

## RIGID TYPE "OMERO"



**MOD. 6102** | **PN 16** | **DN 80/100**

Ductile iron hydrant above ground with No.2 outlets.



**MOD. 6103** | **PN 16** | **DN 80/100**

Ductile iron hydrant above ground with No.3 outlets.

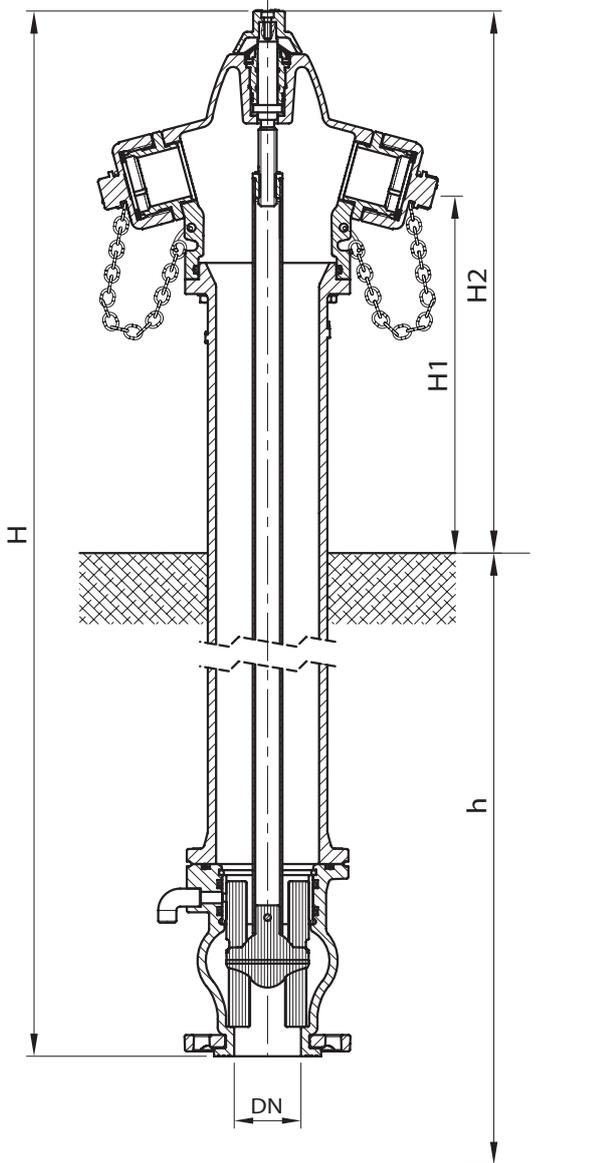
### SPECIAL FEATURES

- According to the requirements of EN 14384 type A and EN 1074-6.
- Generously oversized column for high water capacity.
- Plug fully rubber vulcanised with special O-ring profile for lateral soft sealing without high compression of any rubber.
- Hydrant head, column and base high quality epoxy powder coated (fusion bonded), UV resistant.
- Multiple O-ring spindle sealing system embedded in non-corrosive material to DIN 3547-1.
- Stainless steel spindle (single forged round bar with rolled threading).
- Gliding disc on the spindle neck to reduce friction when operating the spindle.
- Sealing seat from stainless steel cylinder replaceable deeply corrosion and lamination resistant.
- Automatic drainage system at closed position of the plug.
- Routable flange at hydrant inlet for easy positioning.
- Marking according to EN 19.
- Outlet couplings (hose connections) and operating caps according to various standards possible, according to the following combinations  $2 \times 2' 1/2''$ ;  $2 \times 2' 1/2'' + 1 \times 4''$
- Possibility for mounting customized indicator plate (name, logo, etc.).
- Suitable complete with 90° duckfoot bend.
- CE CPR305/2011
- Available protection helmet (MOD. 6200 pag. 6.5) realized in ABS resin, designed to cover the hydrant complete with outlets and covers.



