

# DUCTILE IRON AUTOMATIC TYPE

MOD. 5101

PN 16

DN 1"

MOD. 5102

PN 25

DN 1"



Threaded connection, stainless steel fasteners.

## SPECIAL FEATURES

- Single orifice type, fully automatic single function for releasing air under pressure.
- Performance according to the requirements of EN 1074.
- Body and cover high quality polyamide (Rilsan - PA11) powder coated (fusion bonded), coating thickness DFT min. 250 micron, zero porosity (tested with 3000V), high impact resistance and cross-linkage according to DIN 30677-2 and DIN 3476.
- Float from non-corrosive material, fully rubber lined.
- Special basket to keep float in optimal position during operation.
- Threading according to EN ISO 10226.
- Minimum operating pressure for watertight: 0,5 bar.

» **PERFORMANCES:**  
**FUNCTIONAL DIAGRAMS AT PAGE 5.11**

## MATERIALS

### Body and cover:

Ductile iron EN-GJS-400-15 / EN 1563  
(former to DIN GGG40)

### Float:

Polyamide, fully EPDM rubber lined - PN 10/16  
Stainless steel 1.4301/ EN ISO10088  
(equivalent to AISI304), fully rubber lined - PN 25

### Basket:

ABS

### Orifice:

Brass CuZn40Pb2

### O-Rings:

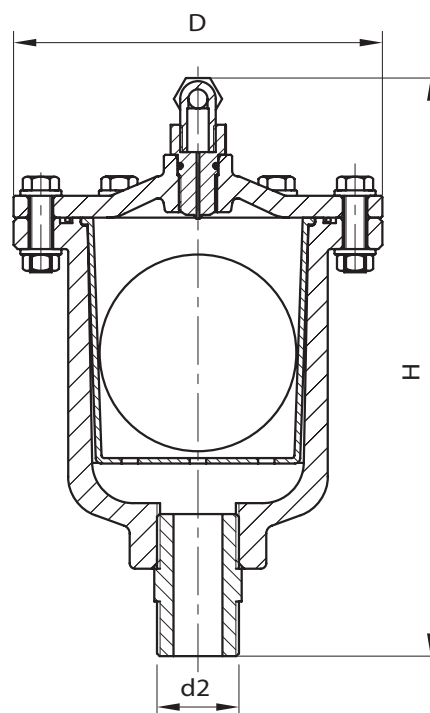
EPDM rubber, potable water approved

### Bolts/nuts/washers:

Stainless steel A2-70 / EN ISO 3506

### Nipple:

Galvanised malleable iron  
(stainless steel on request)



d2	PFA	D	H	Weight (kg)
1"	0,5-16/25	135	213	4,2

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.

