

# VALVOLE DI RITEGNO

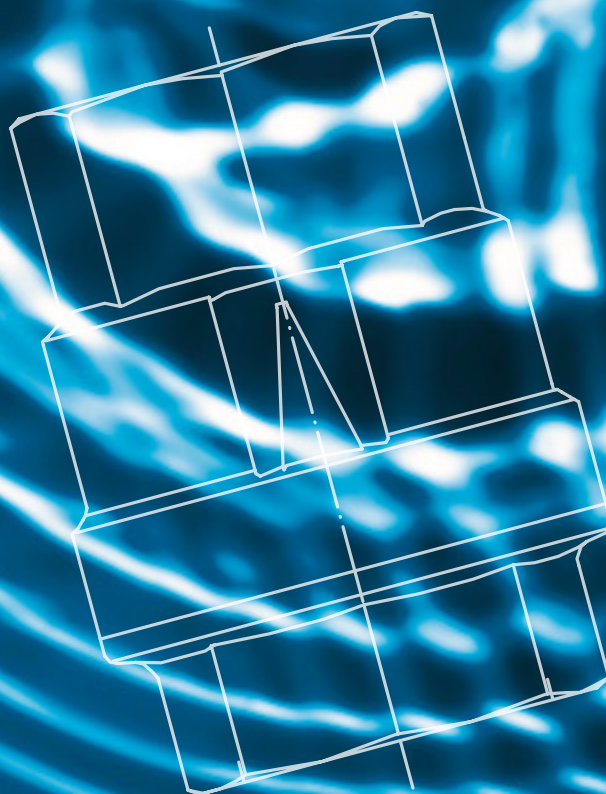
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# CHECK VALVES

Valvola di ritegno

*Check valve*

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# VALSTOP EUROSTOP

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VALVOLA DI RITEGNO A PASSAGGIO TOTALE  
*FULL BORE CHECK VALVE*

VALVOLA A CLAPET  
*CLAPET VALVE*



eurofins  
ACS

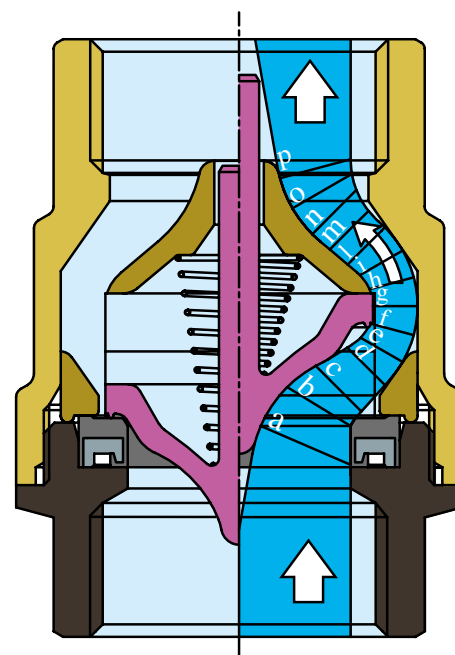


# VALSTOP - EUROSTOP

Valvola di ritegno  
Check valve

La valvola di ritegno VALSTOP è stata progettata per garantire la massima portata ed un funzionamento silenzioso.

*VALSTOP check valve has been designed in order to guarantee the maximum flow rate and a silent working.*



CHIUSO  
CLOSED



APERTO  
OPEN

## NOTE

In accordo alla UNI EN 13828 in presenza di acque aggressive per la lega di ottone, in ottemperanza alla UNI EN ISO 6509, è necessario l'utilizzo della lega di ottone antidezincificante. La produzione è disponibile su richiesta.

## NOTE

*According to UNI EN 13828 in presence of water which could be aggressive for brass alloy, as agree with UNI EN ISO 6509 standard, is necessary the DZR brass alloy. The manufacture is available on request.*

