

**Underground hydrant
with plate valve**

PN10

WATER



Product description (standard execution):

- Construction prevents freezing – hydrant can be used in winter conditions / frost zones
- Dehydrator in the bottom part of hydrant. Water drainage from the stand to the ground after each use cycle
- Complete drainage after cut-off the
- Locking and closing elements made of brass
- Resistant against disinfectants (suggested solution NaOCI)
- Epoxy coating to EN 14901
- Working pressure PN10
- Face to face according to Jafar documentation
- Threaded connection according to EN ISO 10226-1
- Jaw connection DN25 or DNS2 according to DIN 14317
- Product marking according to EN 19; EN 1074

Application:

In plumbing installations in home gardens, plots or in systems enabling water withdrawal in the winter, for example for snowing ski slopes and running routes, and wherever access to water is required in locations away from the property. Yard hydrant is not designed for firefighting system. Medium temperature up to 70° 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

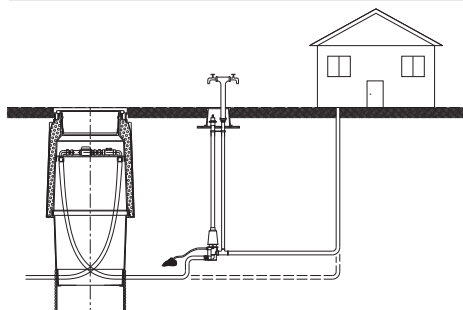
Accessories:

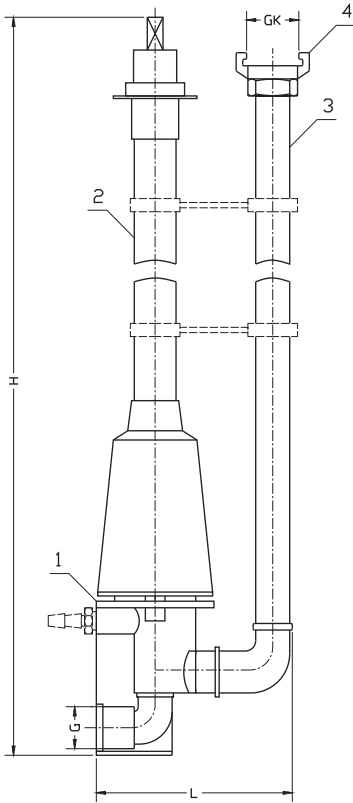
The hydrant key- see: 8014
 The hydrant outlet extension - see: 8015
 Street box - see: 9502-PEHD-GJL

Execution variant:

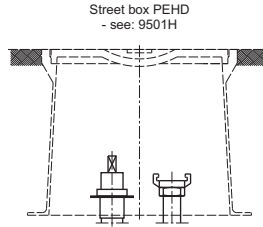
Column made of stainless steel 1.4301

Installation:





Built options:



Additional accessories:

The hydrant key
8014

The hydrant outlet
extension stand
8015



DN	G	GK	H	L
[mm]	[cal]		[mm]	
25	1"	1"	1280	170
50	6/4"	2"	1280	170

No.	Part	Standard execution
1	Close valve with dehydrator	Ductile cast iron EN-GJS-400-15 EN 1563
	Vulcanized wedge - elastomer	Grey iron; ductile cast iron EN-GJL-250; EN 1561 EN-GJS-400-15; EN 1563 rubber EPDM EN ISO 1629
	Stem	Stainless steel 1.4021 EN 10088-1
2	Rigid extension spindle for connectors	Steel 1.0037 EN 10025-2 Polietylene PE EN ISO 1872-1
3	Stand	Steel 65G
4	Bayonet socket	Brass CW617N EN 12165 Aluminum EN 1706

Pillar type fire hydrant double closing

PN16

FIRE
PREVENTION



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

VERSION

8003.4 DN80

Product description (standard execution):

- Complete drainage after full cut - off the flow
- Kv factor > 80 [m³/h] - (for 1x75 [mm]); Kv factor > 140 [m³/h] - (for 2x75 [mm]);
- Dehydration time < 15 [min.]
- Water-traces < 100 ml (for DN80)
- 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
- Welded brass socket constituting a monolithic body with the bottom body, resistant to scratches and surface damage
- 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 EN 1092-2 (DIN 2501) pressure PN10; PN16
- Outlet connector 2x8 75 [mm] 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 xPN
 Body: 1,5 x PN
 Operation torque test

Accessories:

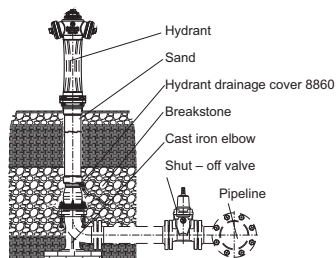
Hydrant drainage cover - see: 8860

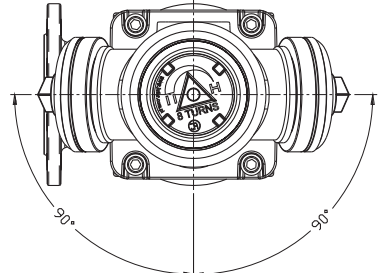
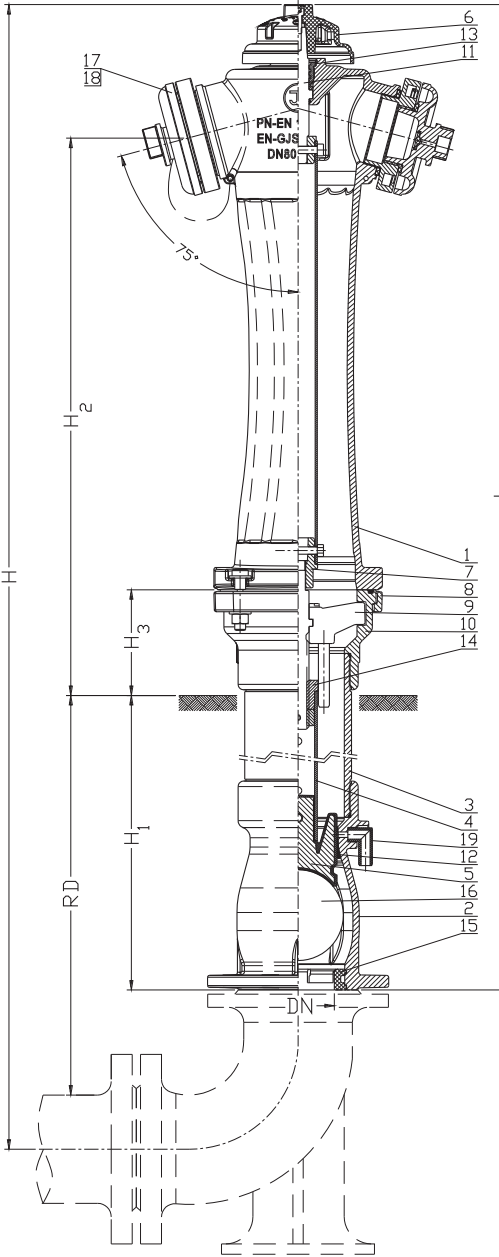
Execution variant:

Self-leveling version
 Tap pipe made of stainless steel 1.4301

Installation:

In vertical position on horizontal pipelines





DN	RD	L	H	H ₁	H ₂	H ₃	Weight
[mm]							[kg]
80	1000	1640	1805	880	600	110	69
80	1250	1890	2055	1130	600	110	75
80	1500	2140	2305	1380	600	110	81
80	1800	2440	2605	1680	600	110	89

No.	Part	Standard execution
1	Head	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7; EN 1563
2	Ball chamber	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7; EN 1563
3	Stand pipe	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7; EN1563 Steel 1.0037, EN 10025-2 Stainless steel 1.4301, EN 10088-1 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 / ISO 1629
6	Cap	Aluminium AISI EN 1706
7	Coupling	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7; EN 1563
8	Rotary flange pressure	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7; EN 1563
9	Bracket	BrassCW617N EN 12165
10	Rotary flange	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7; EN 1563
11	Stem	Stainless steel 1.4021 EN 10088-1
12	Socket	Bronze CuAl7 EN-ISO 24373
13	Gland seal	BrassCW617N EN 12165
14	Stem nut	BrassCW617N EN 12165
15	Ball blockade	Poly ethylen PP EN ISO 1873-1
16	Ball	Polipropylene or aluminium AISI / rubber EPDM EN 1706 / EN ISO 1629
17	Outlet connector B	Aluminium AISI EN 1706
18	Outlet connector cover	Aluminium AISI EN 1706
19	Dehydrator	Polipropylene PP EN ISO 1873-1

We reserve the rights to modify the production program and the given data without separate notices due to the permanent company development

Pillar type fire hydrant double closing

PN16

**FIRE
PREVENTION**



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

Product description (standard execution):

- Complete drainage after full cut - off the flow
- Kv factor > 80m³/h - (for 1x75); Kv factor > 140m³/h - (for 2x75); Kv factor > 160m³/h - (for 1x110);
- Dehydration time < 15 min.
- Water-traces < 150 ml (for DN100)
- 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
- 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 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 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:

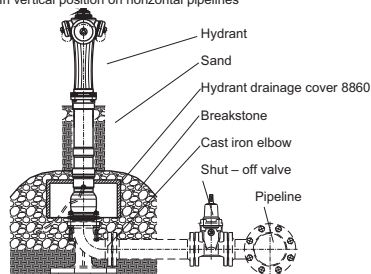
Hydrant drainage cover - see: 8860

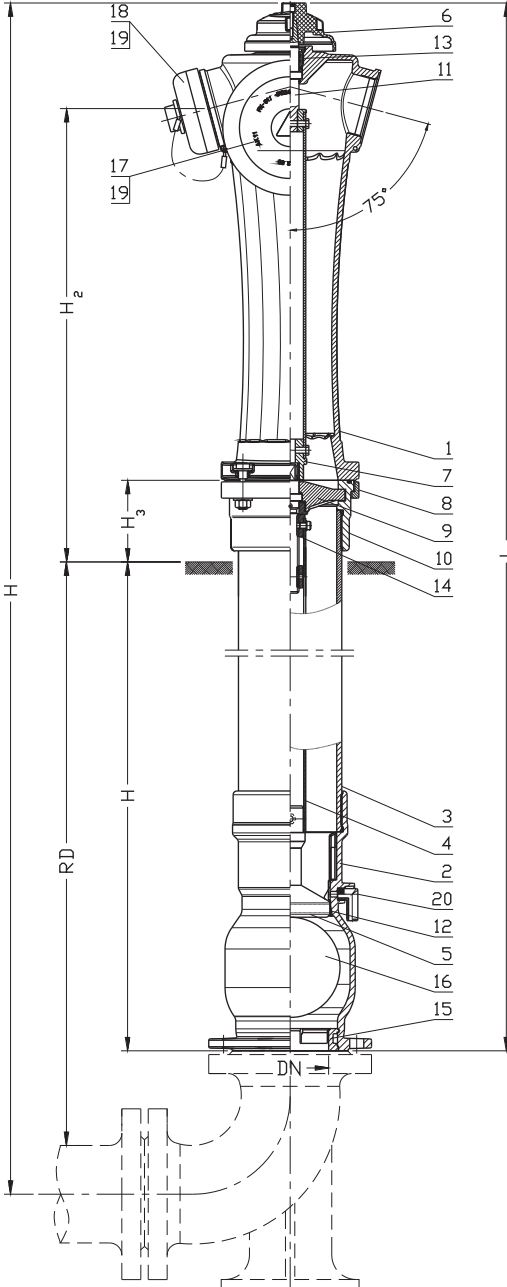
Execution variant:

Self-leveling version
 Tap pipe made of stainless steel 1.4301

Installation:

In vertical position on horizontal pipelines





DN	RD	L	H	H ₁	H ₂	H ₃	Weight
							[kg]
[mm]							
100	1000	1640	1825	875	600	110	58
100	1250	1890	2075	1125	600	110	63
100	1500	2140	2325	1375	600	110	68
100	1800	2440	2625	1675	600	110	74

No.	Part	Standard execution
1	Head	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7; EN 1563
2	Ball chamber	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7; EN 1563
3	Stand pipe	(Steel 1.0254; Stainless steel 1.4301) Ductile cast iron EN-GJS 400-15; EN-GJS 500-7; 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 AISi EN 1706
7	Coupling	Stainless steel 1.4301 EN 10088-1
8	Rotary flange pressure	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7; EN 1563
9	Bracket	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7; EN 1563
10	Rotary flange	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7; EN 1563
11	Stem	Stainless steel 1.4021 EN 10088-1
12	Socket	Bronze CuAl7 EN-ISO 24373
13	Gland seal	Brass CW617N EN 12165
14	Stem nut	Brass CW617N EN 12165
15	Ball blockade	Polyethylen PE EN ISO 1873-1
16	Ball	Polipropylene or aluminium AISi / rubber EPDM EN 1706 / EN ISO 1629
17	Outlet connector A	Aluminium AISi EN 1706
18	Outlet connector B	Aluminium AISi EN 1706
19	Outlet connector cover	Aluminium AISi EN 1706
20	Dehydrator	Polipropylene PP EN ISO 1873-1

Pillar type fire hydrant
single closing

PN16

FIRE PREVENTION



- **BREAKAGE PROTECTED**
- **ROTATING HEAD 0° TO 360°**

Product description (standard execution):

- Complete drainage after full cut - off the flow
- Kv factor > 80m³/h - (for 1x75); Kv factor > 140m³/h - (for 2x75); Kv factor > 160m³/h - (for 1x110);
- Dehydration time < 15 min.
- Water-traces < 100 ml (for DN80)
- Water-traces < 150 ml (for DN100)
- 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
- 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, GSK RAL certificate
- Resistant against disinfectants (suggested solution NaOCl)
- Flange connection and connector according 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 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:

