

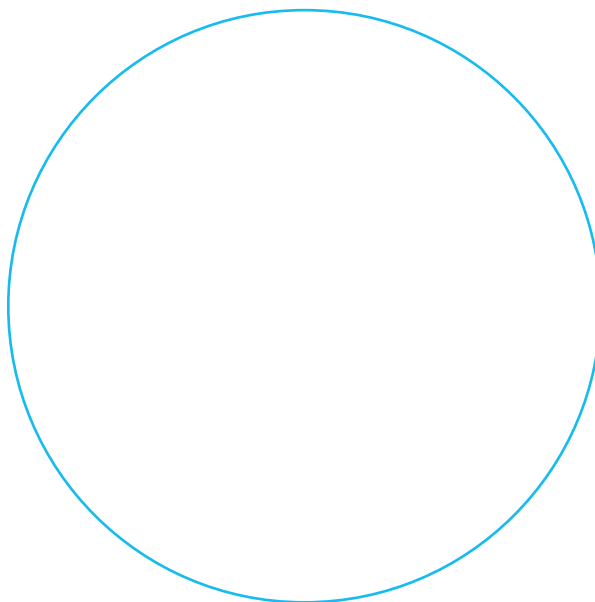
# HYDRANT NEVA

Ref : AF09



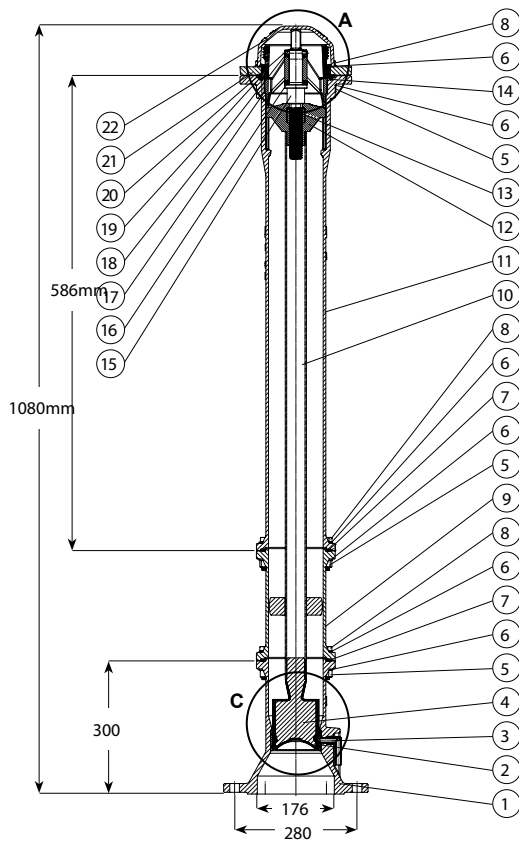
## Briefs

- Underground fire hydrant to GOST 8220-85, for water to max. 70° C, designed according to DIN/EN, Flanges with special drilling;
- Hydraulic test according to EN 1074-1 and 2 / EN 12266.
- Approved for drinking water.
- Including single shutoff, frost-proof automatic drain with the possibility to change to manual drain. Backflow-proof design with a radial seal in the valve seat.
- Inlet flange diameter is 125 mm, and the top outlet nozzle is an open special 6" threaded connection protected by a lockable hinged cap.
- Hydrant top, bottom and intermediate sections of ductile iron GJS-400-15 (GGG-40).
- Outlet nozzle, stem nut and valve seat of brass. Anti-friction washer and drain nipple of polyamide, and O-ring, wiper ring and gasket of NBR. Valve stem and stem rod of stainless steel, and valve plug of cast iron vulcanized with polyurethane.
- Epoxy coating blue RAL 5017 to DIN 30677-2
- For further details see section "Technical Information".
- The designs, materials and specifications shown are subject to change without notice due to the continuous development of our product programme.

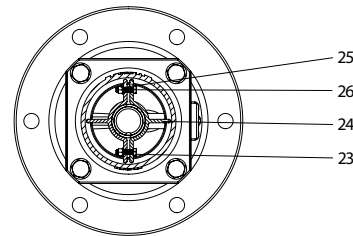




## Assembly Chart



ITEM	DESCRIPTION	ITEM	DESCRIPTION
1	Seat chamber	15	Stem
2	Seat	16	Washer
3	Drain pipe	17	Stem guide
4	Plug	18	Locking pin
5	Nut M16	19	Threaded outlet nozzle
6	Washer	20	Locking ring
7	Flat gasket	21	Top flange
8	Bolt	22	Hinged cap
9	Extension piece	23	Stem bearing
10	Stem rod	24	Bolt M6 x 25
11	Hydrant top section	25	Nut
12	Stem nut cartridge	26	Washer
13	Stem nut	27	C-clamp (2 pcs.)
14	O-ring		



### A. Hydrant outlet design

The 6" threaded outlet connection for GOST standpipe protected with a lockable hinged ductile iron cap. The top flange has two integrated safety hooks to secure the stem from blowing out if unauthorized personnel dismantle the hydrant top part under pressure. The stem bearing with polyamid antifriction washer gives easy and smooth operation. A loose stem nut gives maximum flexibility of plug at closure.

### C. Hydrant seat design

The shutoff plug is vulcanized with simrithane for maximum memory effect. It seals radially in a cylindric brass seat for easy operation and tight shutoff.

The automatic drain system secures total emptying of the hydrant after use. When opening the hydrant, the plug closes the drain hole before the main valve opens thus preventing the underground from being flushed away.