## SPECIFICA MATERIALI / MATERIAL SPECIFICATION

| PARTICOLARI / COMPONENT                                  | MATERIALI / MATERIAL                                                               | DESCRIZIONE / DESCRIPTION                               |
|----------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------|
| 1 <b>CORPO</b><br><b>BODY</b>                            | CW 617 N UNI EN 12165<br>CW 617 N UNI EN 12165                                     | STAMPATO DA BARRA<br>FORGED                             |
| 2 <b>MANICOTTO</b><br><b>END ADAPTER</b>                 | CW 617 N UNI EN 12165<br>CW 617 N UNI EN 12165                                     | STAMPATO DA BARRA<br>FORGED                             |
| 3 <b>GUARNIZIONE PER RITEGNO</b><br><b>JUMPER GASKET</b> | NBR (art. H0151 - H0153, H0161 - H0163)<br>NBR (art. H0151 - H0153, H0161 - H0163) | STAMPATA<br>MOLDED                                      |
| <b>GUARNIZIONE PER RITEGNO</b><br><b>JUMPER GASKET</b>   | FLUOROELASTOMERO (ART. H0141)<br>FLUOROELASTOMERO (ART. H0141)                     | ADATTO ALL'USO PER ACQUA<br>SUITABLE FOR USE WITH WATER |
| 4 <b>OTTURATORE</b><br><b>JUMPER</b>                     | RESINA POLIMERICA<br>POLYMERIC RESIN                                               | STAMPATO<br>MOLDED                                      |
| 5 <b>GUIDA OTTURATORE</b><br><b>JUMPER GUIDE</b>         | RESINA POLIMERICA<br>POLYMERIC RESIN                                               | STAMPATO<br>MOLDED                                      |
| 6 <b>MOLLA</b><br><b>SPRING</b>                          | ACCIAIO INOX AISI 302<br>STAINLESS STEEL AISI 302                                  | NORMALIZZATO<br>NORMALIZED                              |

## VALVOLE DI RITEGNO VALSTOP - EUROSTOP

Tutti i dati tecnici riguardanti le valvole di ritegno **VALSTOP** (serie pesante) sono validi anche per le valvole di ritegno **EUROSTOP** (serie standard), ad eccezione del diagramma pressione/temperatura riferito a **VALSTOP**.

### FILETTATURE

Estremità filettate ISO 228/1.

### IMPIEGHI (per VALSTOP art. H0151 - H0153)

Per qualsiasi tipo di impianto idraulico, di riscaldamento e pneumatico. Con acqua calda e fredda, aria compressa, olii. Per fluidi non aggressivi compatibili con i componenti della valvola, vedere la tabella delle resistenze chimiche.

### IMPIEGHI (per VALSTOP art. H0141)

Con la guarnizione in fluoroelastomero (art. H0141) **VALSTOP** è adatta anche per idrocarburi in genere non alogenati (Benzine, Kerosene etc.).

### INSTALLAZIONE

Può essere installata in qualsiasi posizione (orizzontale, verticale, obliqua).

### PRESSIONE DI ESERCIZIO

Min 0,05 bar con acqua. Max PN 40 (1/4") fino a PN 10 (3"). Vedere diagramma pressione temperatura.

### PRESSIONE MINIMA DI APERTURA

Min. 0,025 bar (25 cm. di colonna d'acqua).

### PRESSIONE MINIMA DI TENUTA

Min. 0,05 bar (50 cm. di colonna d'acqua).

### LIMITI DI TEMPERATURA

art. H0141 con guarnizione in fluoroelastomero

Da -15°C a +130°C.

art. H0151/H0161 con guarnizione in NBR

Da -20°C a +100°C.

Vedere diagramma pressione temperatura.

## VALSTOP-EUROSTOP CHECK VALVES

All technical data about **VALSTOP** check valves (heavy line) are valid for **EUROSTOP** check valves (standard line) too, except for the pressure/temperature diagram concerning the **VALSTOP** series.

### END CONNECTIONS

Ends are ISO 228/1 threaded.

### USES (for VALSTOP items H0151- H0153)

For any type of hydraulic, heating or pneumatic system. For hot and cold water, compressed air, oils. For non-aggressive fluids compatible with the components of the valve, see the table of chemical resistance.

### USES (for VALSTOP item H0141)

Thanks to its fluoroelastomer gasket (item H0141) **VALSTOP** is also suitable for applications with non-halogenated hydrocarbons in general (fuels, kerosene etc.).

### INSTALLATION

This valve can be installed in any position (horizontal, vertical, oblique).

### WORKING PRESSURE

Min 0,05 bar with water. Max from PN 40 (1/4") up to PN 10 (3"). See pressure/temperature diagram.

### MINIMUM OPENING PRESSURE

Min 0,025 bar (25 cm water column).

### MINIMUM TIGHTNESS PRESSURE

Min 0,05 bar (50 cm water column).