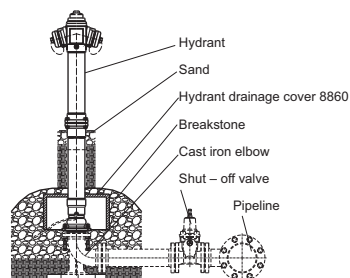
Hydrant drainage cover - see: 8860

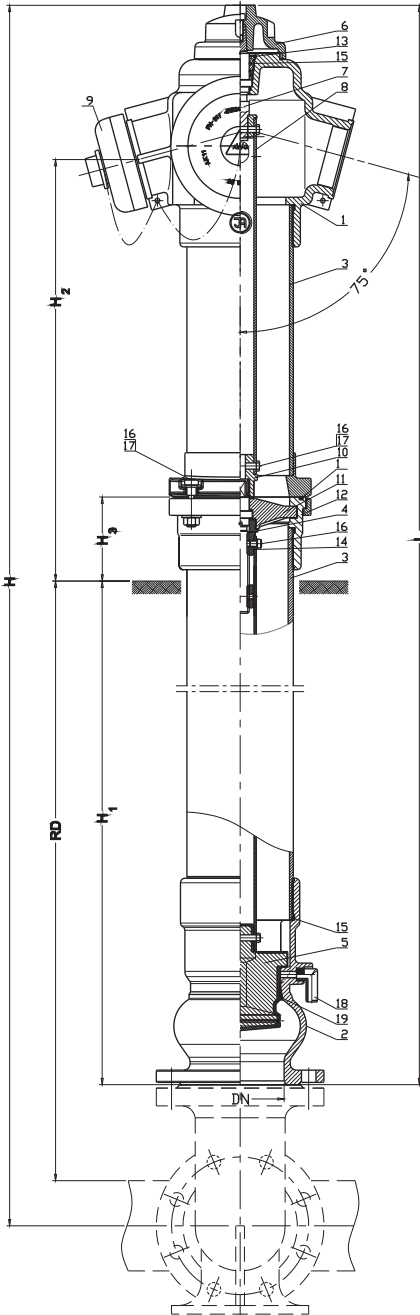
Execution variant:

Self-leveling version
 Tap pipe made of stainless steel 1.4301

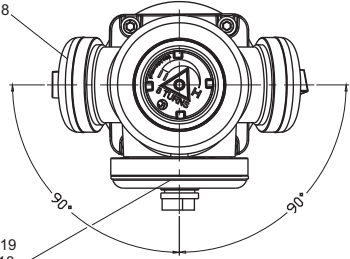
Installation:

In vertical position on horizontal pipelines





DN 80
2 x B75 DIN 14318



DN 100
1 x A110 DIN 14319
2 x B75 DIN 14318

DN	RD	L	H	H ₁	H ₂	H ₃	Weight
[mm]							[kg]
80	1000	1640	1805	880	600	110	43
80	1250	1890	2055	1130	600	110	46
80	1500	2140	2305	1380	600	110	49
80	1800	2440	2605	1680	600	110	54
100	1000	1640	1825	875	600	110	57
100	1250	1890	2075	1125	600	110	62
100	1500	2140	2325	1375	600	110	67
100	1800	2440	2625	1675	600	110	73

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	Stainless steel 1.4301 EN 10088-1
4	Sleeve	Brass CW617N EN 12165
5	Valve plug	Ductile cast iron EN-GJS-400-15; /EPDM; EN 1563 / EN ISO 1629
6	Cap	Aluminium AISi EN 1706
7	Stem	Stainless steel 1.4021 EN 10088-1
8	Spindle	Stainless steel 1.4301 EN 10088-1
9	Outlet connector	Aluminium AISi EN 1706
10	Coupling	Stainless steel 1.4301 EN 10088-1
11	Mounted stem	Ductile cast iron EN-GJS-400-15; EN 1563
12	Bottom flange	Ductile cast iron EN-GJS-400-15; EN 1563
13	Gland seal	Brass CW617N EN 12165
14	Stem nut	Brass CW617N EN 12165
15	O - ring gasket	Rubber EPDM EN ISO 1629
16	Screw	Stainless steel A2 EN ISO 4017; EN ISO 4762
17	Nut	Stainless steel A4 EN ISO 4032
18	Dehydrator	Polipropylene PP EN ISO 1873-1
19	Socket	Bronze CuAl7 EN ISO 24373

We reserve the rights to modify the production program and the given data without separate notices due to the permanent company development

Pillar type fire hydrant single closing

PN16

FIRE
PREVENTION



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

Product description (standard execution):

- Complete drainage after full cut - off the flow
- Kv factor > 80m³/h - (for 1x75); Kv factor > 140m³/h - (for 2x75); Kv factor > 160m³/h - (for 1x110);
- Dehydration time < 15 min.
- Water-traces < 150 ml (for DN100)
- 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
- 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 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 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:

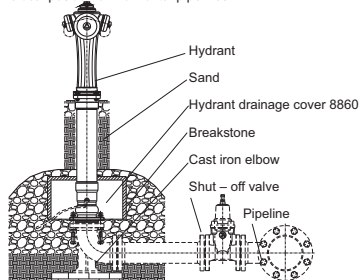
Hydrant drainage cover - see: 8860

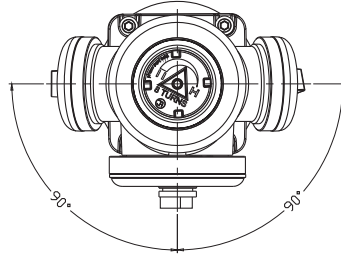
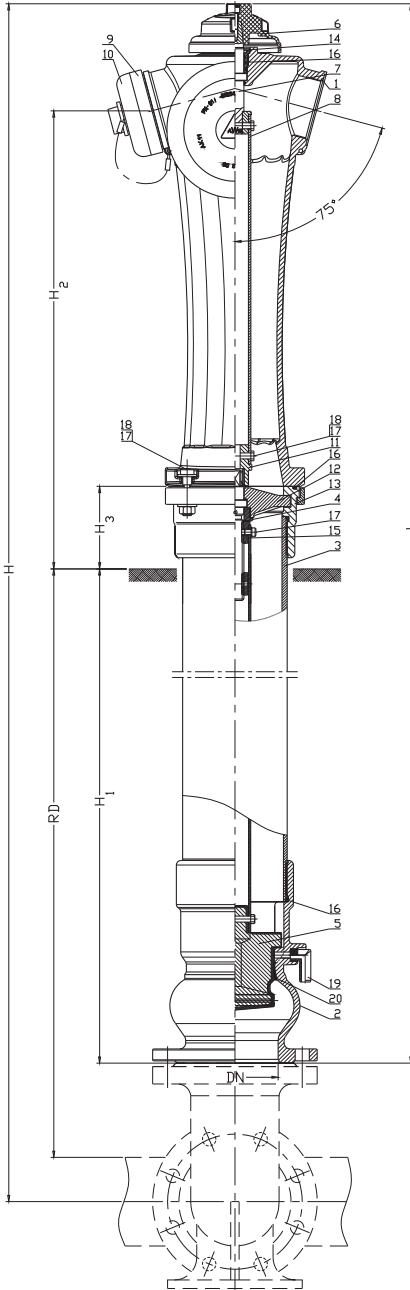
Execution variant:

Self-leveling version
 Tap pipe made of stainless steel 1.4301

Installation:

In vertical position on horizontal pipelines





DN	RD	L	H	H ₁	H ₂	H ₃	Weight
[mm]							[kg]
100	1000	1640	1825	875	600	110	57
100	1250	1890	2075	1125	600	110	62
100	1500	2140	2325	1375	600	110	67
100	1800	2440	2625	1675	600	110	73

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	Steel 1.0254; Stainless steel 1.4301 EN 1503-3
4	Sleeve	Brass CW617N EN 12165
5	Valve plug	Ductile cast iron EN-GJS-400-15; EPDM; EN 1563 / EN ISO 1629
6	Cap	Aluminium AISi EN 1706
7	Stem	Stainless steel 1.4021 EN 10088-1
8	Spindle	Stainless steel 1.4301 EN 10088-1
9	Outlet connector	Aluminium AISi EN 1706
10	Bonnet	Aluminium AISi; EN 1706 Ductile cast iron EN-GJS-400-15; EN 1563
11	Coupling	Ductile cast iron EN-GJS-400-15; EN 1563
12	Mounted stem	Ductile cast iron EN-GJS-400-15; EN 1563
13	Bottom flange	Ductile cast iron EN-GJS-400-15; EN 1563
14	Gland seal	Brass CW617N EN 12165
15	Stem nut	Brass CW617N EN 12165
16	O - ring gasket	Rubber EPDM EN ISO 1629
17	Screw	Stainless steel A2 EN ISO 4017; EN ISO 4762
18	Nut	Stainless steel A4 EN ISO 4032
19	Dehydrator	Polipropylene PP EN ISO 1873-1
20	Socket	Bronze CuAl7 EN ISO 24373

We reserve the rights to modify the production program and the given data without separate notices due to the permanent company development

Pillar type fire hydrant single closing

PN16

FIRE
PREVENTION



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

Product description (standard execution):

- Complete drainage after full cut - off the flow
- Kv factor > 80m³/h - (for 1x75); Kv factor > 140m³/h - (for 2x75);
- Dehydration time < 15 min.
- Water-traces < 100 ml (for DN80)
- 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
- 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 EN 1092-2 (DIN 2501) pressure PN10; PN16
- Outlet connector B 75 according to DIN 14318
- Control key according to 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:

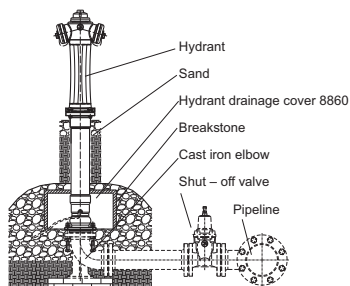
Hydrant drainage cover - see: 8860

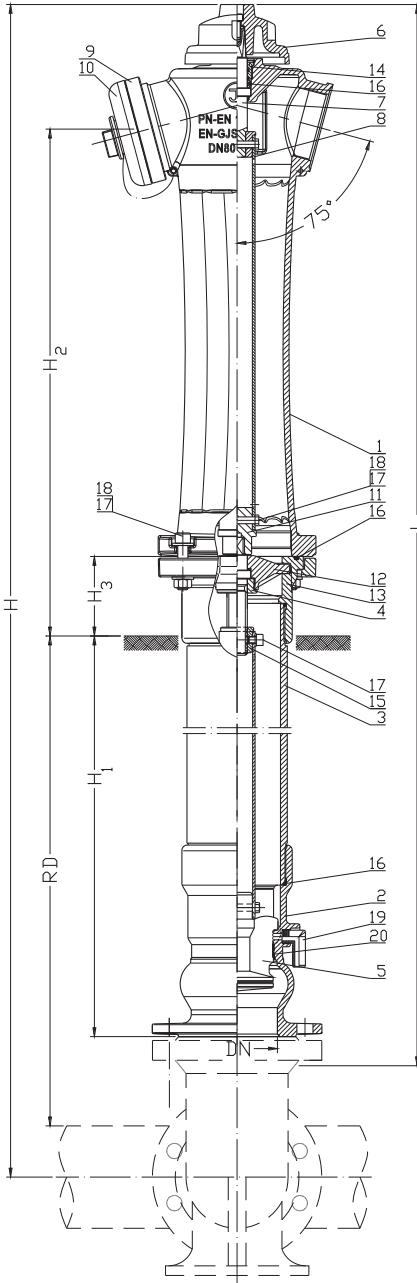
Execution variant:

Self-leveling version
 Tap pipe made of stainless steel 1.4301

Installation:

In vertical position on horizontal pipelines





DN	RD	L	H	H ₁	H ₂	H ₃	Weight
							[kg]
80	1000	1640	1805	880	600	110	48
80	1250	1890	2055	1130	600	110	53
80	1500	2140	2305	1380	600	110	58
80	1800	2440	2605	1680	600	110	64

No.	Part	Standard execution
1	Head	Ductile cast iron EN-GJS-400-15; EN-GJS-500-7; EN 1563
2	Bottom body	Ductile cast iron EN-GJS-400-15; EN-GJS-500-7; EN 1563
3	Stand pipe	Ductile cast iron EN-GJS-400-15; EN-GJS-500-7; (Steel 1.0254; Stainless steel 1.4301) EN 1503-3
4	Sleeve	Brass CW617N EN 12165
5	Valve plug	Ductile cast iron EN-GJS-400-15; EN-GJS-500-7 EPDM; EN 1563 / EN ISO 1629
6	Cap	Aluminium AISI EN 1706
7	Stem	Stainless steel 1.4021 EN 10088-1
8	Spindle	Stainless steel 1.4301 EN 10088-1
9	Outlet connector	Aluminium AISI EN 1706
10	Bonnet	Aluminium AISI; EN 1706 Ductile cast iron EN-GJS-400-15; EN 1563
11	Coupling	Ductile cast iron EN-GJS-400-15; EN-GJS-500-7; EN 1563
12	Mounted stem	Ductile cast iron EN-GJS-400-15; EN-GJS-500-7; EN 1563
13	Bottom flange	Ductile cast iron EN-GJS-400-15; EN-GJS-500-7; EN 1563
14	Gland seal	Brass CW617N EN 12165
15	Stem nut	Brass CW617N EN 12165
16	O - ring gasket	Rubber EPDM EN ISO 1629
17	Screw	Stainless steel A2 EN ISO 4017; EN ISO 4762
18	Nut	Stainless steel A4 EN ISO 4032
19	Dehydrator	Polipropylene PP EN ISO 1873-1
20	Socket	Bronze CuAl7 EN ISO 24373

Pillar type fire hydrant
double closing

PN16

**FIRE
PREVENTION**



VERSION

8005.4 DN80

Product description (standard execution):

- Complete drainage after full cut - off the flow
- Kv factor > 80 [m³/h] - (for 1x75 [mm]); Kv factor > 140 [m³/h] - (for 2x75 [mm]);
- Dehydration time < 15 [min.]
- Water-traces < 100 [ml] (for DN80)
- 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
- Welded brass socket constituting a monolithic body with the bottom body, resistant to scratches and surface damage
- 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 EN 1092-2 (DIN 2501) pressure PN10; PN16
- Outlet connector 2xB 75 [mm] according to DIN 14318
- Control key according to PN-89/M – 74088
- Working pressure PN16
- Product according to EN 1074-1; EN 1074-2; 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:

