

# CHECK VALVES

## Clapets

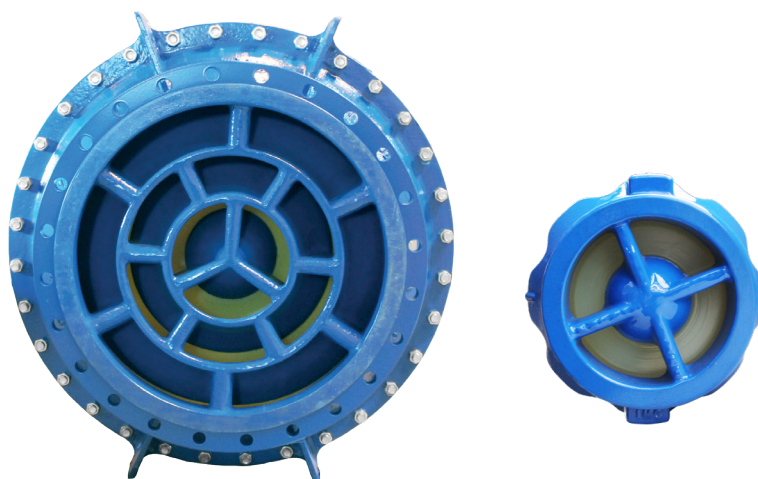




|                                                     |                |
|-----------------------------------------------------|----------------|
| <b>AXIAL CHECK VALVES</b><br>Clapets axiaux         | <b>208-214</b> |
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# QUICK-CLOSING-NON-RETURN CHECK VALVE

## CLAPET DE NON RETOUR À FERMETURE RAPIDE


**ACS**

- ✓ **Prevents water hammer - Excellent dynamic solution**  
Minimise les coups de bélier - Excellente réponse dynamique
- ✓ **Used in all installation positions: stainless steel counter spring**  
Fonctionne en toutes positions d'installation : ressort inox de rappel
- ✓ **Optimum hydraulic operation: low pressure loss (optimal flow)**  
Excellent comportement hydraulique : faibles pertes de charge
- ✓ **Operates silently - No vibration**  
Manoeuvre silencieuse - Absence de vibration
- ✓ **100% sealing in closed position**  
Etanchéité 100% en position fermée
- ✓ **No maintenance due to its design (no seat gasket, no obturator wear)**  
Absence de maintenance de par sa conception (pas de joint de siège, pas d'usure de l'obturateur)
- ✓ **Robust and resistant: body and ring in ductile iron GGG40 - Stainless steel 302 spring**  
Robuste et résistant : corps et anneau en fonte ductile GGG40 - Ressort inox 302
- ✓ **ACS epoxy coating minimum thickness 250µm**  
Revêtement époxy ACS épaisseur minimum 250µm
- ✓ **ACS certification for drinking water**  
Certifié ACS pour eau potable



### INNOVATIVE DESIGN

- Light-weight obturator with low inertia (short operation travel limited to 1/10th of nominal diameter)
- Obturator made of polyurethane to absorb the shocks
- No mechanical parts
- Hydraulic design allowing optimal flow
- Unique range: wafer type for PN10/16/25/40/ASA150/300 flanges

### Conception innovante

- Obturateur léger et de faible inertie (course limitée à 1/10 du diamètre nominal)
- Obturateur en polyuréthane qui absorbe les chocs
- Absence de pièce mécanique
- Profil hydraulique permettant un écoulement optimal
- Gamme unique : raccordement entre-bridés PN10/16/25/40/ASA150/ASA300



### High quality, low inertia check valve to secure your water networks.

Clapet de haute qualité à faible inertie pour assurer la sécurité de vos réseaux d'eau.

**CA4460**

**Quick-closing non-return valve**  
Clapet de non retour à fermeture rapide entre brides



Body: Ductile iron EN-GJS-450-15 (GGG45)  
Ring: Ductile iron EN-GJS-400-15 (GGG40)  
Obturator: Polyurethane  
Spring: Stainless steel 302  
Seal: SBR  
Connection: Between flanges PN10, PN16, PN25, PN40, ASA150, ASA300  
Maximum working pressure: 50 bar  
Maximum working temperature: +60°C

Corps : Fonte ductile EN-GJS-450-15 (GGG45)  
Anneau : Fonte ductile EN-GJS-400-15 (GGG40)  
Obturateur : Polyuréthane  
Ressort : Inox 302  
Etanchéité : SBR  
Raccordement : Entre brides PN10, PN16, PN25, PN40, ASA150, ASA300  
Pression de service max : 50 bar  
Température de service max : +60°C