### TEMPERATURE LIMITS

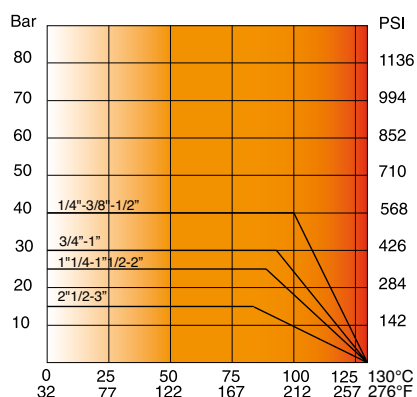
art. H0141 with fluoroelastomer gasket

From -15°C to +130°C.

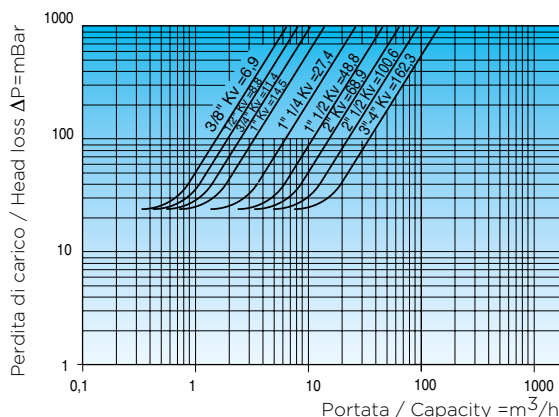
art. H0151/H0161 with NBR gasket

From -20°C to +100°C.

See pressure/temperature diagram.



**Diagramma pressione/temperatura**  
(prova eseguita con acqua)  
**Pressure/temperature diagram**  
(tested carried with water)



**Diagramma perdite di carico**  
(prova eseguita con acqua)  
**Loss of head diagram**  
(tested carried with water)

# VALSTOP - EUROSTOP

Valvola di ritegno  
Check valve

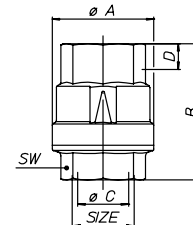
## Art. H.0141 VALSTOP



| SIZE          | 1/4" | 3/8" | 1/2" | 3/4" | 1"   | 1 1/4" | 1 1/2" | 2"   | 2 1/2" | 3"   | 4"    |
|---------------|------|------|------|------|------|--------|--------|------|--------|------|-------|
| øA mm         | 28   | 28   | 34   | 41,5 | 50   | 60,5   | 73,5   | 89   | 114    | 137  | 142   |
| B mm          | 46,5 | 46,5 | 50   | 59   | 67   | 76     | 90     | 101  | 127    | 150  | 133,5 |
| øC pass./bore | 10   | 10   | 15   | 20   | 25   | 32     | 40     | 50   | 65     | 80   | 80    |
| D mm          | 10   | 8,7  | 9,7  | 11,2 | 12,7 | 13,7   | 15,7   | 17,7 | 19,7   | 21,7 | 23    |
| SW mm         | 21   | 21   | 26   | 32   | 39   | 49     | 56     | 69   | 86     | 100  | 124   |
|               |      |      |      |      |      |        |        |      |        |      |       |
|               |      |      |      |      |      |        |        |      |        |      |       |
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Valvola di ritegno a due femmine  
passaggio totale, con guarnizione in  
**fluoroelastomero**, sabbiata.

Check valve, female/female, full  
bore, with **fluoroelastomer** gas-  
ket, sandblasted.



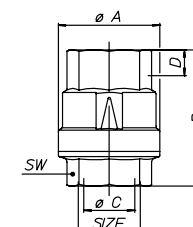
## Art. H.0151 VALSTOP



| SIZE          | 1/4" | 3/8" | 1/2" | 3/4" | 1"   | 1 1/4" | 1 1/2" | 2"   | 2 1/2" | 3"   |
|---------------|------|------|------|------|------|--------|--------|------|--------|------|
| øA mm         | 28   | 28   | 34   | 41,5 | 50   | 60,5   | 73,5   | 89   | 114    | 137  |
| B mm          | 46,5 | 46,5 | 50   | 59   | 67   | 76     | 90     | 101  | 127    | 150  |
| øC pass./bore | 10   | 10   | 15   | 20   | 25   | 32     | 40     | 50   | 65     | 80   |
| D mm          | 10   | 8,7  | 9,7  | 11,2 | 12,7 | 13,7   | 15,7   | 17,7 | 19,7   | 21,7 |
| SW mm         | 21   | 21   | 26   | 32   | 39   | 49     | 56     | 69   | 86     | 100  |
|               |      |      |      |      |      |        |        |      |        |      |
|               |      |      |      |      |      |        |        |      |        |      |
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Valvola di ritegno a due femmine  
passaggio totale, con guarnizione  
**NBR**, sabbiata.