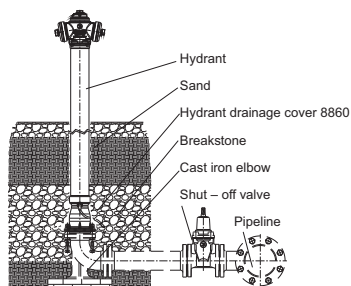
Hydrant drainage cover - see: 8860

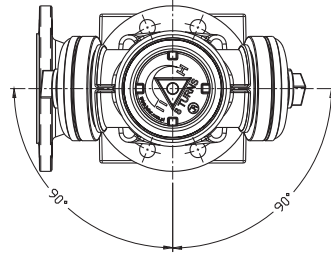
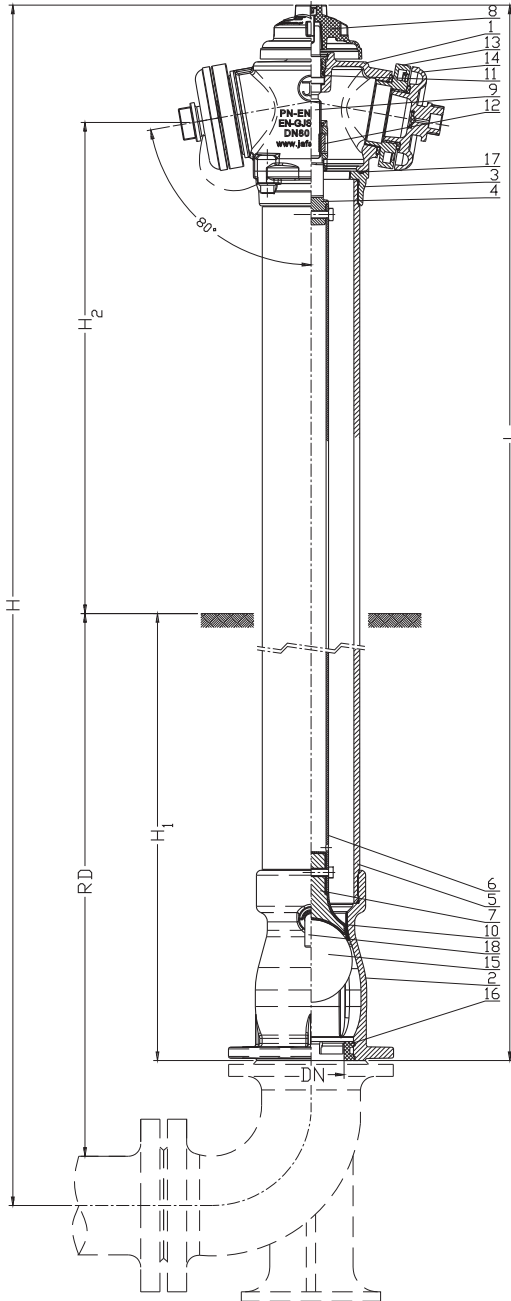
Execution variant:

Tap pipe made of stainless steel 1.4301

Installation:

In vertical position on horizontal pipelines





DN	RD	L	H	H ₁	H ₂	Weight
[mm]						[kg]
80	1000	1640	1805	880	565	58
80	1250	1890	2055	1130	565	63
80	1500	2140	2305	1380	565	68
80	1800	2440	2605	1680	565	74

No.	Part	Standard execution
1	Head	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7; EN 1563
2	Ball chamber	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7; EN 1563
3	Rotary flange	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7; EN 1563
4	Cover nut	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7; EN 1563
5	Stand pipe	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7; EN1563 Steel 1.0037, EN 10025-2 Stainless steel 1.4301, EN 10088-1 EN 1503-1
6	Spindle	Stainless steel 1.4301 EN 10088-1
7	Valve plug	Ductile cast iron EN-GJS 400-15/ EPDM; EN 1563 ISO 1629
8	Cap	Aluminium AISi EN 1706
9	Stem	Stainless steel 1.4021 EN 10088-1
10	Socket	Bronze CuAl7 EN-ISO 24373
11	Gland seal	Brass CW617N EN 12165
12	Stem nut	Brass CW617N EN 12165
13	Outlet connector B	Aluminium AISi EN 1706
14	Outlet connector cover	Aluminium AISi EN 1706
15	Ball	Polipropylene or aluminium AISi / rubber EPDM EN 1706 / EN ISO 1629
16	Ball blockade	Poly ethylen PP EN ISO 1873-1
17	O-ring	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7; EN 1563
18	Dehydrator	Polipropylene PP EN ISO 1873-1

We reserve the rights to modify the production program and the given data without separate notices due to the permanent company development

Pillar type fire hydrant Vintage design
double closing

PN16

**FIRE
PREVENTION**



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

Product description (standard execution):

- Decorative, vintage design
- Kv factor > 80m³/h - (for 1x75); Kv factor > 140m³/h - (for 2x75); Kv factor > 160m³/h - (for 1x110);
- Dehydration time < 15 min.
- Water-traces < 150 ml (for DN100)
- Complete drainage after full cut - off the flow
- 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
- 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 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:

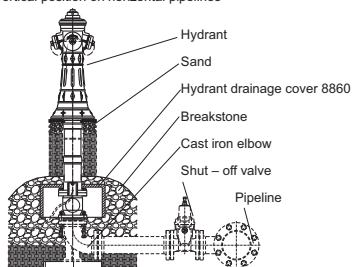
Hydrant drainage cover - see: 8860

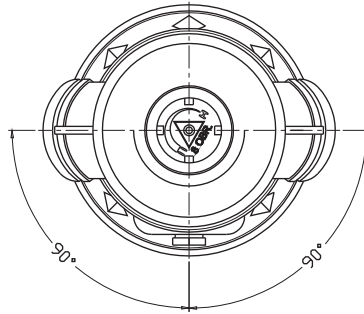
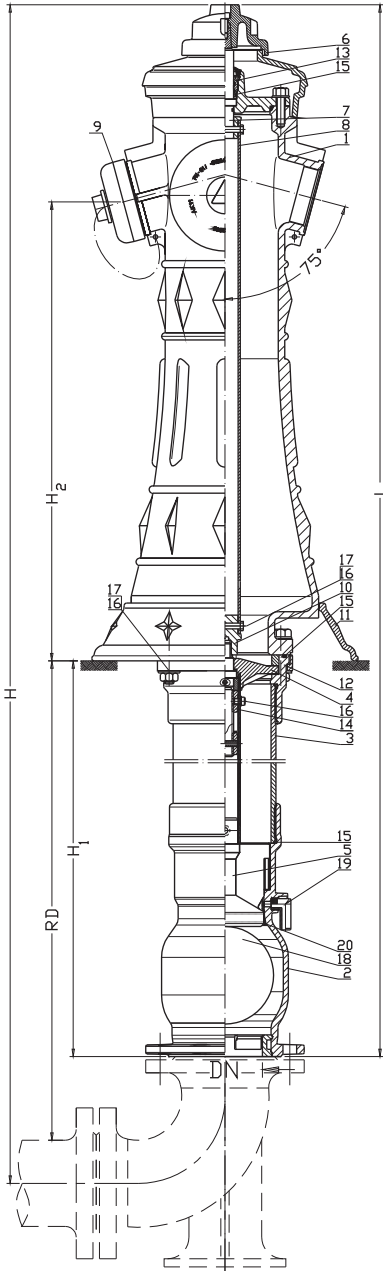
Execution variant:

Self-leveling version
Tap pipe made of stainless steel 1.4301

Installation:

In vertical position on horizontal pipelines





DN	RD	L	H	H ₁	H ₂	Weight
[mm]						[kg]
100	1000	1800	1955	880	640	74
100	1250	2050	2205	1130	640	79
100	1500	2300	2455	1380	640	84
100	1800	2600	2755	1680	640	90

No.	Part	Standard execution
1	Head	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7; EN 1563
2	Ball chamber	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7; EN 1563
3	Stand pipe	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7; (Steel 1.0254; Stainless steel 1.4301) EN 1503-3
4	Socket	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7; EN 1563
5	Valve plug	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7 / EPDM; EN 1563 / EN ISO 1629
6	Cap	Aluminium AISi EN 1706
7	Stem	Stainless steel 1.4021 EN 10088-1
8	Spindle	Stainless steel 1.4301 EN 10088-1
9	Socket	Aluminium AISi EN 1706
10	Coupling	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7; EN 1563
11	Ring	Grey iron EN-GJL 250; EN 1561 Ductile cast iron EN-GJS 500-7; EN 1563
12	Bottom flange	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7; EN 1563
13	Gland seal	Brass CW617N EN 12165
14	Stem nut	Brass CW617N EN 12165
15	O - ring gasket	Rubber EPDM EN ISO 1629
16	Screw	Stainless steel A2 EN ISO 4017; EN ISO 4762
17	Nut	Stainless steel A4 EN ISO 4032
18	Ball	Polipropylene or aluminium AISi / rubber EPDM EN 1706 / EN-ISO 1629
19	Dehydrator	Polipropylene PP EN ISO 1873-1
20	Socket	Bronze CuAl7 EN ISO 24373

We reserve the rights to modify the production program and the given data without separate notices due to the permanent company development

Pillar type fire hydrant Vintage design double closing

PN16

**FIRE
PREVENTION**



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

Product description (standard execution):

- Decorative, vintage design
- Kv factor > 80m³/h - (for 1x75); Kv factor > 140m³/h - (for 2x75);
- Dehydration time < 15 min
- Water-traces < 100 ml (for DN80)
- Complete drainage after full cut - off the flow
- 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
- 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
- Control key according to 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:

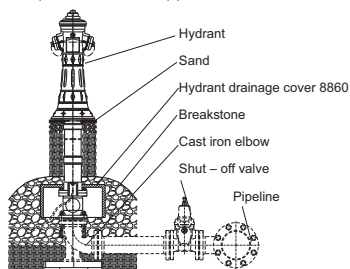
Hydrant drainage cover - see: 8860

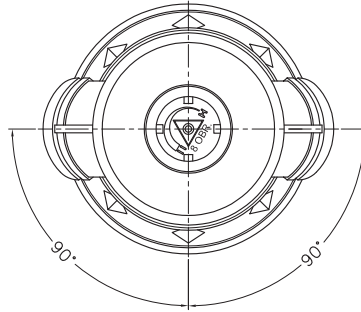
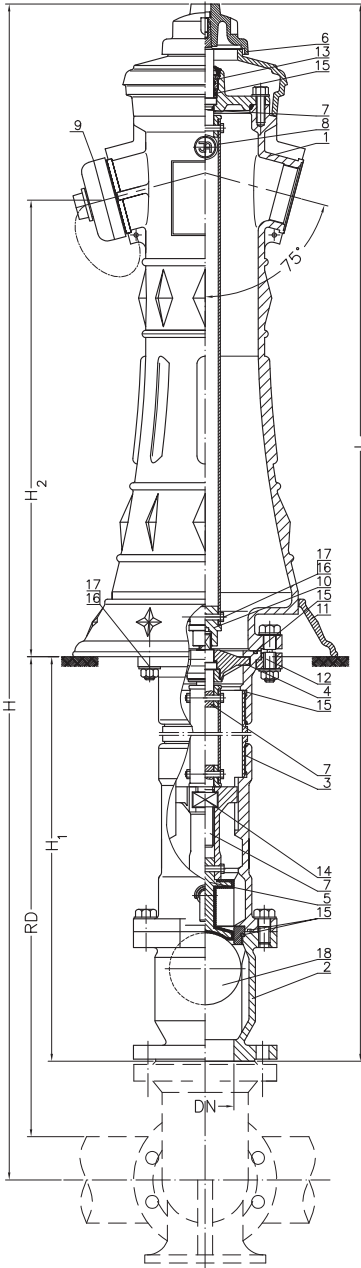
Execution variant:

Self-leveling version
 Tap pipe made of stainless steel 1.4301

Installation:

In vertical position on horizontal pipelines





DN	RD	L	H	H ₁	H ₂	Weight
[mm]						[kg]
80	1000	1800	1955	880	64	75
80	1250	2050	2205	1130	640	80
80	1500	2300	2455	1380	640	85
80	1800	2600	2755	1680	640	91

No.	Part	Standard execution
1	Head	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7; EN 1563
2	Ball chamber	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7; EN 1563
3	Stand pipe	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7 (Steel 1.0254; Stainless steel 1.4301) EN 1503-3
4	Mounted stem	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7; EN 1563
5	Valve plug	Ductile cast iron EN-GJS 400-15 EN-GJS 500-7 / EPDM; EN 1563 / EN ISO 1629
6	Cap	Aluminium AISI EN 1706
7	Stem	Stainless steel 1.4021 EN 10088-1
8	Spindle	Stainless steel 1.4301 EN 10088-1
9	Outlet connector	Aluminium AISI EN 1706
10	Coupling	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7; EN 1563
11	Ring	Grey iron EN-GJL 250; EN 1561 Ductile cast iron EN-GJS 500-7; EN 1563
12	Bottom flange	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7; EN 1563
13	Gland seal	Brass CW617N EN 12165
14	Stem nut	Brass CW617N EN 12165
15	O – ring gasket	Rubber EPDM EN ISO 1629
16	Screw	Stainless steel A2 EN ISO 4017; EN ISO 4762
17	Nut	Stainless steel A4 EN ISO 4032
18	Ball	Polipropylene or aluminium AISI / rubber EPDM EN 1706 / EN-ISO 1629

- other material variants on special request

Public water fountain Vintage design
PN16
WATER

Product description (standard execution):

- Body made of ductile cast iron, vintage, retro-style design
- Closing valve parts made of brass
- Complete drainage after cut-off the flow
- Tap pipe made of stainless steel 1.4301
- Coat arms
- Resistant against disinfectants (suggested solution NaOCl)
- Epoxy coating minimum 250 microns according to EN 14901
- Working pressure PN16
- Threaded connector 3/4" according to EN 10226-1
- Product marking according to EN 19; EN 1074