**ACS**


**One single and complete range**  
**PN10/16/25/40/ASA150/ASA300**  
Gamme unique et complète  
PN10/16/25/40/ASA150/ASA300

| DN  |      | L (mm) | Kg  | Ref.        |
|-----|------|--------|-----|-------------|
| mm  | inch |        |     |             |
| 50  | 2"   | 50     | 1   | CA4460-0050 |
| 80  | 3"   | 80     | 2   | CA4460-0080 |
| 100 | 4"   | 100    | 6   | CA4460-0100 |
| 125 | 5"   | 125    | 11  | CA4460-0125 |
| 150 | 6"   | 150    | 17  | CA4460-0150 |
| 200 | 8"   | 127    | 22  | CA4460-0200 |
| 250 | 10"  | 146    | 35  | CA4460-0250 |
| 300 | 12"  | 181    | 50  | CA4460-0300 |
| 350 | 14"  | 222    | 80  | CA4460-0350 |
| 400 | 16"  | 232    | 100 | CA4460-0400 |
| 450 | 18"  | 260    | 135 | CA4460-0450 |
| 500 | 20"  | 292    | 180 | CA4460-0500 |



Available / En stock  
Not in stock / Avec délais

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Price list 2026 / Tarif 2026  
www.tecofi.com



Body: Ductile iron EN-GJS-450-15 (GGG45)  
Ring: Ductile Iron EN-GJS-400-15 (GGG40)  
Obturator: Polyurethane  
Spring: Stainless steel 302  
Seal: SBR  
Connection: Flanged PN10; PN16; PN25; PN40  
Maximum working pressures: 10/16/25/40 bar  
Maximum working temperature: +60°C  
ASA150/300 on request

Corps : Fonte ductile EN-GJS-450-15 (GGG45)  
Anneau : Fonte ductile EN-GJS-400-15 (GGG40)  
Obturbateur : Elastomère de polyuréthane  
Ressort de compression : Inox 302  
Etanchéité : SBR  
Raccordement : À brides PN10; PN16; PN25; PN40  
Pressions de service max : 10/16/25/40 bar  
Température de service max : +60°C  
ASA150 / 300 sur demande

**ACS**

| DN   |      | <br>L (mm) | Kg*  | PN10                                                                                          | PN16                                                                                          | PN25        | PN40        |
|------|------|---------------------------------------------------------------------------------------------|------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------|-------------|
| mm   | inch |                                                                                             |      | Ref.                                                                                          | Ref.                                                                                          | Ref.        | Ref.        |
| 600  | 24"  | 435                                                                                         | 500  | CA4200-0600  | CA4240-0600  | CA4250-0600 | CA4260-0600 |
| 700  | 28"  | 500                                                                                         | 800  | CA4200-0700                                                                                   | CA4240-0700                                                                                   | CA4250-0700 | CA4260-0700 |
| 800  | 32"  | 515                                                                                         | 1000 | CA4200-0800                                                                                   | CA4240-0800                                                                                   | CA4250-0800 | CA4260-0800 |
| 900  | 36"  | 710                                                                                         | 1700 | CA4200-0900                                                                                   | CA4240-0900                                                                                   | CA4250-0900 | CA4260-0900 |
| 1000 | 40"  | 730                                                                                         | 1900 | CA4200-1000                                                                                   | CA4240-1000                                                                                   | CA4250-1000 | CA4260-1000 |
| 1200 | 48"  | 900                                                                                         | 3400 | CA4200-1200                                                                                   | CA4240-1200                                                                                   | CA4250-1200 | CA4260-1200 |

\*change possible, other DN on request / susceptible de changer, DN supérieurs sur demande

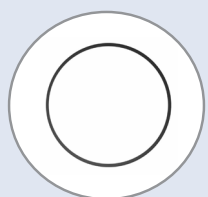
### Quick-closing non-return valve - large sizes - NON ACS Clapet de non retour à fermeture rapide à brides - grands DN - NON ACS



| DN   |      | <br>L (mm) | Kg*  | PN10         | PN16         | PN25         | PN40         |
|------|------|-----------------------------------------------------------------------------------------------|------|--------------|--------------|--------------|--------------|
| mm   | inch |                                                                                               |      | Ref.         | Ref.         | Ref.         | Ref.         |
| 600  | 24"  | 435                                                                                           | 500  | CA4200A-0600 | CA4240A-0600 | CA4250A-0600 | CA4260A-0600 |
| 700  | 28"  | 500                                                                                           | 800  | CA4200A-0700 | CA4240A-0700 | CA4250A-0700 | CA4260A-0700 |
| 800  | 32"  | 515                                                                                           | 1000 | CA4200A-0800 | CA4240A-0800 | CA4250A-0800 | CA4260A-0800 |
| 900  | 36"  | 710                                                                                           | 1700 | CA4200A-0900 | CA4240A-0900 | CA4250A-0900 | CA4260A-0900 |
| 1000 | 40"  | 730                                                                                           | 1900 | CA4200A-1000 | CA4240A-1000 | CA4250A-1000 | CA4260A-1000 |
| 1200 | 48"  | 900                                                                                           | 3400 | CA4200A-1200 | CA4240A-1200 | CA4250A-1200 | CA4260A-1200 |