Check valve, female/female, full  
bore, with **NBR** gasket, sandblast-  
ed.



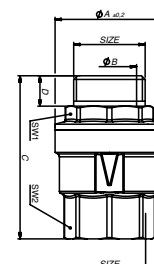
## Art. H.0152 VALSTOP



| SIZE   | 1"x1" |  |  |  |  |  |  |  |  |  |
|--------|-------|--|--|--|--|--|--|--|--|--|
| øA mm  | 50    |  |  |  |  |  |  |  |  |  |
| øB mm  | 25    |  |  |  |  |  |  |  |  |  |
| C mm   | 75    |  |  |  |  |  |  |  |  |  |
| D mm   | 14    |  |  |  |  |  |  |  |  |  |
| SW1 mm | 38    |  |  |  |  |  |  |  |  |  |
| SW2 mm | 39    |  |  |  |  |  |  |  |  |  |
|        |       |  |  |  |  |  |  |  |  |  |
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Valvola di ritegno maschio/femmina  
passaggio totale, con guarnizione  
**NBR**, sabbiata.

Check valve, male/female, full bore,  
with **NBR** gasket, sandblasted.



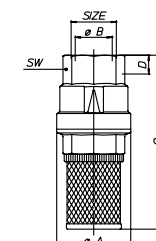
## Art. H.0153 VALSTOP



| SIZE          | 3/8" | 1/2" | 3/4" | 1"   | 1 1/4" | 1 1/2" | 2"   | 2 1/2" | 3"   |  |
|---------------|------|------|------|------|--------|--------|------|--------|------|--|
| øA mm         | 28   | 34   | 41,5 | 50   | 60,5   | 73,5   | 89   | 114    | 137  |  |
| øB pass./bore | 10   | 15   | 20   | 25   | 32     | 40     | 50   | 65     | 80   |  |
| C mm          | 84   | 92   | 107  | 119  | 133    | 157    | 179  | 211    | 246  |  |
| D mm          | 8,7  | 9,7  | 11,2 | 12,7 | 13,7   | 15,7   | 17,7 | 19,7   | 21,7 |  |
| SW mm         | 21   | 26   | 32   | 39   | 49     | 56     | 69   | 86     | 100  |  |
|               |      |      |      |      |        |        |      |        |      |  |
|               |      |      |      |      |        |        |      |        |      |  |
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Valvola di fondo fil. femmina pas-  
saggio totale con filtro acciaio inox,  
sabbiata.

Foot valve, female threaded, full  
bore, with stainless steel filter, sand-  
blasted.



# VALSTOP - EUROSTOP

**Art. H.0161** EUROSTOP

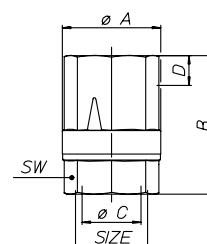


Disponibile anche in OTTONE DZR  
*Also available in DZR BRASS*

[illegible]

Valvola di ritegno a due femmine  
passaggio ridotto, con guarnizione  
**NBR**, sabbiata.

Check valve, female/female,  
reduced bore, with **NBR** gasket,  
sandblasted.

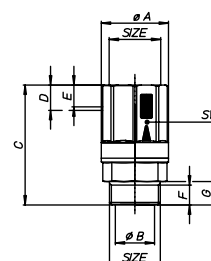


## Art. H.0162 EUROSTOP

[illegible]

Valvola di ritegno maschio/femmina  
passaggio ridotto, con guarnizione  
**NBR**, sabbata.

Check valve, male/female, reduced bore, with **NBR** gasket, sandblasted.

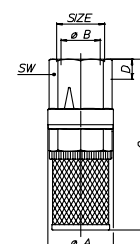


## Art. H.0163 EUROSTOP

[illegible]

Valvola di fondo tubolare fil. femmina con filtro in acciaio inox, sabbiata.

