

COMBINATION TYPE FROM  
DUCTILE IRON AND PA

|           |       |           |
|-----------|-------|-----------|
| MOD. 5371 | PN 16 | DN 50-250 |
| MOD. 5372 | PN 25 | DN 50-250 |

Flanged connection, stainless steel fasteners.

|           |       |           |
|-----------|-------|-----------|
| MOD. 5381 | PN 16 | DN 50-250 |
| MOD. 5382 | PN 25 | DN 50-250 |

Flanged connection, galvanized steel fasteners.



## SPECIAL FEATURES

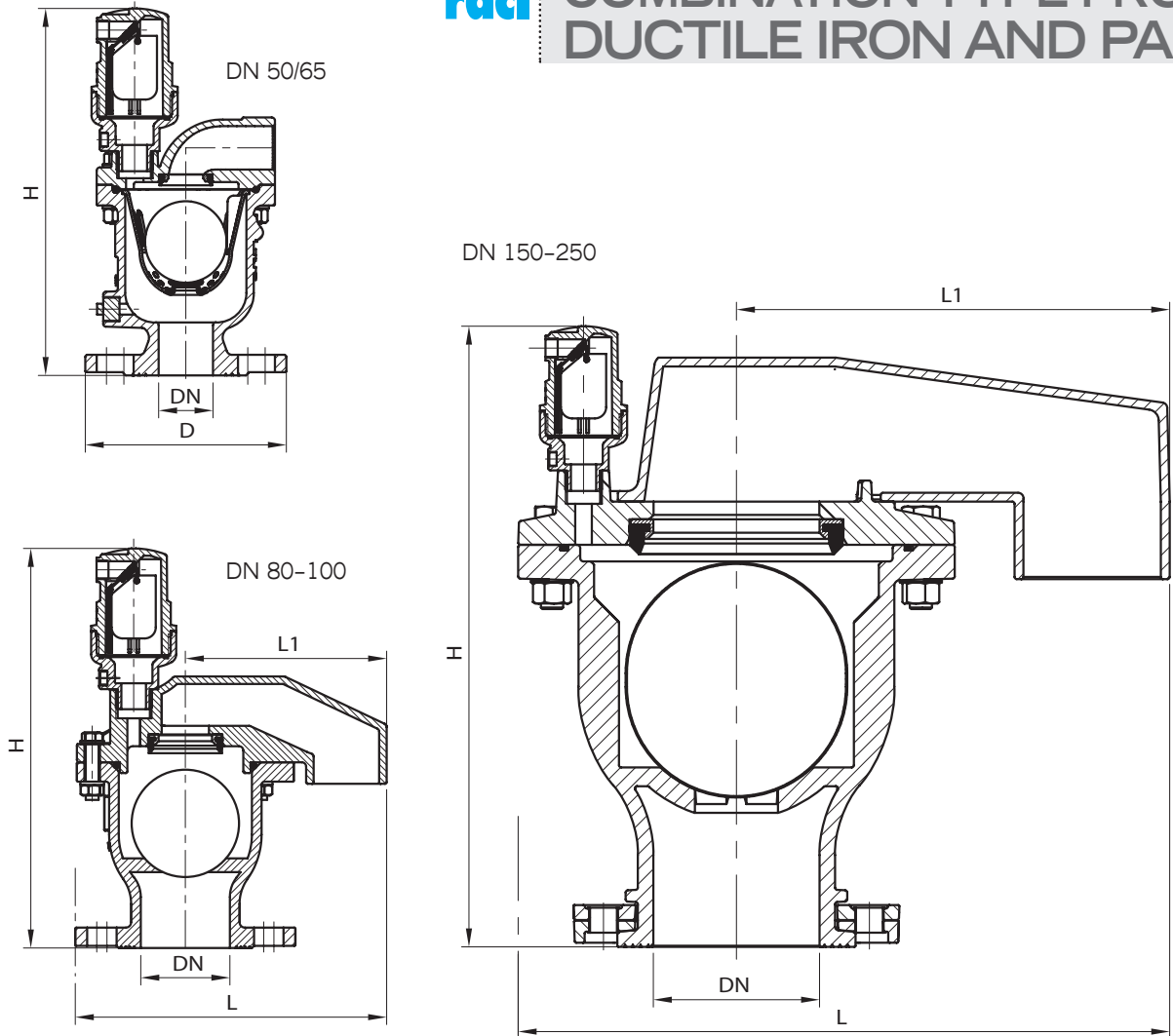
- Double orifice type, fully automatic triple function for releasing air during filling the pipe and bringing air in (anti-vacuum) during emptying the pipe, releasing air under pressure.
- Kinetic function carried out by ductile iron unit, air releasing under pressure executed by PA unit.
- Performances 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.
- Floats from non-corrosive material.
- Body provided with threaded drilling for discharging ball valve connection (available on request).
- Flanged connection with multi-size universal drilling to reduce stock variances (DN 50-65 PN 16-25; DN 80 PN 16-25 and DN 100 PN 16-25).
- From DN150 slip-on flange version: versatility and changing orientation on field option.
- Inner basket (from DN80) or special guides into body casting (from DN150) to keep float in optimal position during operation.
- Minimum operating pressure for watertight: 0,5 bar.

» **PERFORMANCES:**  
**FUNCTIONAL DIAGRAM**  
**AT PAGE 5.12**  
**AND AT PAG. 5.14**



*I materiali costituenti la valvola, i metalli, le gomme e i rivestimenti sono stati selezionati con particolare attenzione agli aspetti igienico-sanitari. Prove di cessione e composizione presso laboratori indipendenti ne hanno attestato la conformità ai requisiti di legge per i prodotti a contatto con acqua potabile - D.M.174:2004.*

# COMBINATION TYPE FROM DUCTILE IRON AND PA



## MATERIALS

### Body and cover:

Kinetic unit - Ductile iron EN-GJS-400-15 / EN 1563 (former to DIN GGG40)  
Air release unit - Polyamide PA fibre glass reinforced

### Float:

Kinetic unit - UP to DN80: polyamide, fully NBR rubber lined - PN10/16 or stainless steel 1.4301/EN ISO10088 (correspondent to AISI304), fully rubber lined - PN 25  
From DN100: stainless steel 1.4301/ EN ISO10088 (correspondent to AISI304)  
Air release unit - Polypropylene foam

### Seat:

Brass CuZn40Pb2

### Seat sealing:

Outlined NBR rubber, potable water approved

### Basket:

ABS

### O-Rings:

NBR rubber, potable water approved

### Gasket air release unit:

Silicone, potable water approved

### Bolts/nuts/washers:

Galvanized steel class 8.8 to EN ISO 898-1 or stainless steel A2-70 / EN ISO 3506.  
Stainless steel A4-70 on request

### Plug:

Galvanised malleable iron, or stainless steel A2-70 / EN ISO 3506 on request

| DN    | PFA       | H   | H1  | L   | L1  | Weight (kg) |
|-------|-----------|-----|-----|-----|-----|-------------|
| 50/65 | 0,5-16/25 | 330 | 240 | 207 | -   | 13,7        |
| 80    | 0,5-16/25 | 365 | 253 | 302 | 188 | 19,6        |
| 100   | 0,5-16/25 | 390 | 286 | 350 | 220 | 29,5        |
| 150   | 0,5-16/25 | 550 | 532 | 597 | 391 | 95,1        |
| 200   | 0,5-16/25 | 550 | 532 | 597 | 391 | 101,1       |
| 250   | 0,5-16/25 | 650 | 623 | 626 | 391 | 147,1       |

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.

