

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 < 6 turns; full opening after 16 turns
- MOT 105 Nm
- MST 210 Nm
- Corrosion resistant internal and external parts
- Epoxy coating minimum 250 microns according to EN ISO 12944-5
- Resistant against disinfectants (suggested solution NaOCl)
- Flange connection and connector according to EN 1092-2 (DIN 2501) pressure PN10; Pn16
- Jaw connection according to DIN 3221 "C"
- Working pressure PN16
- Product according to EN 1074-1 and 6; EN 14384 TYPE C
- 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:

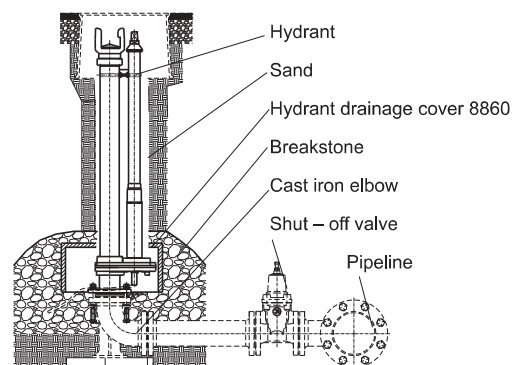
Water pressure test according to EN 1074-1; EN 1074-2; EN 12266-1
 Seat: 1,1 x PN
 Body: 1,5 x PN
 Operation torque test

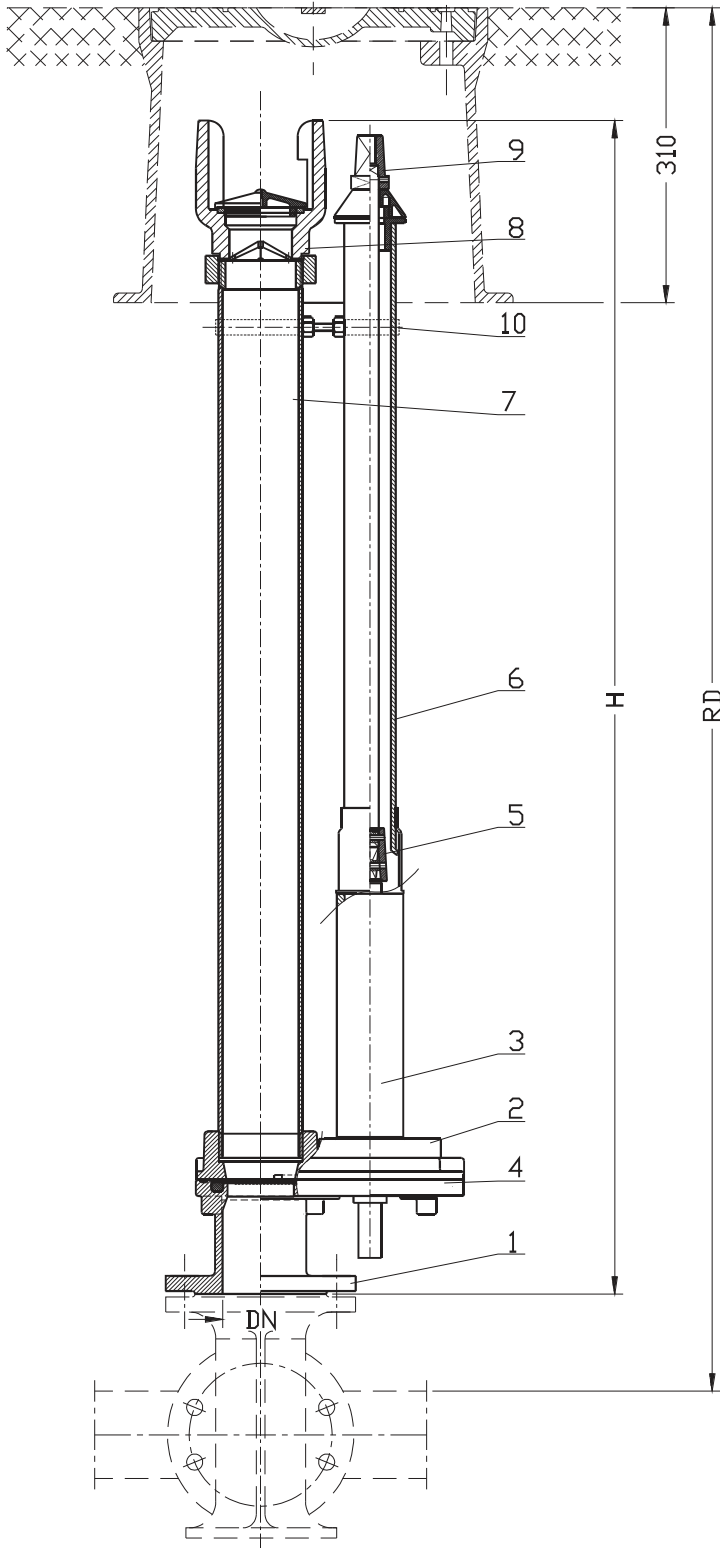
Accessories:

Street box - see: 9502 – PEHD-GJL

Installation:

In vertical position on horizontal pipelines





DN	RD	H	Weight
[mm]			[kg]
80	1000	750	32,0
	1250	1000	35,0
	1500	1250	38,0
	1800	1500	41,0

No.	Part	Standard execution
1	Body	Ductile cast iron EN-GJS-400-15 EN 1563
2	Bonnet	Ductile cast iron EN-GJS-400-15 EN 1563
3	Gear	Ductile cast iron EN-GJS-400-15 EN 1563 Stainless steel 1.4021 EN 10088-1 Brass CuZn39Pb1Al-B EN 1982
4	Plate valve	Stainless steel 1.4301 EN 10088-1
5	Coupling	Ductile cast iron EN-GJS-400-15/EPDM EN 1563 / EN-ISO 1629
6	Plastic protection pipe	Producer catalogue TYP 9010 (Spindle extension)
7	Stand pipe	Steel R35; Stainless steel 1.4301 89/H-84023/07; EN 10088-1
8	Bayonet socket	Ductile cast iron EN-GJS-400-15 EN 1563
9	Cap	Ductile cast iron EN-GJS-400-15 EN 1563
10	Handle	Steel 1,0038 EN 10025-1 EPDM ;EN-ISO 1629

- other material variants on special request