CE

*All metal, rubber, and coatings used have been designed for contact with water for human consumption, pursuant to the terms of Italian Health Ministry decree n° 174, dated 6/4/2004.*



**MATERIALS**

**Head, column, basement and flanged connection:**  
 Ductile iron EN-GJS-400-15 / EN 1563  
 (former to DIN GGG40)

**Spindle:**  
 Stainless steel 1.4021/EN ISO 10088  
 (equivalent to UNI X20Cr13 or AISI420)

**Plug:**  
 Ductile iron EN-GJS-400-15 / EN 1563 fully EPDM  
 rubber vulcanised, potable water approved

**Bush and pipe nut:**  
 Brass CuZn40Pb2

**Operating pipe:**  
 Steel C40 galvanized (on request stainless steel  
 1.4301 / EN ISO10088 - AISI304)

**Friction disc:**  
 POM resin

**O-Rings and gaskets:**  
 EPDM rubber, potable water approved

**Operating cap, nipples and plugs:**  
 Aluminium (brass on request)

**Chains:**  
 Stainless steel 1.4301/EN ISO 10088 (AISI304)

**Bolts/nuts/washers:**  
 Stainless steel A2-70 / EN ISO 3506

**OPERATION**

Manual action by pentagonal key as standard

DN	h	H	H1	H2	Weight (kg)
80	1000	1541	450	650	79
100	1000	1541	450	650	85
80 "MINI"	-	940	450	650	59
100 "MINI"	-	940	450	650	65

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## PROTECTION HELMET

MOD. 6200

DN 80/100

Protection helmet for column/breakaway hydrant.

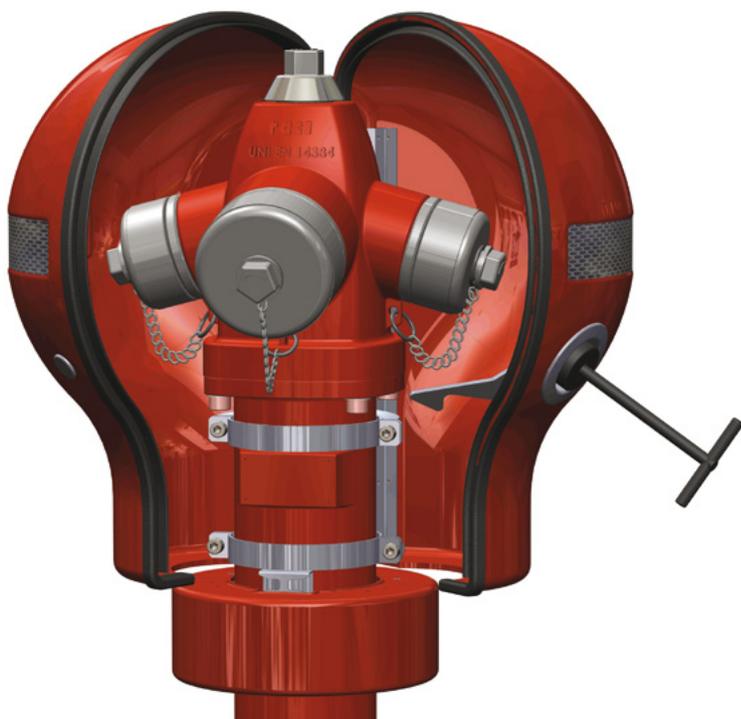


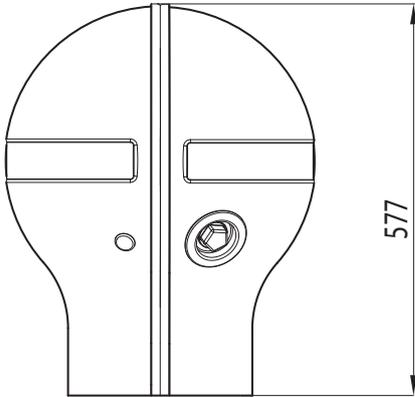
MOD. 6201

Unlocking key.

## SPECIAL FEATURES

- The protection helmet is designed to cover the hydrant complete with outlets and covers.
- Practical, modern and original design, complete with reflector tape homologated ONU/ECE104.
- It is realized in ABS resin (red colour RAL3000) with high resistance to weathering and to mechanical stress.
- Half-shells realized in ABS complete with plastic centering profile.
- Locking device with pentagonal key according to UNI 9485 with spring return (on demand, the key can be customized).
- Galvanized bracket with stainless steel A2 fixing bolts ISO 7380.
- Cover for breakaway connection in ABS complete with stainless steel A2 fixing screws.
- It can be mounted on hydrants on site.
- On demand, it can be fitted to different models of hydrants.





**MATERIALS**

**Half shells and cover for breakaway flanges:**  
ABS resin

**Hinges:**  
Stainless steel 1.4301 / EN ISO 10088  
(equivalent to AISI 304)

**Anchoring bracket:**  
Galvanised steel

**Locking device:**  
Aluminium

**Connecting screws:**  
Stainless steel A2-70 EN ISO 3506

