



## FLOOR HYDRANT EUROPA

### Product description

- Floor hydrant EUROPA for drinking water and neutral liquids
- Service temperature from 0°C (excluding frost) to 70°C

### Standards

- Floor hydrant valve designed according to EN 1074 part 1 & 2
- Flange drilling to EN 1092-2 PN10/16

### Tests

All floor hydrants are individually hydrostatically tested according to EN 1074-1/2

- Seal 1.1 x PN (in bar); Body: 1.5 x PN (in bar)

### Corrosion protection

Floor hydrant

- Epoxy powder coating RAL 5005 (blue)
- Applied internal and external with a minimum coating thickness of 250 µm
- Potable water approved epoxy coating fusion bonded according DIN 3476-1, EN 14901-1 and approved

Protective box and bonnet

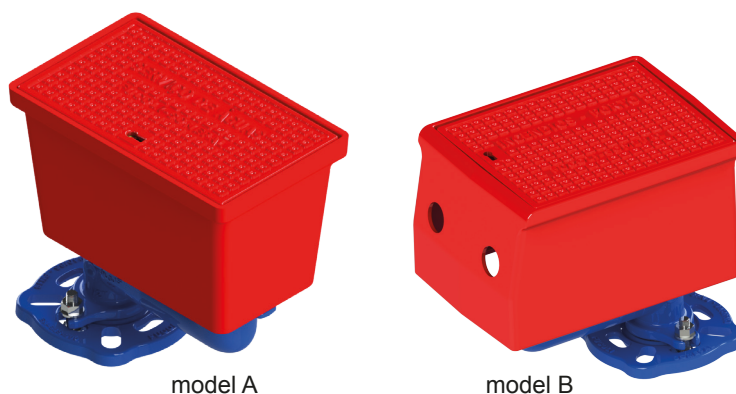
- Red-colored protective box and cover coating RAL 3000
- Interior and exterior coating of the box and cover in polyester UV-resistant, with a minimum coating thickness of 250 µm

### Approvals

- GSK Epoxy Coating Certificate GSK-ID:1247 (RAL-GZ 662)

### Features

- Floor hydrant with soft sealing gate valve incorporated, for installation on sidewalks or gardens, to supply water for irrigation or cleaning
- Full bore and handling made through soft sealing gate valve
- Available in a variety of outlets for connecting hose types storz 52 (C), Barcelona type (UNE 23400), threaded, or other
- Equipped with handwheel for easy manoeuvre
- Connecting to the pipeline with universal flange DN 40/50/60/65 or BSP G 1 ½" female thread
- Brass stem washer provides stress fixation and low operating torque
- Stainless steel stem with rolled threads produced by cold rolling process, which keeps the steel structure and increase its mechanical resistance
- Stem sealing with POM bearing with 4 O-rings and a bottom joint in EPDM
- Brass wedge fully vulcanized with drinking water approved EPDM
- Round EPDM bonnet gasket fixed in a recess ensuring a perfect seal
- Body/bonnet bolts in stainless steel A2 encased and sealed ensuring full corrosion protection
- Protective box with cover and lock for restricted access to authorized services
- Protective box available in two different models, one for installation in the sidewalks (model A) and the other on the kerb of the sidewalk (model B)
- Protective box that is underground and has the access cover at the ground's surface
- On request possibility of AISI 316L stainless steel spindle, NBR sealings, and other types of outlets for hose coupling are possible
- Cover and protective box available in other colours, customization on the protective box's cover with inscriptions and logo in high relief with minimal quantities.



