ELANCIO Non-reversible fire hydrant DN80 - Symmetrical fittings



Elancio DN80 Non-Reversible Fire Pole - Straight Box or Angled Box Versions

Product summary:
Elancio DN80 non-reversible fire hydrant, robust and compliant with NF and CE standards. Available in several configurations: straight or angled box, with DN40 or DN65 sockets. The Elancio range combines design, safety and durability. Distributed by MMF Protection et Sécurité.

Elancio fire hydrants: safety and urban integration

Elancio fire hydrants are designed to combine technical performance and aesthetics. Their modern, rounded design allows them to blend into any urban environment, while remaining perfectly visible and accessible to **firefighters**. With their smooth shafts and ergonomic boxes, these posts are as much safety features as they are street furniture.

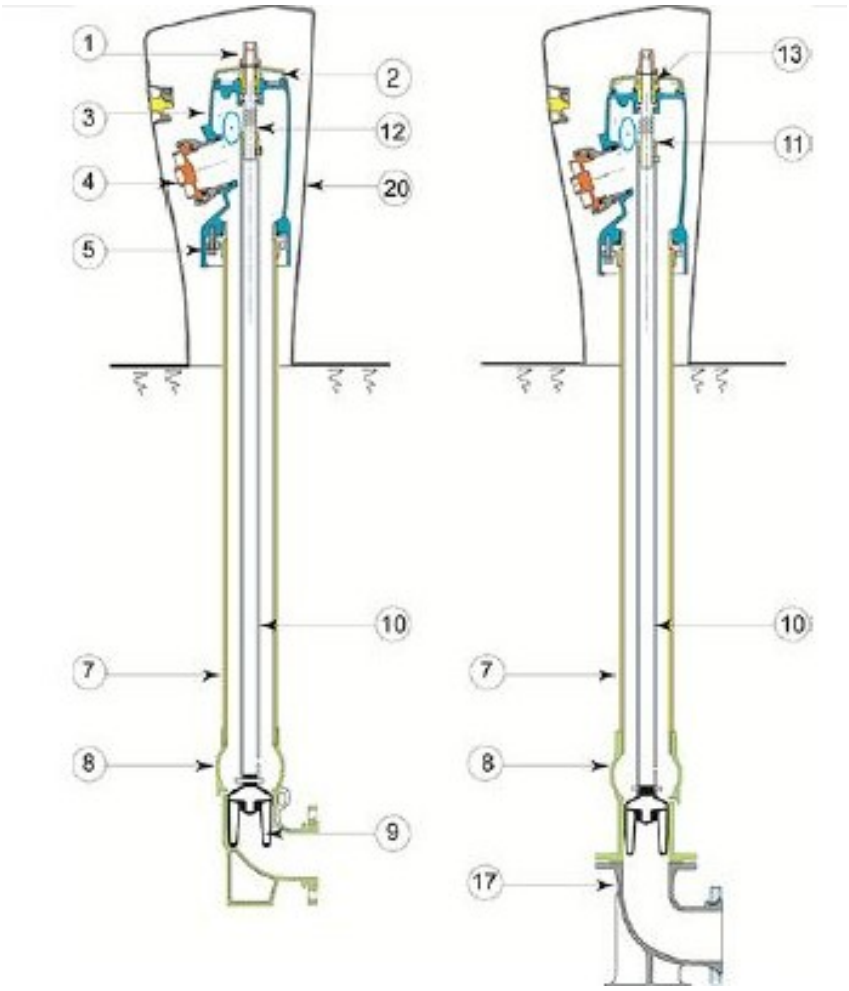
DN80 fire hydrant: several versions available

The **Elancio DN80 fire hydrant** is available in different configurations to suit the needs of local authorities and fire networks:

- **Straight** or **angledbox**, depending on installation configuration.
- Outlets available in **DN40** and **DN65** with standardized symmetrical connections.

Elancio DN80 fire hydrant materials and coatings

Every component of the pole is made from robust materials, with coatings to ensure maximum longevity.



Item	Designation	Material	Coating
1	Operating square	Ductile iron EN GJS 400-15 or 500-7 EN1563	Zinc-plated
2	Marking cover	Polyamide P A 6	Red polyurethane paint
3	Socket bodies	Ductile iron EN GJS 400-15 or 500-7 EN1563	Epoxy powder primer + red polyurethane
4	Symmetrical fitting Plug	Aluminum type AS7G	Red polyurethane
5	Fixing screw CHC	Steel type CL 8/8	Zinc-plated
6	Adjustment module	Cast iron GS	Bituminous varnish
7	Extension pipe	Ductile cast iron EN GJS 400-15 or 500-7 EN1563	Blue epoxy powder, 250 micron thick
8	Straight or angled valve box	Ductile cast iron EN GJS 400-15 or 500-7 EN1563	Blue powder epoxy 250 microns thick
9	Plug	Ductile cast iron NF EN 1563	EPDM overmolding
10	Operating tube	Steel type Tu 56-8 NF EN 10240	Galvanized

11	Operating nut	Brass type Cu Zn 40 NF EN 12420	-
12	Operating screw	Steel type X 20 Cr 13 NF EN 10088-3	-
13	Screwed bearing	Brass type Cu Zn 39 Pb 2 NF EN 12420	-
14	Lower shaft	Cast iron GS	Epoxy powder primer + red polyurethane

Technical performance

- Resistant to over 1,000 opening/closing cycles.
- Operating pressure up to 25 bar.
- Reduced operating torque 80 Nm for rapid intervention.
- Integrated automatic drain to prevent freezing.
- Head can be rotated 360° after installation, without additional earthwork.

DN80 fire hydrant applications

This **DN80 fire hydrant** is perfectly suited to municipal fire networks, industrial zones, sensitive sites and any installation requiring fast, reliable access to water for emergency services.

Distribution MMF Protection et Sécurité

MMF Protection et Sécurité distributes the complete range of **Elancio fire hydrants**, with spare parts available, installation advice and technical support to guarantee optimum safety.