Application:

Water distribution in public and private area

Installation:

In vertical position on horizontal pipelines

Test control:

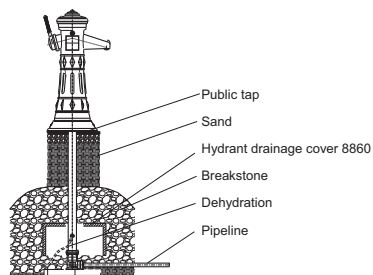
Water pressure test according to EN 1074-1; EN 1074-2; EN 12266-1
 Seat: 1,1 x PN
 Body: 1,5 x PN

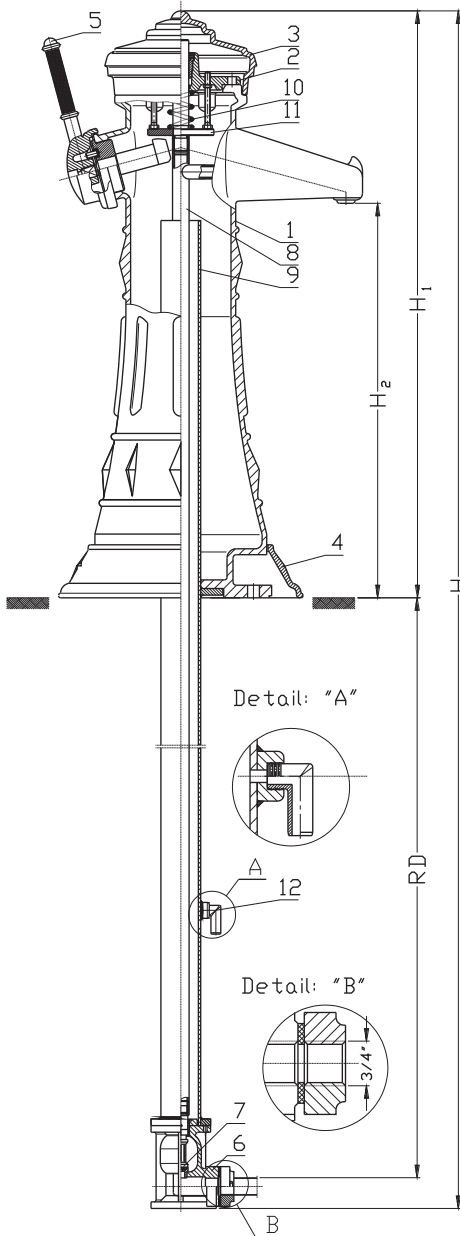
Accessories:

Hydrant drainage cover - see: 8860

Execution variant:

Tap pipe made of stainless steel 1.4301





DN	RD	H*	H ₁	H ₂	Weight
[cal]		[mm]			[kg]
3/4"	1000	1930	885	600	35
3/4"	1250	2180	885	600	39
3/4"	1600	2430	885	600	43
3/4"	1800	2730	885	600	47

* - other lengths on request

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	Cover	Ductile cast iron EN-GJS-400-15 EN 1563
4	Trim ring	Ductile cast iron EN-GJS-400-15 EN 1563
5	Lever	Grey iron EN-GJL-250 EN 1561
6	Valve chamber	Grey iron EN-GJL-250 EN 1561
7	Closing component	Steel 1.0037 EN 10025-2
8	Tap Pipe	Stainless steel 1.4301 EN 10088-1
9	Protection Pipe	Stainless steel 1.4301 EN 10088-1 Steel 1.0037 EN 10025-2
10	Compression spring	Steel 12R10 EN 10270-3
11	Lifting plate	Steel 1.0037 EN 10025-2
12	Dehydrator	Polipropylene PP EN ISO 1873-1

- other material variants on special request

Pillar type fire hydrant with double closing

PN16

FIRE PREVENTION



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

Product description (standard execution):

- Complete drainage after full cut off the flow
- Kv factor > 140 m³/h
- Dehydration time < 15 min.
- Water-traces < 100 ml (for DN80); < 150 ml (for DN100); < 200 ml (for DN150)
- 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
- Beginning of opening < 2 turns; full opening after 13 turns for DN80, DN100, 17 turns for DN150
- MOT 80 Nm
- mST 250 Nm
- Corrosion resistant internal and external parts
- UV resistant epoxy coating minimum 250 microns according to EN 14901
- Resistant for disinfectants (suggested solution NaOCl)
- Flange connection and connector according to EN 1092-2 (DIN 2501) pressure PN10; PN16
- Outlet connector 40 according to NF S61-213/CN
- Outlet connector 65 according to NF S61-213/CN
- Outlet connector 100 according to NF S61-213/CN
- Working pressure PN16
- Product according to EN 1074-1, EN 1074-6 and NF 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:

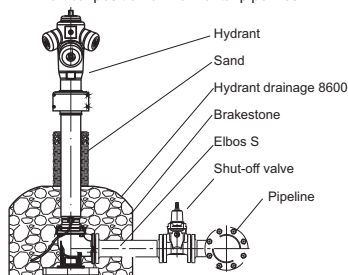
Elbow S type 9270
 Protection of hydrant 8790

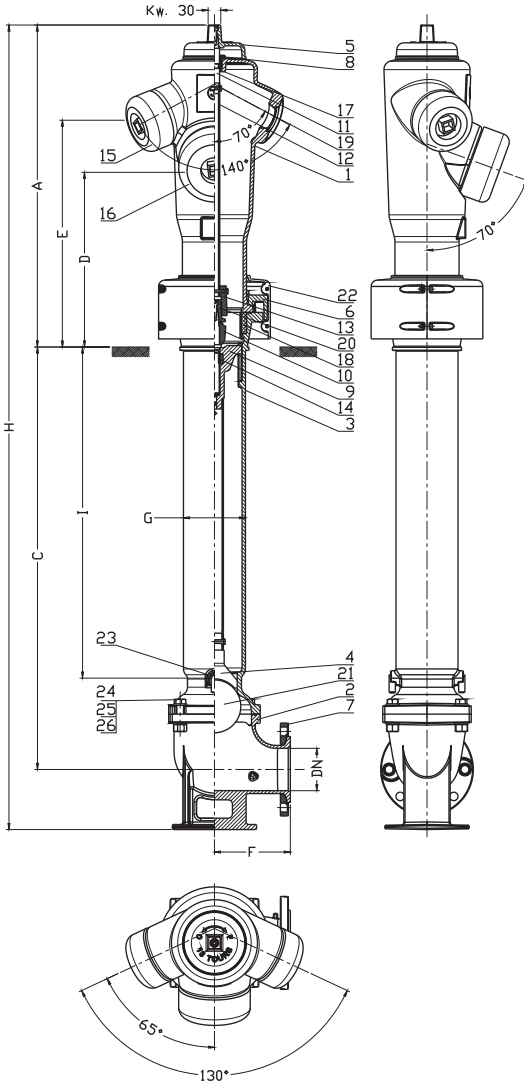
Execution types:

Spare parts made of bronze instead of brass
 Spare parts made of SS 1.4401 instead of SS 1.4301, SS 1.4021
 Bonnets and outlets made of bronze

Assembling:

In vertical position on horizontal pipelines.





No.	Part	Standard execution
1	Head	Ductile cast iron EN-GJS 400-15; EN 1563
2	Elbow S	Ductile cast iron EN-GJS 400-15; EN 1563
3	Stand pipe	Ductile cast iron EN-GJS 400-15; EN 1563
4	Valve plug	Ductile cast iron EN-GJS 400-15 / EPDM EN 1563 / ISO 1629
5	Cap	Ductile cast iron EN-GJS 400-15; EN 1563
6	Break flange	Ductile cast iron EN-GJS 400-15; EN 1563
7	Free flange	Ductile cast iron EN-GJS 400-15; EN 1563
8	Gland seal	Brass CW617N EN 12165
9	Screw protection	Ductile cast iron EN-GJS 400-15; EN 1563
10	Coupling wings	Brass CW617N EN 12165
11	Stem	Stainless steel 1.4021 EN 10088-1
12	Spindle	Stainless steel 1.4301 EN 10088-1
13	Coupling	Ductile cast iron EN-GJS 400-15; EN 1563
14	Stem nut	Brass CW617N EN 12165
15	Outlet connector B	Aluminium AISi EN 1706:2011
16	Outlet connector A	Aluminium AISi EN 1706
17	O - ring gasket	Rubber EPDM ISO 1629
18	Blockade	Aluminium AISi EN 1706
19	Screw	Stainless steel EN ISO 4017
20	Bottom coupling cap	Ductile cast iron EN-GJS 400-15; EN 1563
21	Ball	Polipropylene or Aluminium AISi / Rubber EPDM
22	Protection of breaking zone	Polipropylene PP EN ISO 1873-1
23	Dehydrator	Polipropylene PP EN ISO 1873-1
24	Screw	Stainless steel A2 EN ISO 4017
25	Nut	Stainless steel A4 EN ISO 4032
26	Washer	Stainless steel A2 EN ISO 7091

DN	H	C	A	E	D	I	G	F	Weight	Connection			
									[mm]	[kg]	40	65	100
80	1900	1000	760	540	440	785	148	180	96	x2	x1	-	
	2100	1200				985			103	x2	x1	-	
	1900	1000		-	440	785	148	180	96	-	x1	-	
	2100	1200				985			103	-	x1	-	
100	1900	1000		540	440	785	148	180	96	-	x2	x1	
	2100	1200				985			103	-	x2	x1	
150	1900	1000		430	540	785	190	195	120	-	x1	x2	
	2100	1200				985			128	-	x1	x2	

We reserve the rights to modify the production program and the given data without separate notices due to the permanent company development

Pillar type fire hydrant with single closing

PN16

FIRE PREVENTION



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

Product description (standard execution):

- Complete drainage after full cut off the flow
- Kv factor > 140 m³/h
- Dehydration time < 15 min.
- Water-traces < 100 ml (for DN80); < 150 ml (for DN100); < 200 ml (for DN150)
- 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
- Beginning of opening < 2 turns; full opening after 13 turns for DN80, DN100, 17 turns for DN150
- MOT 80 Nm
- mST 250 Nm
- Corrosion resistant internal and external parts
- UV resistant epoxy coating minimum 250 microns according to EN 14901
- Resistant for disinfectants (suggested solution NaOCl)
- Flange connection and connector according to EN 1092-2 (DIN 2501) pressure PN10; PN16
- Outlet connector 40 according to NF S61-213/CN
- Outlet connector 65 according to NF S61-213/CN
- Outlet connector 100 according to NF S61-213/CN
- Working pressure PN16
- Product according to EN 1074-1; EN 1074-6 and NF 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:

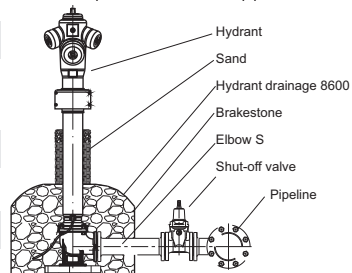
Elbow S type 9270
 Protection of hydrant 8790

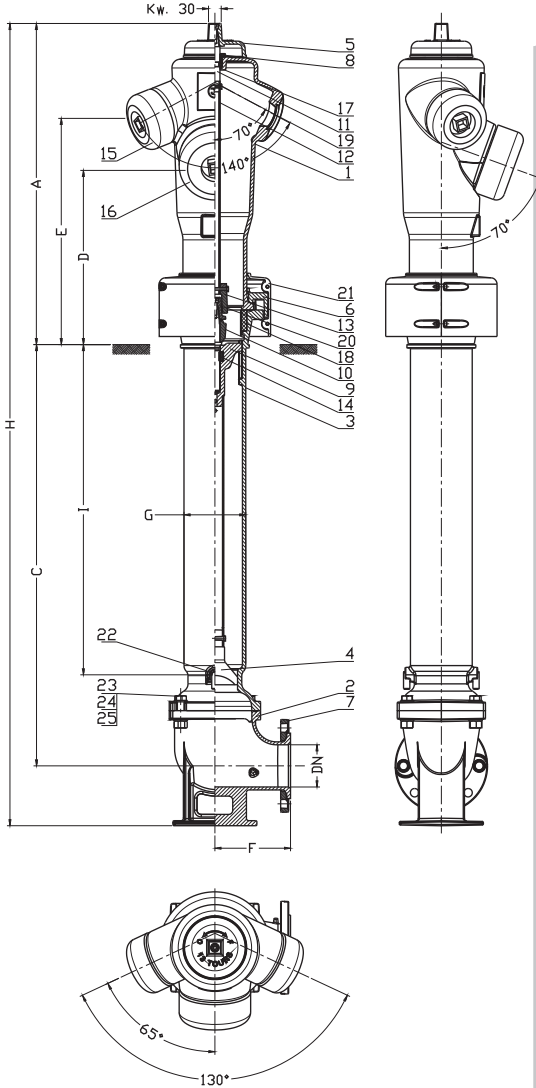
Execution types:

Spare parts made of bronze instead of brass
 Spare parts made of SS 1.4401 instead of SS 1.4301, SS 1.4021
 Bonnets and outlets made of bronze

Assembling:

In vertical position on horizontal pipelines.