Foot valve, female threaded, with stainless steel filter, sandblasted.

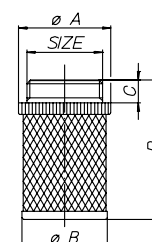


## Art. H.0157 VALSTOP/EUROSTOP

[illegible]

Filtro acciaio inox per valvola di fondo, per VALSTOP/EUROSTOP.

*Stainless steel filter for foot valve,  
for VALSTOP/EUROSTOP.*

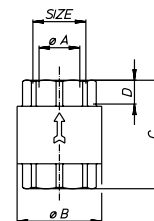


Valvola di ritegno  
*Check valve*

EAC

[illegible]

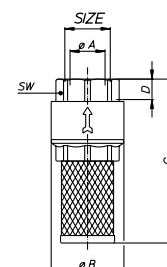
Check valve, female/female, with nylon jumper.



EAC

[illegible]

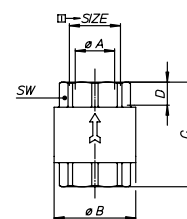
Check valve female threaded,  
with plastic jumper and integrated  
stainless steel filter.



EAC

[illegible]

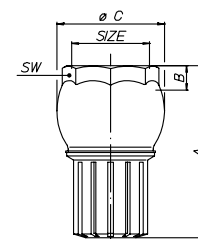
Check valve, female/female, with metal jumper.



EAC

[illegible]

Foot valve with strainer, with double-guide jumper, sandblasted.



## Art. H.0200 CLAPET

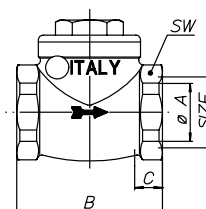
ERC



| SIZE          | 1/2" | 3/4" | 1" | 1 1/4" | 1 1/2" | 2" | 2 1/2" | 3"  | 4"  |  |
|---------------|------|------|----|--------|--------|----|--------|-----|-----|--|
| øA pass./bore | 15   | 20   | 25 | 33     | 37     | 47 | 55     | 70  | 90  |  |
| B mm          | 47   | 53   | 63 | 70     | 88     | 97 | 120    | 135 | 180 |  |
| C mm          | 9    | 10   | 11 | 12     | 12     | 14 | 17     | 17  | 23  |  |
| SW mm         | 25   | 31   | 38 | 47     | 55     | 68 | 82     | 98  | 128 |  |
|               |      |      |    |        |        |    |        |     |     |  |
|               |      |      |    |        |        |    |        |     |     |  |
|               |      |      |    |        |        |    |        |     |     |  |
| PN bar        | 12   | 12   | 12 | 10     | 10     | 10 | 8      | 8   | 8   |  |
|               |      |      |    |        |        |    |        |     |     |  |
|               |      |      |    |        |        |    |        |     |     |  |

Valvola di ritegno a clapet orizzontale sede metallica, tipo a battente, sabbata.

*Horizontal swing check valve, with metal seat, sandblasted.*



## Art. H.0202 CLAPET

ERC



| SIZE          | 1/2" | 3/4" | 1" | 1 1/4" | 1 1/2" | 2" | 2 1/2" | 3"  | 4"  |  |
|---------------|------|------|----|--------|--------|----|--------|-----|-----|--|
| øA pass./bore | 15   | 20   | 25 | 33     | 37     | 47 | 55     | 70  | 90  |  |
| B mm          | 47   | 53   | 63 | 70     | 88     | 97 | 120    | 135 | 180 |  |
| C mm          | 9    | 10   | 11 | 12     | 12     | 14 | 17     | 17  | 23  |  |
| SW mm         | 25   | 31   | 38 | 47     | 55     | 68 | 82     | 98  | 128 |  |
|               |      |      |    |        |        |    |        |     |     |  |
|               |      |      |    |        |        |    |        |     |     |  |
|               |      |      |    |        |        |    |        |     |     |  |
| PN bar        | 12   | 12   | 12 | 10     | 10     | 10 | 8      | 8   | 8   |  |
|               |      |      |    |        |        |    |        |     |     |  |
|               |      |      |    |        |        |    |        |     |     |  |

Valvola di ritegno a clapet orizzontale sede in gomma, tipo a battente, sabbata.

*Horizontal swing check valve, with NBR seat, sandblasted.*