model A

model B



RAL GÜTEZEICHEN  
SCHWEISS- und KLEBVERBÄNDE  
VON ANHÄNGERN UND FÜRSTÜCKEN



100% MADE IN EUROPE



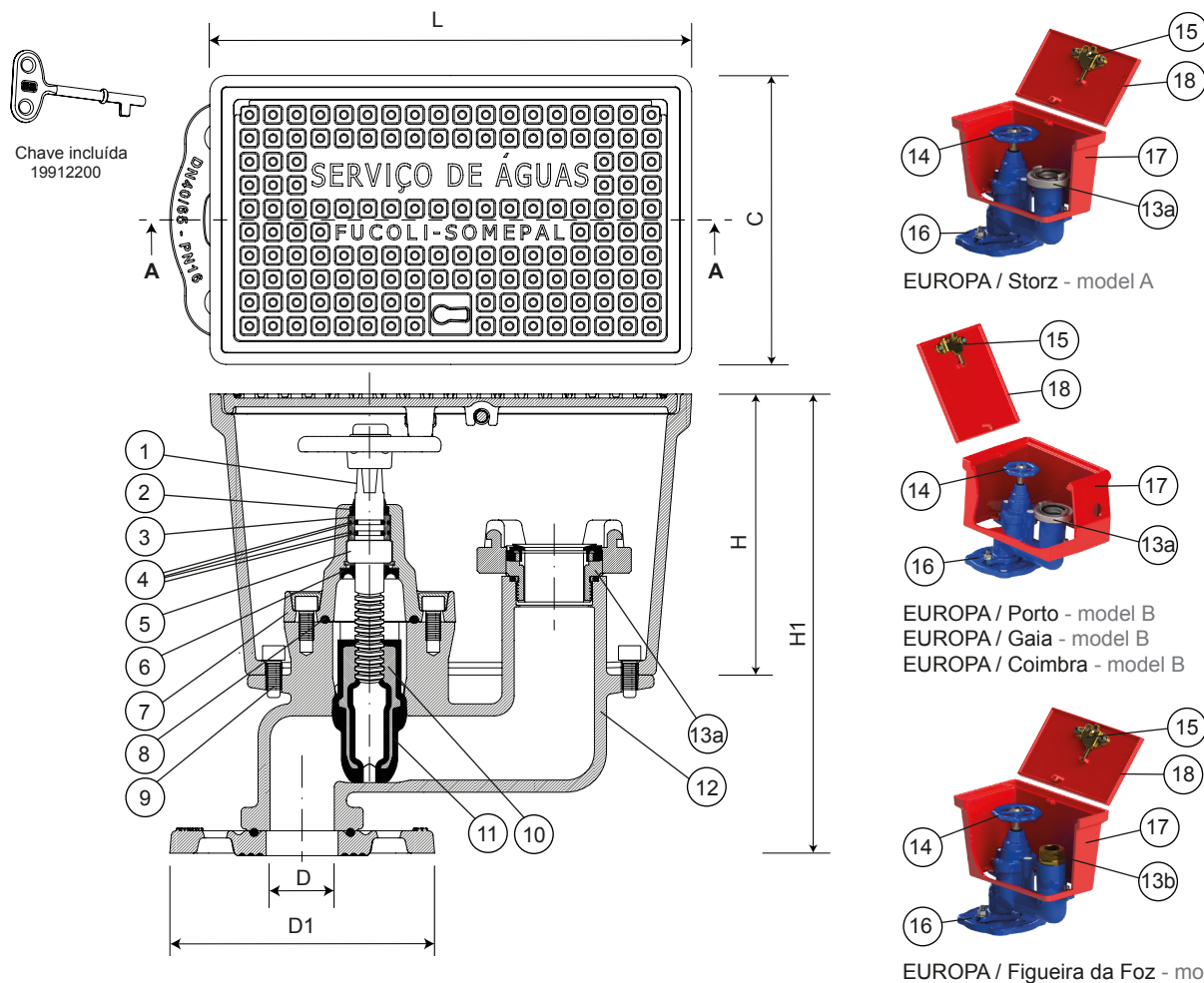
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# FLOOR HYDRANT EUROPA



## Component list

pos	components	material	standard
1	Stem	Stainless steel AISI 420	EN 10088-1
2	Clearing joint	Elastomer	-
3	Bearing	POM	-
4	O-rings	Elastomer EPDM	EN 681-1
5	Stem washer	Brass	EN 12164
6	Inferior joint	Elastomer EPDM	EN 681-1
7	Bonnet	Ductile iron EN-GJS-500-7	EN 1563
8	Bonnet gasket	Elastomer EPDM	EN 681-1
9	Bolts	Stainless steel A2	EN 10088-1
10	Wedge	Brass	EN 12164

pos	components	material	standard
11	Wedge covering	Elastomer EPDM	EN 681-1
12	Body	Ductile iron EN-GJS-500-7	EN 1563
13a	Storz	Aluminium AISI 12	EN 1706
13b	Thread	Brass	EN 12164
14	Handwheel	Ductile iron EN-GJS-500-7	EN 1563
15	Lock	Brass	EN 1982
16	Flange	Ductile iron EN-GJS-500-7	EN 1563
17	Protective box	Ductile iron EN-GJS-500-7	EN 1563
18	Cover	Ductile iron EN-GJS-500-7	EN 1563

## Reference and dimensions

model	designation	code	DN	Inlet D (BSP)	Outlet type	D1 mm	H mm	H1 mm	L mm	C mm	turns to open	Kg approx.
A	EUROPA / Storz	19912090	40/50/60/65	G 1 1/2"	Storz 52	185	175	292	300	182	10	18
B	EUROPA / Porto	19912096APO	40/50/60/65	G 1 1/2"	Storz 52	185	177	294	309	230	10	20
B	EUROPA / Gaia	19912096AGG	40/50/60/65	G 1 1/2"	Storz 52	185	177	294	309	230	10	20
B	EUROPA / Coimbra	19912096ABR	40/50/60/65	G 1 1/2"	Storz 52	185	177	294	309	230	10	20
A	EUROPA / Figueira da Foz	19912094	40/50/60/65	G 1 1/2"	W 2 1/8"	185	175	292	300	182	10	18
-	Key for floor hydrant EUROPA	19912200	40/50/60/65	-	-	-	-	-	-	-	-	0.1