No.	Part	Standard execution
1	Head	Ductile cast iron EN-GJS 400-15; EN 1563
2	Elbow S	Ductile cast iron EN-GJS 400-15; EN 1563
3	Stand pipe	Ductile cast iron EN-GJS 400-15; EN 1563
4	Valve plug	Ductile cast iron EN-GJS 400-15 / EPDM EN 1563 / ISO 1629
5	Cap	Ductile cast iron EN-GJS 400-15; EN 1563
6	Brake flange	Ductile cast iron EN-GJS 400-15; EN 1563
7	Free flange	Ductile cast iron EN-GJS 400-15; EN 1563
8	Gland seal	Brass CW617N EN 12165
9	Screw protection	Ductile cast iron EN-GJS 400-15; EN 1563
10	Coupling wings	Brass CW617N EN 12165
11	Stem	Stainless steel 1.4021 EN 10088-1
12	Spindle	Stainless steel 1.4301 EN 10088-1
13	Coupling	Ductile cast iron EN-GJS 400-15; EN 1563
14	Stem nut	Brass CW617N EN 12165
15	Outlet connector B	Aluminium AISi EN 1706
16	Outlet connector A	Aluminium AISi EN 1706
17	O - ring gasket	Rubber EPDM ISO 1629
18	Blockade	Aluminium AISi EN 1706
19	Screw	Stainless steel A2 EN ISO 4017
20	Bottom coupling cap	Ductile cast iron EN-GJS 400-15; EN 1563
21	Protection of breaking zone	Polipropylene PP EN ISO 1873-1
22	Dehydrator	Polipropylene PP EN ISO 1873-1
23	Screw	Stainless steel A2 EN ISO 4017
24	Nut	Stainless steel A4 EN ISO 4032
25	Washer	Stainless steel A2 EN ISO 7091

DN	H	C	A	E	D	I	G	F	Weight	Connection		
[mm]									[kg]	40	65	100
80	1900	1000	760	540	440	785	148	180	95	x2	x1	-
	2100	1200				985			102	x2	x1	-
	1900	1000		-	440	785	148	180	95	-	x1	-
	2100	1200				985			102	-	x1	-
100	1900	1000		540	440	785	148	180	95	-	x2	x1
	2100	1200				985			102	-	x2	x1
150	1900	1000		430	540	785	190	195	118	-	x1	x2
	2100	1200				985			126	-	x1	x2

We reserve the rights to modify the production program and the given data without separate notices due to the permanent company development

Pillar type fire hydrant with double closing

PN16

FIRE PREVENTION



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

Product description (standard execution):

- Complete drainage after full cut off the flow
- Kv factor > 140 m³/h
- Dehydration time < 15 min.
- Water-traces < 100 ml (for DN80); < 150 ml (for DN100); < 200 ml (for DN150)
- 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
- Beginning of opening < 2 turns; full opening after 13 turns for DN80, DN100, 17 turns for DN150
- MOT 80 Nm
- mST 250 Nm
- Corrosion resistant internal and external parts
- UV resistant epoxy coating minimum 250 microns according to EN 14901
- Resistant for disinfectants (suggested solution NaOCl)
- Flange connection and connector according to EN 1092-2 (DIN 2501) pressure PN10; PN16
- Outlet connector 40 according to NF S61-213/CN
- Outlet connector 65 according to NF S61-213/CN
- Outlet connector 100 according to NF S61-213/CN
- Working pressure PN16
- Product according to EN 1074-1, EN 1074-6 and NF 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:

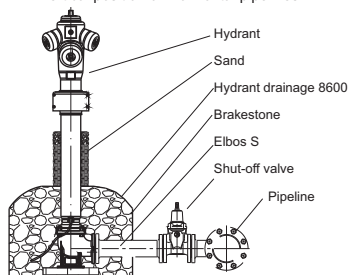
Elbow S type 9270
 Protection of hydrant 8790

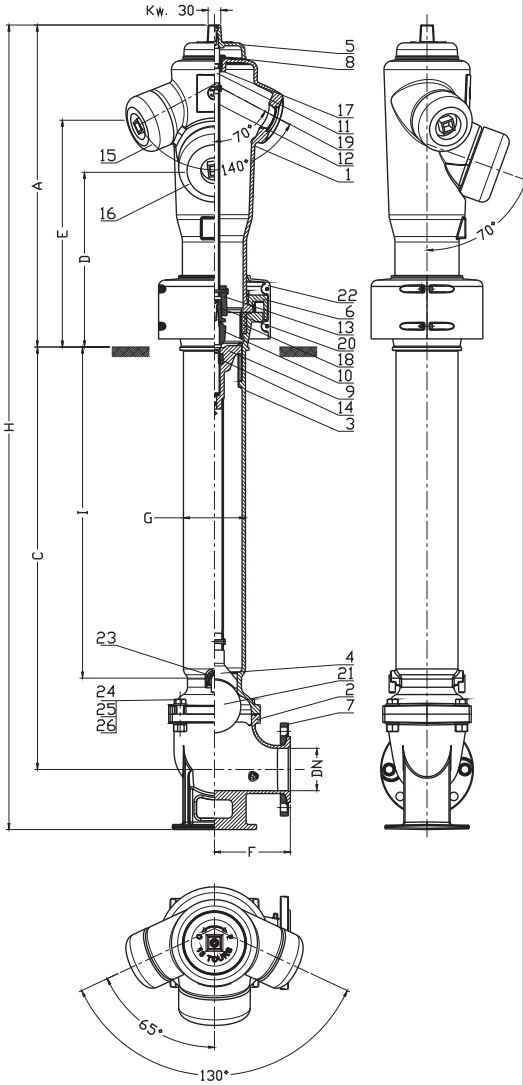
Execution types:

Spare parts made of bronze instead of brass
 Spare parts made of SS 1.4401 instead of SS 1.4301, SS 1.4021
 Bonnets and outlets made of bronze

Assembling:

In vertical position on horizontal pipelines.





No	Part	Standard execution
1	Head	Ductile cast iron EN-GJS 400-15; EN 1563
2	Elbow S	Ductile cast iron EN-GJS 400-15; EN 1563
3	Stand pipe	Ductile cast iron EN-GJS 400-15; EN 1563
4	Valve plug	Ductile cast iron EN-GJS 400-15 / EPDM EN 1563 / ISO 1629
5	Cap	Ductile cast iron EN-GJS 400-15; EN 1563
6	Break flange	Ductile cast iron EN-GJS 400-15; EN 1563
7	Free flange	Ductile cast iron EN-GJS 400-15; EN 1563
8	Gland seal	Brass CW617N EN 12165
9	Screw protection	Ductile cast iron EN-GJS 400-15; EN 1563
10	Coupling wings	Brass CW617N EN 12165
11	Stem	Stainless steel 1.4021 EN 10088-1
12	Spindle	Stainless steel 1.4301 EN 10088-1
13	Coupling	Ductile cast iron EN-GJS 400-15; EN 1563
14	Stem nut	Brass CW617N EN 12165
15	Outlet connector B	Aluminium AISi EN 1706
16	Outlet connector A	Aluminium AISi EN 1706
17	O - ring gasket	Rubber EPDM ISO 1629
18	Blockade	Aluminium AISi EN 1706
19	Screw	Stainless steel EN ISO 4017
20	Bottom coupling cap	Ductile cast iron EN-GJS 400-15; EN 1563
21	Ball	Polipropylene or Aluminium AISi / Rubber EPDM
22	Protection of breaking zone	Polipropylene PP EN ISO 1873-1
23	Dehydrator	Polipropylene PP EN ISO 1873-1
24	Screw	Stainless steel A2 EN ISO 4017
25	Nut	Stainless steel A4 EN ISO 4032
26	Washer	Stainless steel A2 EN ISO 7091

DN	H	C	A	E	D	I	G	F	Weight	Connection			
										[mm]			
										[kg]	40	65	100
80	1900	1000	760	540	440	785	148	180	96	x2	x1	-	
	2100	1200				985			103	x2	x1	-	
	1900	1000		-	440	785	148	180	96	-	x1	-	
	2100	1200				985			103	-	x1	-	
100	1900	1000	760	540	440	785	148	180	96	-	x2	x1	
	2100	1200				985			103	-	x2	x1	
150	1900	1000		760	430	540	785	190	195	120	-	x1	x2
	2100	1200					985			128	-	x1	x2

We reserve the rights to modify the production program and the given data without separate notices due to the permanent company development

Pillar type fire hydrant with single closing

PN16

**FIRE
PREVENTION**



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

Product description (standard execution):

- Complete drainage after full cut off the flow
- Kv factor > 140 m³/h
- Dehydration time < 15 min.
- Water-traces < 100 ml (for DN80); < 150 ml (for DN100); < 200 ml (for DN150)
- 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
- Beginning of opening < 2 turns; full opening after 13 turns for DN80, DN100, 17 turns for DN150
- MOT 80 Nm
- mST 250 Nm
- Corrosion resistant internal and external parts
- UV resistant epoxy coating minimum 250 microns according to EN 14901
- Resistant for disinfectants (suggested solution NaOCl)
- Flange connection and connector according to EN 1092-2 (DIN 2501) pressure PN10; PN16
- Outlet connector 40 according to NF S61-213/CN
- Outlet connector 65 according to NF S61-213/CN
- Outlet connector 100 according to NF S61-213/CN
- Working pressure PN16
- Product according to EN 1074-1, EN 1074-6 and NF 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:

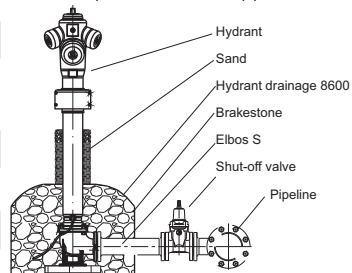
Elbow S type 9270
 Protection of hydrant 8790

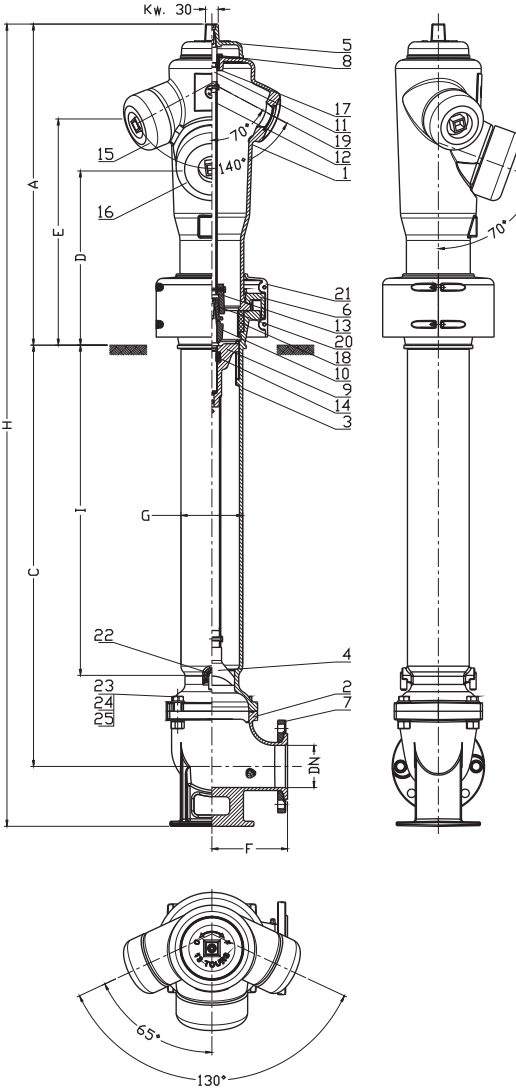
Execution types:

Spare parts made of bronze instead of brass
 Spare parts made of SS 1.4401 instead of SS 1.4301, SS 1.4021
 Bonnets and outlets made of bronze

Assembling:

In vertical position on horizontal pipelines.





No.	Part	Standard execution
1	Head	Ductile cast iron EN-GJS 400-15; EN 1563
2	Elbow S	Ductile cast iron EN-GJS 400-15; EN 1563
3	Stand pipe	Ductile cast iron EN-GJS 400-15; EN 1563
4	Valve plug	Ductile cast iron EN-GJS 400-15 / EPDM EN 1563 / ISO 1629
5	Cap	Ductile cast iron EN-GJS 400-15; EN 1563
6	Break flange	Ductile cast iron EN-GJS 400-15; EN 1563
7	Free flange	Ductile cast iron EN-GJS 400-15; EN 1563
8	Gland seal	Brass CW617N EN 12165
9	Screw protection	Ductile cast iron EN-GJS 400-15; EN 1563
10	Coupling wings	Brass CW617N EN 12165
11	Stem	Stainless steel 1.4021 EN 10088-1
12	Spindle	Stainless steel 1.4301 EN 10088-1
13	Coupling	Ductile cast iron EN-GJS 400-15; EN 1563
14	Stem nut	Brass CW617N EN 12165
15	Outlet connector B	Aluminium AISi EN 1706
16	Outlet connector A	Aluminium AISi EN 1706
17	O - ring gasket	Rubber EPDM ISO 1629
18	Blockade	Aluminium AISi EN 1706
19	Screw	Stainless steel EN ISO 4017
20	Bottom coupling cap	Ductile cast iron EN-GJS 400-15; EN 1563
21	Protection of breaking zone	Polipropylene PP EN ISO 1873-1
22	Washer	Brass CuZn39Pb1Al-B EN 1982
23	Dehydrator	Polipropylene PP EN ISO 1873-1
24	Screw	Stainless steel A2 EN ISO 4017
25	Nut	Stainless steel A4 EN ISO 4032

DN	H	C	A	E	D	I	G	F	Weight	Connection		
										[mm]		
										[kg]		
80	1900	1000	760	540	440	785	148	180	95	x2	x1	-
	2100	1200				985			102	x2	x1	-
	1900	1000		-	440	785	148	180	95	-	x1	-
	2100	1200				985			102	-	x1	-
100	1900	1000	760	540	440	785	148	180	95	-	x2	x1
	2100	1200				985			102	-	x2	x1
150	1900	1000	760	430	540	785	190	195	118	-	x1	x2
	2100	1200				985			126	-	x1	x2

We reserve the rights to modify the production program and the given data without separate notices due to the permanent company development

**Full bore underground hydrant
with plate valve**

PN16

**FIRE
PREVENTION**



Product description (standard execution):

- Complete drainage after full cut - off the flow
- Kv factor > 60m³/h
- Dehydration time < 15 min.
- Water-traces < 100 ml
- Plate valve made of stainless steel 1.4310
- Dust protection
- Initial opening < 4 turns; full opening after 15 turns
- MOT 105 Nm
- MST 210 Nm
- Corrosion resistant internal and external parts
- 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
- Jaw connection 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:

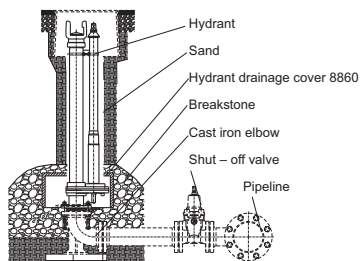
Water pressure test according to EN 1074-1; EN 1074-2; EN 12266-1
 Seat: 1,1 x PN
 Body: 1,5 x PN
 Operation torque test

