection pipe	Producer catalogue TYP 9010 (Spindle extension)
7	Stand pipe	Stainless steel 1.4301
8	Bayonet socket	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7(*) EN 1560
9	Cap	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7(*) EN 1560
10	Handle	Steel S235JR, EN 10027-2 Rubber EPDM, EN-ISO 1629
(*) - other material variants on special request		

DN	RD	H	Weight
	[mm]		[kg]
80	1000	750	32
80	1250	1000	35
80	1500	1250	38
80	1800	1500	41