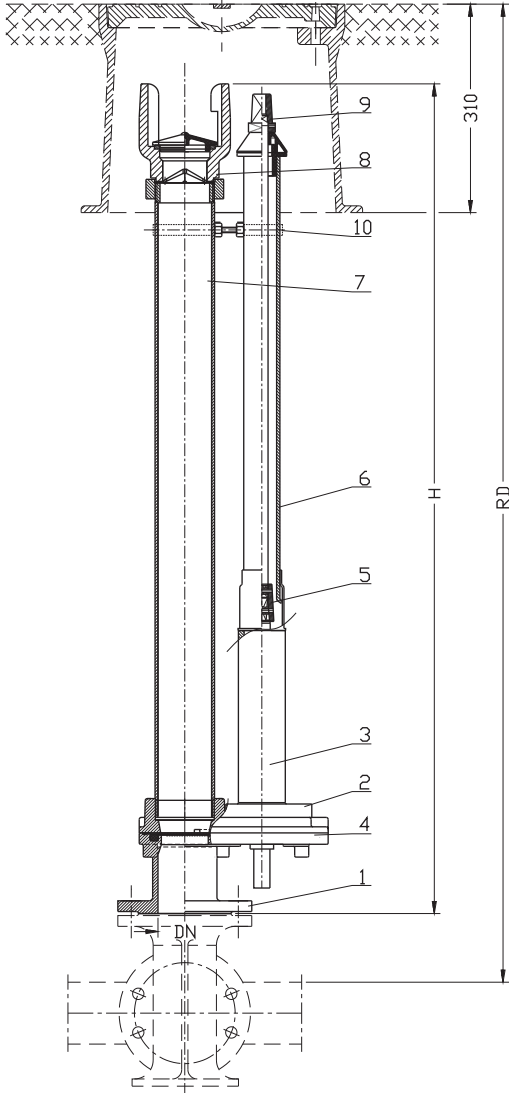
Accessories:

Street box - see: 9502 – PEHD-GJL

Installation:

In vertical position on horizontal pipelines





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

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 CW617N, EN 12165
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 1.0037, EN 10025-2 Stainless steel 1.4301, EN 10088-1 EN 1503-1
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

Underground hydrant single closing

PN16

**FIRE
PREVENTION**



8851.3
DN80



8851.1
DN100

Product description (standard execution):

- Complete drainage after cut - off the flow
- Kv factor > 60m³/h - (for DN80); Kv factor > 75m³/h - (for DN100);
- Dehydration time < 15 min.
- Water-traces < 100 ml (for DN80), < 150 ml (for DN100)
- Monolithic stand pipe made of ductile cast iron pipe DN80
- Stainless steel stem with rolled thread
- O-ring seal, o-ring zone, plug seal separated from the medium
- Forged packing cork protected against unscrewing
- EPDM fully vulcanized valve plug
- Initial opening < 3 turns; full opening after 8 turns
- MOT 105 Nm (for DN80), 130 Nm (for DN100)
- MST 210 Nm (for DN80), 260 Nm (for DN100)
- Corrosion resistant internal and external parts
- 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
- 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; 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:

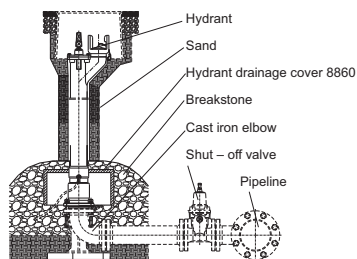
Street box for hydrant - see: 9502-PEHD-GJL
 Hydrant drainage cover - see: 8860

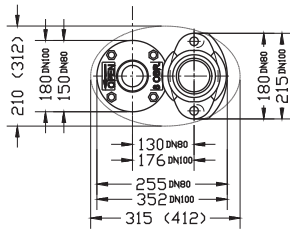
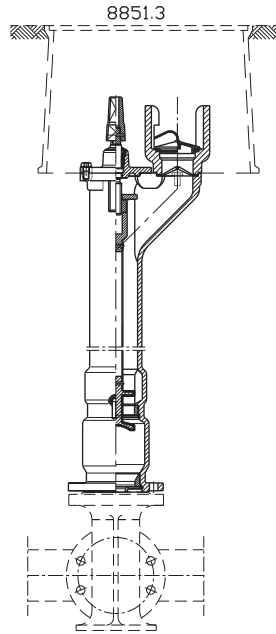
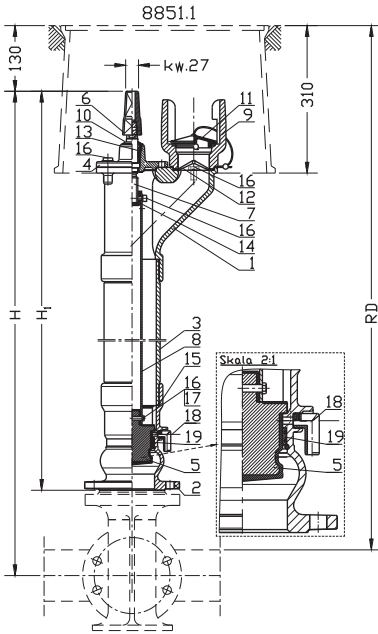
Execution variant:

Stainless steel stand pipe 1.4301

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 1563
2	Bottom body	Ductile cast iron EN-GJS-400-15; EN-GJS-500-7; EN 1563
3	Stand pipe	Ductile cast iron EN-GJS-400-15; EN-GJS-500-7; EN 1563; Steel 1.0037, EN 10025-2 EN 1503-1
4	Bonnet	Ductile cast iron EN-GJS 400-15, EN-GJS 500-7 EN 1563
5	Valve plug	Ductile cast iron EN-GJS-400-15; EN-GJS-500-7/EPDM EN 1563 / EN ISO 1629
6	Cap	Ductile cast iron EN-GJS 400-15, EN-GJS 500-7 EN 1563
7	Stem	Stainless steel 1.4021, EN 10088-1
8	Spindle	Steel 1.0037; EN 10025-2 Stainless steel 1.4021; EN 10088-1
9	Bayonet socket	Ductile cast iron EN-GJS-400-15; EN-GJS-500-7; EN 1563
10	Gasket	Rubber EPDM, EN ISO 1629
11	Outlet gasket	Rubber EPDM, EN ISO 1629
12	Deflector	Rubber EPDM, EN ISO 1629
13	Gland seal	Brass CW617N, EN 12165
14	Stem nut	Brass CW617N, EN 12165
15	O-ring gasket	Rubber EPDM, EN ISO 1629
16	Screw	Steel Fe/Zn5; Stainless steel A2 EN ISO 4017; EN ISO 4762
17	Nut	Steel Fe/Zn5; Stainless steel A4 EN ISO 4032
18	Dehydrator	Polipropylene PP EN ISO 1873-1
19	Socket	Brass CW617N, EN 12165

DN	RD	H	H ₁	Weight [kg]	
				8851.1	8851.3
[mm]					
80	750	665	500	-	18
80	1000	915	750	25	32
80	1250	1165	1000	30	38
80	1500	1415	1250	35	47
80	1800	1715	1500	42	-
100	1000	935	750	42	-
100	1250	1185	1000	45	-
100	1500	1435	1250	48	-
100	1800	1735	1500	54	-

We reserve the rights to modify the production program and the given data without separate notices due to the permanent company development

Underground hydrant
double closing

PN16

**FIRE
PREVENTION**

Underground hydrant
double closing



8852.2

Product description (standard execution):

- Complete drainage after cut - off the flow
- Kv factor > 60m³/h - (for DN80); Kv factor > 75m³/h - (for DN100);
- Dehydration time < 15 min.
- Water-traces < 100 ml (for DN80), < 150 ml (for DN100)
- Monolithic stand pipe made of ductile cast iron pipe DN80
- 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
- Initial opening < 3 turns; full opening after 8 turns
- MOT 105 Nm (for DN80), 130 Nm (for DN100)
- MST 210 Nm (for DN80), 260 Nm (for DN100)
- Corrosion resistant internal and external parts
- 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
- 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; 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:

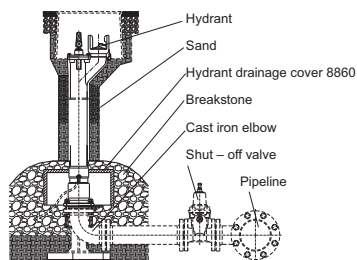
Street box for hydrant - see: 9502-PEHD-GJL
Hydrant drainage cover - see: 8860

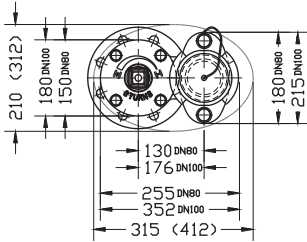
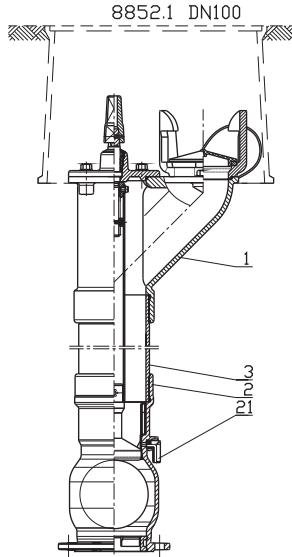
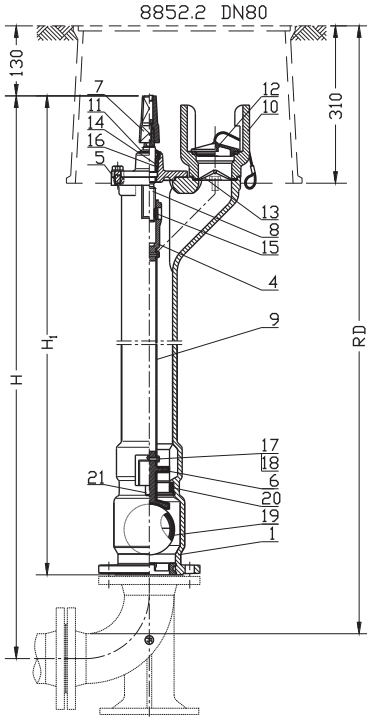
Execution variant:

Stainless steel stand pipe 1.4301

Installation:

In vertical position on horizontal pipelines





No.	Part	Material
1	Head	Ductile cast iron EN-GJS-400-15; EN-GJS-500-7; EN 1563
2	Bottom body	Ductile cast iron EN-GJS-400-15; EN-GJS-500-7; EN 1563
3	Stand pipe	Ductile cast iron EN-GJS-400-15; EN-GJS-500-7; Steel 1.0037; EN10025-2 Stainless steel 1.4301; EN 10088-1 EN 1503-1
4	Nut seat	Ductile cast iron EN-GJS-400-15; EN-GJS-500-7; EN 1563
5	Bonnet	Ductile cast iron EN-GJS-400-15; EN-GJS-500-7; EN 1563
6	Valve plug	Ductile cast iron EN-GJS-400-15; EN-GJS-500-7; EN 1563 / EPDM PN ISO 1629
7	Cap	Ductile cast iron EN-GJS-400-15; EN-GJS-500-7; EN 1563
8	Stem	Stainless steel 1.4021; EN 10088-1
9	Spindle	Stainless steel 1.4021; EN 10088-1
10	Bayonet socket	Ductile cast iron EN-GJS-400-15; EN-GJS-500-7; EN 1563
11	Gasket	Rubber EPDM; EN ISO 1629
12	Outlet gasket	Rubber EPDM; EN ISO 1629
13	Deflektor	Rubber EPDM; EN ISO 1629
14	Gland seal	Brass CW617N; EN 12165
15	Stem nut	Brass CW617N; EN 12165
16	O-ring gasket	Rubber EPDM; EN ISO 1629
17	Screw	Steel Fe/Zn5; Stainless steel A2 EN ISO 4017; EN ISO 4762
18	Nut	Steel Fe/Zn5; Stainless steel A4 EN ISO 4032
19	Ball	Polipropylene EN ISO 1873-1 Rubber EPDM EN ISO 1629
20	Socket	Brass CW617N; EN 12165
21	Dehy drator	Polipropilen PP EN ISO 1873-1

- other material variants on special request

We reserve the rights to modify the production program and the given data without separate notices due to the permanent company development

Underground hydrant
double closing

PN16

**FIRE
PREVENTION**



Product description (standard execution):

- Complete drainage after full cut - off the flow
- Kv factor > 75m³/h
- Dehydration time < 15 min.
- Water-traces < 150 ml
- Stand pipe made of galvanized steel
- Stem made of stainless steel pipe
- Stainless steel stem with rolled thread
- EPDM fully vulcanized valve plug
- Replaceable interior elements without closing the gate
- Outlet sealing implemented by pollution deflector
- Kv and dehydration time according to standard
- Initial opening < 4 turns; full opening after 13 turns
- MOT 130 Nm
- mST 260 Nm
- Corrosion resistant internal and external parts
- Epoxy coating minimum 250 microns according to EN 14901
- Resistant against disinfectants (suggested solution NaOCl)
- Flange connection and connector according to EN 1092-2
- Connection socket with thread 6"coil/inch by GOST 7499-71
- Working pressure PN16
- Product according to EN 1074-1 and 6, GOST 8220-85, PN-EN 14339
- 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:

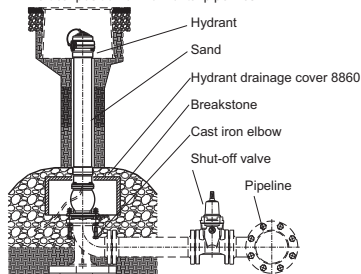
Street box for hydrant - see: 9502-PEHD-GJL
Hydrant drainage cover - see: 8860

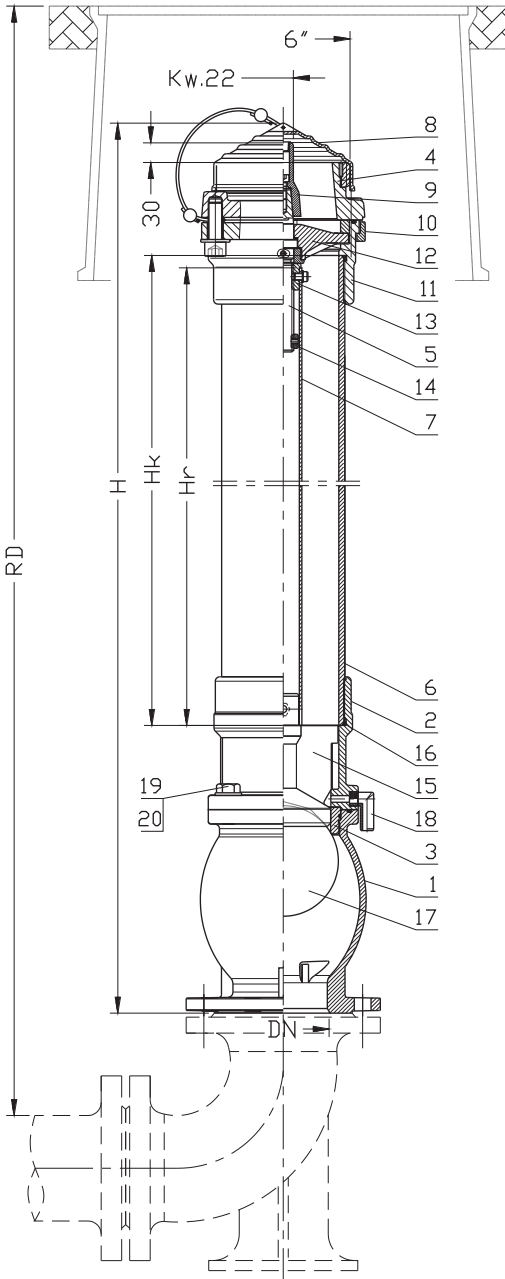
Execution variant:

Interior enamelling

Installation:

In vertical position on horizontal pipelines





DN	RD	H	H ₁	H _k	Weight
[mm]					
[kg]					
100	1000	720	254	266	39,6
100	1250	970	504	516	44,6
100	1500	1220	754	766	49,6
100	1750	1470	1004	1016	54,6
100	2000	1720	1254	1266	59,6
100	2250	1970	1504	1516	64,6
100	2500	2220	1754	1766	69,6
100	2750	2470	2004	2016	74,6
100	3000	2720	2254	2266	79,6
100	3250	2970	2504	2516	84,6
100	3500	3220	2754	2766	89,6
100	3750	3470	3004	3016	94,6
100	4000	3720	3254	3266	99,6
100	4250	3970	3504	3516	104,6
100	4500	4220	3754	3766	109,6
100	4750	4470	4004	4016	114,6
100	5000	4720	4254	4266	119,6
100	5250	4970	4504	4516	124,6
100	5500	5220	4754	4766	129,6

No.	Part	Standard execution
1	Ball chamber	Ductile cast iron EN-GJS 400-15, EN-GJS 500-7 EN 1563
2	Head	Ductile cast iron EN-GJS 400-15, EN-GJS 500-7 EN 1563
3	Threaded sleeve	Brass CW217N; EN 12165
4	Threaded flange	Ductile cast iron EN-GJS 400-15, EN-GJS 500-7 EN 1563
5	Stem Tr24x4	Stainless steel 1.4021 EN 10088-1
6	Stand pipe	Steel 1.0037/Zn5 PN-EN 10025-2
7	Spindle	Steel 1.0254, Stainless steel 1.4301 EN 10088-1
8	Pollution deflector	Rubber EPDM ISO 1629
9	Stem cap	Ductile cast iron EN-GJS 400-15, EN-GJS 500-7 EN 1563
10	Rotary flange pressure	Ductile cast iron EN-GJS 400-15, EN-GJS 500-7 EN 1563
11	Rotary flange	Ductile cast iron EN-GJS 400-15, EN-GJS 500-7 EN 1563
12	Stem ensemble	Brass CW217N; EN 12165
13	Nut Tr24x4	Brass CW217N; EN 12165
14	Locknut Tr24x4	Brass CW217N; EN 12165
15	Vulcanized valve plug	Ductile cast iron EN-GJS 400-15, EN-GJS 500-7 /EPDM; EN 1563 / ISO 1629
16	Sealing ring	Rubber EPDM ISO 1629
17	Ball	AlSi/EPDM EN 1706/ ISO 1629
18	Dehydrator	Polypropylene PP EN ISO 1873-1
19	Screw	Stainless steel EN ISO 4762
20	Washer	Stainless steel EN ISO 7091

We reserve the rights to modify the production program and the given data without separate notices due to the permanent company development

Underground hydrant

PN16

**FIRE
PREVENTION**



Product description (standard execution):

- Complete drainage after full cut - off the flow
- Kv factor > 75m³/h
- Dehydration time < 15 min.
- Water-traces < 150 ml
- Stand pipe made of galvanized steel
- Stem made of stainless steel pipe
- Stainless steel stem with rolled thread
- EPDM fully vulcanized valve plug
- Replaceable interior elements without closing the gate
- Outlet sealing implemented by pollution deflector
- Kv and dehydration time according to standard
- Initial opening <= 4 turns; full opening after 13 turns
- MOT 130 Nm
- mST 260 Nm
- Corrosion resistant internal and external parts
- Epoxy coating minimum 250 microns according to EN 14901
- Resistant against disinfectants (suggested solution NaOCl)
- Flange connection and connector according to EN 1092-2
- Connection socket with thread 6"coil/inch by GOST 7499-71
- Working pressure PN16
- Product according to EN 1074-1 and 6, GOST 8220-85, PN-EN 14339
- 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:

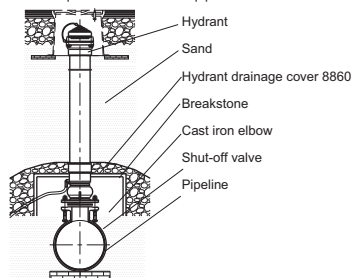
Street box for hydrant - see: 9502-PEHD-GJL
 Hydrant drainage cover - see: 8860

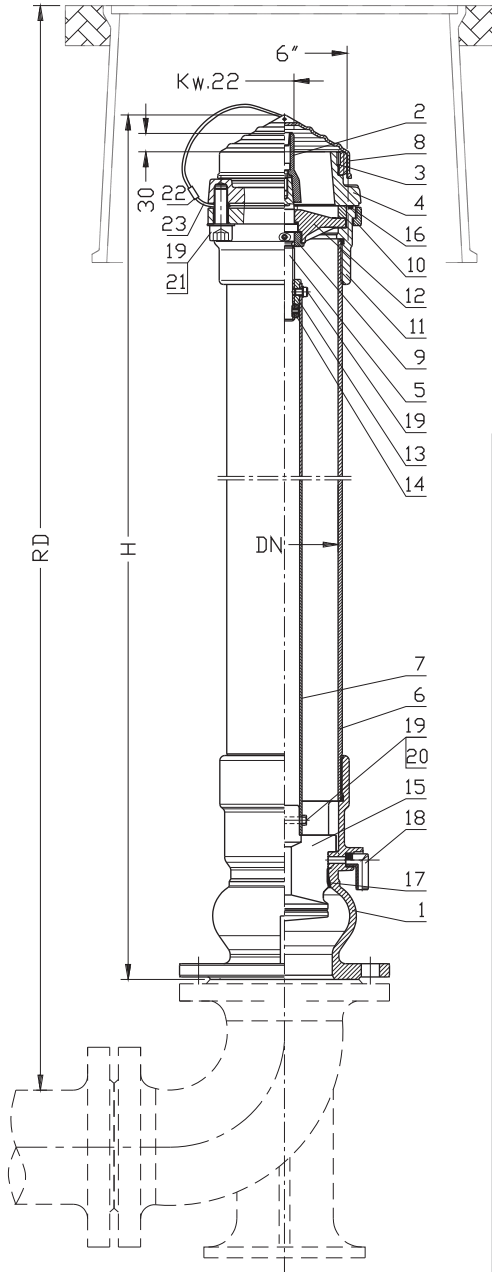
Execution variant:

Interior enamelling

Installation:

In vertical position on horizontal pipelines





DN	RD	H	Weight
100	750	500	32
100	1000	750	37
100	1250	1000	42
100	1500	1250	47
100	1750	1500	52
100	2000	1750	57
100	2250	2000	62
100	2500	2250	67
100	2750	2500	72
100	3000	2750	77
100	3250	3000	82
100	3500	3250	87
100	3750	3500	92
100	4000	3750	97
100	4250	4000	102
100	4500	4250	107
100	4750	4500	112
100	5000	4750	117
100	5250	5000	122
100	5500	5250	127

No.	Part	Standard execution
1	Ball chamber	Ductile cast iron EN-GJS 400-15 EN 1563
2	Head	Ductile cast iron EN-GJS 400-15 EN 1563
3	Threaded sleeve	Brass CW617N EN 12165
4	Threaded flange	Ductile cast iron EN-GJS 400-15 EN 1563
5	Stem Tr24x4	Stainless steel 1.4021 EN 10088-1
6	Stand pipe	Steel 1.0037/Zn5 PN-EN 10025-2
7	Spindle	Stainless steel 1.4301 EN 10088-1
8	Pollution deflector	Rubber EPDM ISO 1629
9	Stem cap	Brass CW617N EN 12165
10	Rotary flange pressure	Ductile cast iron EN-GJS 400-15 EN 1563
11	Rotary flange	Ductile cast iron EN-GJS 400-15 EN 1563
12	Stem ensemble	Brass CW617N EN 12165
13	Nut Tr24x4	Brass CW617N EN 12165
14	Locknut Tr24x4	Brass CW617N EN 12165
15	Vulcanized valve plug	Ductile cast iron EN-GJS 400-15 /EPDM; EN 1563 / ISO 1629
16	Sealing ring	Rubber EPDM ISO 1629
17	Socket	Bronze CuAl7 EN ISO 24373
18	Dehydrator	Polypropylene PP EN ISO 1873-1
19	Screw	Stainless steel EN ISO 4762
20	Nut	Stainless steel EN ISO 4032
21	Washer	Stainless steel EN ISO 7091
22	Clamp	AlMg0.7Si EN 573-3
23	String	Stainless steel Manufacturer's catalog

We reserve the rights to modify the production program and the given data without separate notices due to the permanent company development

Pillar type fire hydrant
with stainless steel stand pipe

PN16

**FIRE
PREVENTION**

VERSION

8855.2
DN80



VERSION

8855.2
DN100



Product description (standard execution):

- Complete drainage after cut - off the flow
- Kv factor > 80m³/h - (for 1x75); Kv factor > 140m³/h - (for 2x75); Kv factor > 160m³/h - (for 1x110);
- Dehydration time < 15 min.
- Water-traces < 100 ml (for DN80); < 150 ml (for DN100)
- Rotation head 0° to 360°
- 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 stainless steel pipe
- UV resistant epoxy coating minimum 250 microns according to EN 14901 GSK RAL certificate
- 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 14318
- 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:

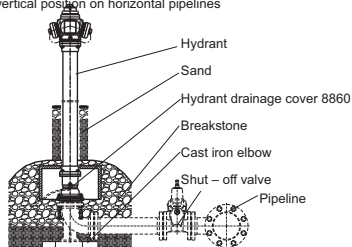
Water pressure test according to EN 1074-1; EN 1074-2; EN 12266-1
Seat: 1,1 xPN
Body: 1,5 x PN
Operation torque test

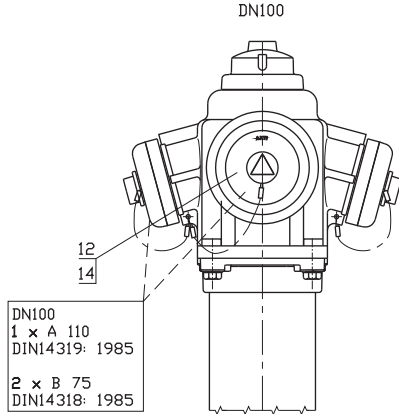
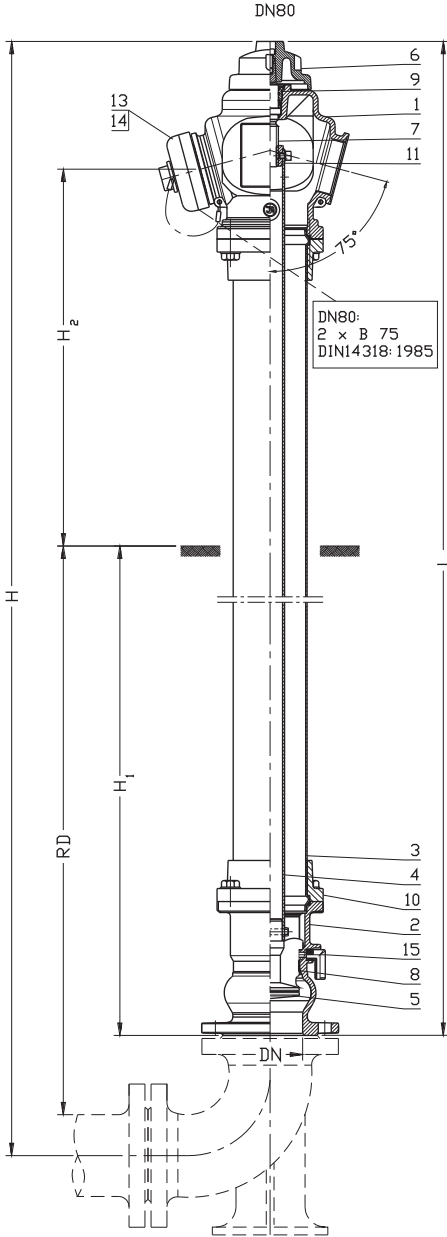
Accessories:

Hydrant drainage cover - see: 8860

Installation:

In vertical position on horizontal pipelines





DN	RD	L	H	H ₁	H ₂	Weight
[mm]						[kg]
80	1000	1640	1805	880	565	46
80	1250	1890	2055	1130	565	47
80	1500	2140	2305	1380	565	49
80	1800	2440	2605	1680	565	53
100	1000	1650	1830	880	565	60
100	1250	1900	2080	1130	565	64
100	1500	2150	2330	1380	565	68
100	1800	2450	2630	1680	565	72

No.	Part	Standard execution
1	Head	Ductile cast iron EN-GJS-400-15; EN-GJS-500-7; EN 1563
2	Bottom body	Ductile cast iron EN-GJS-400-15 / EPDM; EN 1563 / EN ISO 1629
3	Stand pipe	Stainless steel 1.4301; EN 10088-1 EN 1503-1
4	Spindle	Steel 1.0037; EN 10025-2; 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 AISI 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	Flange	Ductile cast iron EN-GJS-400-15; EN-GJS 500-7; EN 1563
11	Stem nut	Brass CW617N EN 12165
12	Outlet connector A	Aluminium AISI EN 1706
13	Outlet connector B	Aluminium AISI EN 1706
14	Outlet connector cover	Aluminium AISI EN 1706
15	Dehydrator	Polypropylene PP EN ISO 1873-1

Pillar type fire hydrant
single closing

PN16

FIRE PREVENTION



VERSION

8855.4 DN80

Product description (standard execution):

- Complete drainage after cut - off the flow
- Kv factor > 80m³/h - (for 1x75); Kv factor > 140m³/h - (for 2x75); Kv factor > 160m³/h - (for 1x110);
- Dehydration time < 15 min.
- Water-traces < 100 ml (for DN80); < 150 ml (for DN100)
- 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, resistant to scratches and surface damage
- 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 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:

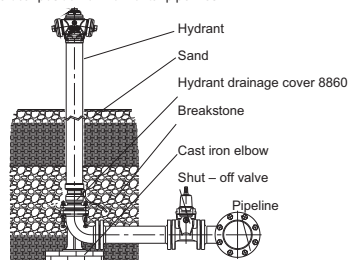
Water pressure test according to EN 1074-1; EN 1074-2; EN 12266-1
Seat: 1,1 xPN
Body: 1,5 x PN
Operation torque test

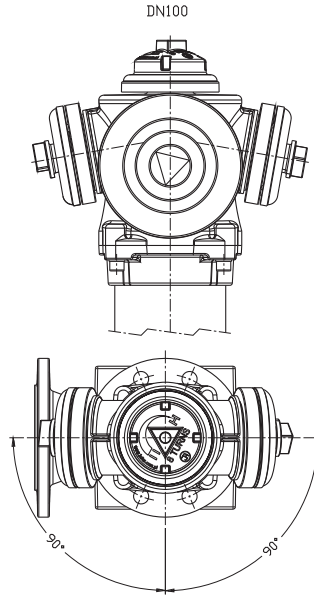
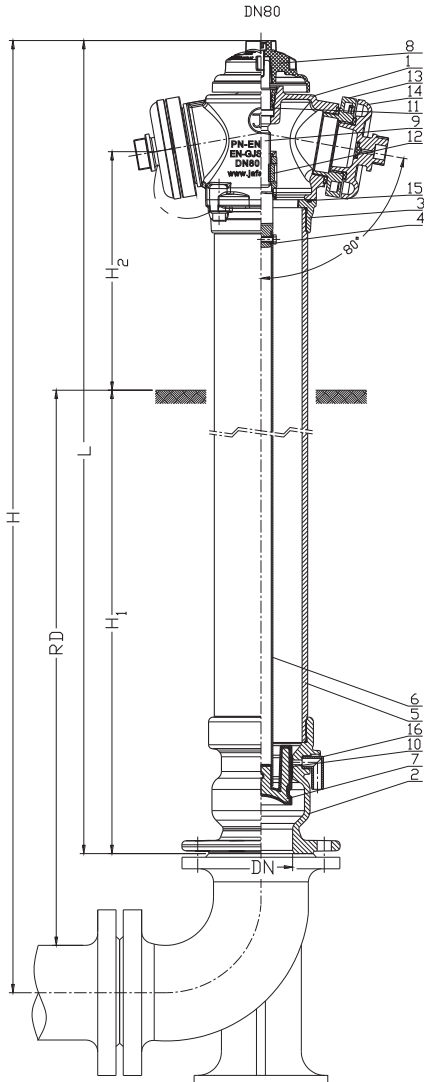
Accessories:

Hydrant drainage cover - see: 8860

Installation:

In vertical position on horizontal pipelines





DN	RD	L	H	H ₁	H ₂	Weight
[mm]						[kg]
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
100	1000	1650	1830	880	565	54
100	1250	1900	2080	1130	565	59
100	1500	2150	2330	1380	565	64
100	1800	2450	2630	1680	565	70

No.	Part	Standard execution
1	Head	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7; EN 1563
2	Ball chamber	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7; EN 1563
3	Column flange	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7; EN 1563
4	Cover nut	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7; EN 1563
5	Stand pipe	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7; EN 1563 Steel 1.0037, EN 10025-2 Stainless steel 1.4301, EN 10088-1 EN 1503-1
6	Spindle	Steel 1.0037, EN 10025-2 Stainless steel 1.4301, EN 10088-1
7	Valveplug	Ductile cast iron EN-GJS 400-15/ EPDM; EN 1563 ISO 1629
8	Cap	Aluminium AISi EN 1706
9	Stem	Stainless steel 1.4021 EN 10088-1
10	Socket	Bronze CuAl7 EN-ISO 24373
11	Gland seal	Brass CW617N EN 12165
12	Stem nut	Brass CW617N EN 12165
13	Outlet connector B	Aluminium AISi EN 1706
14	Outlet connector cover	Aluminium AISi EN 1706
15	O-ring	Rubber EPDM ISO 1629
16	Dehydrator	Polipropylene PP EN ISO 1873-1

We reserve the rights to modify the production program and the given data without separate notices due to the permanent company development

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:

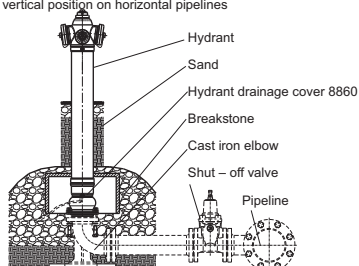
Water pressure test according to EN 1074-1; EN 1074-2; EN 12266-1
Seat: 1,1 xPN
Body: 1,5 x PN
Operation torque test

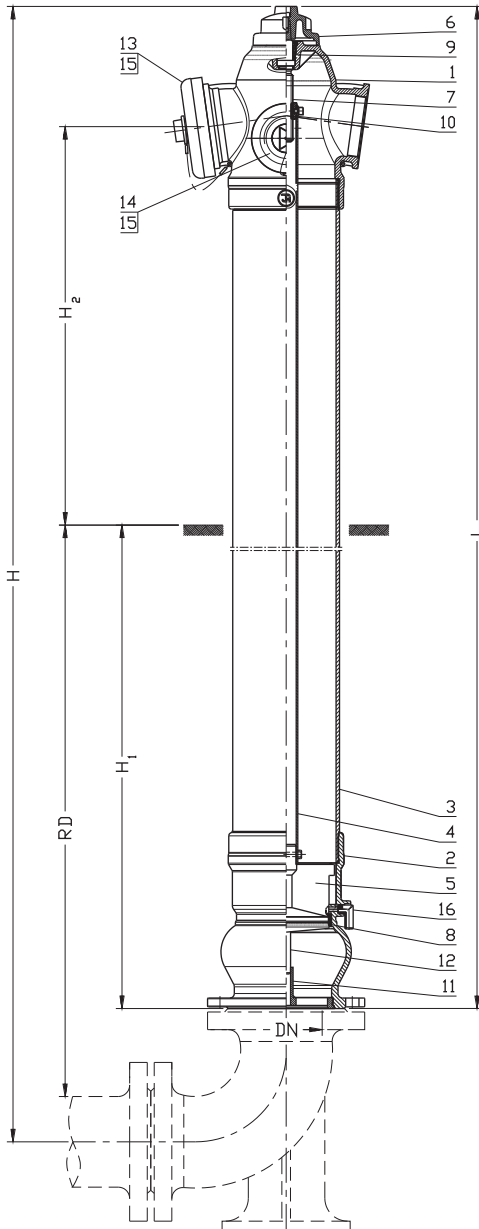
Accessories:

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 AISi 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 AISi EN 1706
14	Outlet connector B	Aluminium AISi EN 1706
15	Outlet connector cover	Aluminium AISi EN 1706
16	Dehydrator	Polipropylene PP EN ISO 1873-1

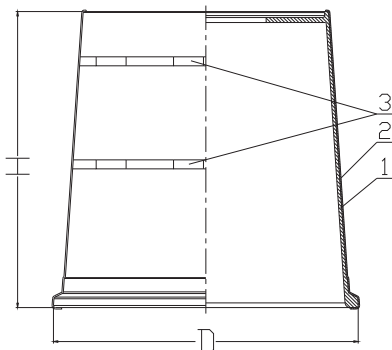
Hydrant drainage cover
**FIRE
PREVENTION**
WATER

Product description (standard execution):

- Body made of plastic
- External protection - geotextile

Application:

To prevent hydrant drainage against choking and ground outwashing around hydrant.

Assembling:


DN	H	D	Weight	Index
	[mm]		[kg]	
80	350	305	1	8860-080-PEHD
100	350	305	1	8860-080-PEHD

No.	Part	Standard execution
1	Cover body	PEHD EN ISO 17855-1
2	Geotextile	Polipropylene EN ISO 19069-1
3	Band clip	Nylon



**Service valve
outlet connector**

PN16

**FIRE
PREVENTION**



DN 50



DN 200

Product description (standard execution):

- Socket C52 according to DIN 14317
- UV resistant epoxy coating minimum 250 microns according to EN 14901
- Body and hydrant socket – aluminium cast Ak11
- Hydrant valve AISI EN 1706
- Flange connection according to EN 1092-2 (DIN 2501), pressure PN10 PN16
- Product marking according to EN 19; EN 1074

Application:

For cleaning and revision operations in water line networks, sewage systems, Suitable for various water/inert fluid lines (NBR) and potable water (EPDM). Working media temperature up to +70°C

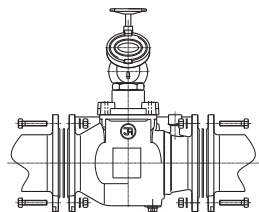
Test control:

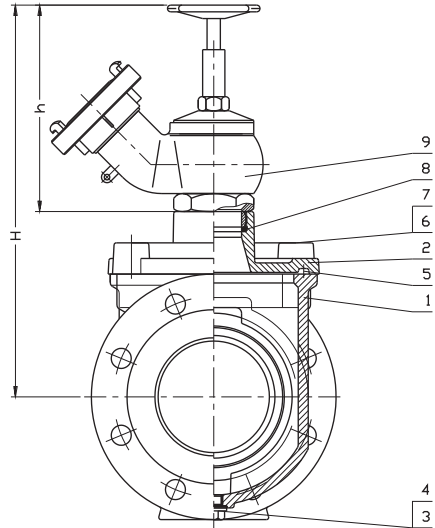
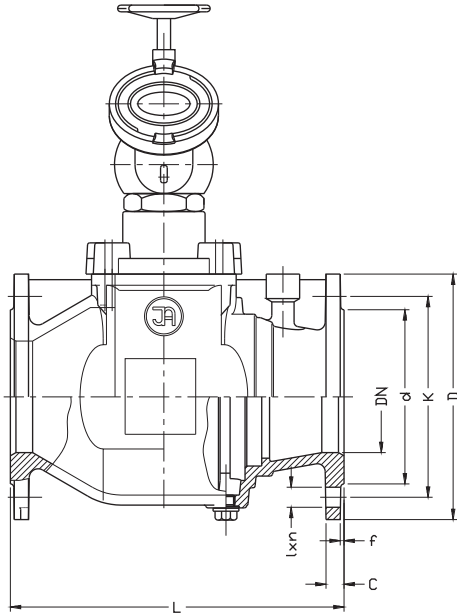
Water pressure test according to EN 1074-1; EN 1074-2; EN 12266-1
Seat: 1,1 xPN
Body: 1,5 x PN

Accessories:

Drain plug

Installation:





DN	L	D	K	d	h	H	L x n	Weight
[mm]								[kg]
50	200	165	125	102	185	307	18x4	11
80	260	200	160	138	185	329	18x8(4)	18
100	300	220	180	158	185	351	18x8	22,5
150	400	285	240	212	185	384	22x8	38,5
200	500	340	295	268	185	420	22x12(8)	57,8
250	700	405	355 (350)	320	185	390	26(22)x12	106

No.	Part	Standard execution
1	Body	Grey iron Ductile cast iron EN-GJL-250; EN 1561 EN-GJS 400-15; EN 1563
2	Bonnet	Grey iron Ductile cast iron EN-GJL-250; EN 1561 EN-GJS 400-15; EN 1563
3	Drain plug	Brass CW617N EN 12165
4	Washout hole gasket	Producer catalogue
5	Bonnet gasket	Rubber EPDM / NBR EN ISO 1629
6	Screw	Steel Fe/Zn5 Stainless steel EN ISO 4762
7	Screw stopper	Wax
8	Valve gasket	Rubber EPDM / NBR EN ISO 1629
9	Hydrant valve	AISI EN 1706 Stainless steel 1.4401 EN 10088-2

- other material variants on special request

Hydrant drainage cover
PN16
WATER
**FIRE
PREVENTION**
SEWAGE

Product description (standard execution):

- Complete drainage after cut - off the flow
- Plate valve made of stainless steel 1.4310
- 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 14901
- Resistant against disinfectants (suggested solution NaOCl)
- Flange connection and connector according to EN 1092-2 (DIN 2501) pressure PN10; PN16
- Outlet connector 1x B 75 according to DIN 14318
- 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, fire prevention systems and sewage for monitoring cleaning and up take 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 xPN
 Body: 1,5 x PN
 Operation torque test

Accessories:

Street box - see: 9502-PEHD-GJL

Installation:

In vertical position on horizontal pipelines