\*change possible, other DN on request / susceptible de changer, DN supérieurs sur demande

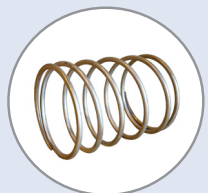
## SPARE PARTS | PIÈCES DE RECHANGE



O'Ring material: SBR  
Mounting between the two parts of the check valve body.  
Matière joint de corps : SBR  
Montage entre demi-corps de clapet



Obturator material: Polyurethane  
Matière obturbateur : Polyuréthane



Helical spring material: Stainless steel 302  
Matière ressort : Inox 302

| DN  |      | O'Ring<br>Joint de corps                                                                          | Polyurethane obturator<br>Obturbateur polyuréthane                                                  | Helical spring SS 302<br>Ressort inox 302                                                            |
|-----|------|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| mm  | inch | Ref.                                                                                              | Ref.                                                                                                | Ref.                                                                                                 |
| 50  | 2"   | CA4460JT-0050                                                                                     | CA4460BT-0050                                                                                       | CA4460RES-0050                                                                                       |
| 80  | 3"   | CA4460JT-0080                                                                                     | CA4460BT-0080                                                                                       | CA4460RES-0080                                                                                       |
| 100 | 4"   | CA4460JT-0100                                                                                     | CA4460BT-0100                                                                                       | CA4460RES-0100                                                                                       |
| 125 | 5"   | CA4460JT-0125                                                                                     | CA4460BT-0125                                                                                       | CA4460RES-0125                                                                                       |
| 150 | 6"   | CA4460JT-0150                                                                                     | CA4460BT-0150                                                                                       | CA4460RES-0150                                                                                       |
| 200 | 8"   | CA4460JT-0200                                                                                     | CA4460BT-0200                                                                                       | CA4460RES-0200                                                                                       |
| 250 | 10"  | CA4460JT-0250                                                                                     | CA4460BT-0250                                                                                       | CA4460RES-0250                                                                                       |
| 300 | 12"  | CA4460JT-0300                                                                                     | CA4460BT-0300                                                                                       | CA4460RES-0300                                                                                       |
| 350 | 14"  | CA4460JT-0350                                                                                     | CA4460BT-0350                                                                                       | CA4460RES-0350                                                                                       |
| 400 | 16"  | CA4460JT-0400                                                                                     | CA4460BT-0400                                                                                       | CA4460RES-0400                                                                                       |
| 450 | 18"  | CA4460JT-0450                                                                                     | CA4460BT-0450                                                                                       | CA4460RES-0450                                                                                       |
| 500 | 20"  | CA4460JT-0500                                                                                     | CA4460BT-0500                                                                                       | CA4460RES-0500                                                                                       |
| 600 | 24"  | CA4460JT-0600  | CA4460BT-0600  | CA4460RES-0600  |

## CA1142 / CA1100

**BSP female all position axial type check valve**  
Clapet axial laiton femelle BSP «toutes positions»



Body: 2-piece brass CW617N  
Disc: Nylon  
Spring: Stainless steel  
Seal: Nitrile  
Connection: BSP female / female  
Working pressure: 16 bar  
Working temperature: -20°C / +100°C

Corps : 2 pièces laiton CW617N  
Obturbateur : Nylon  
Ressort : Inox  
Etanchéité : Nitrile  
Raccordement : Femelle / Femelle BSP  
Pression de service : 16 bar  
Température de service : -20°C / +100°C

**ACS**

Up to DN50  
Jusqu'au DN50

| DN  |        | L (mm) | Kg   | Ref.        |
|-----|--------|--------|------|-------------|
| mm  | inch   |        |      |             |
| 15  | 1/2"   | 46,5   | 0,11 | CA1142-0015 |
| 20  | 3/4"   | 50     | 0,16 | CA1142-0020 |
| 25  | 1"     | 57     | 0,21 | CA1142-0025 |
| 32  | 1 1/4" | 60,5   | 0,33 | CA1142-0032 |
| 40  | 1 1/2" | 71     | 0,52 | CA1142-0040 |
| 50  | 2"     | 74,5   | 0,74 | CA1142-0050 |
| 65  | 2 1/2" | 100    | 1,14 | CA1100-0065 |
| 80  | 3"     | 109,5  | 1,71 | CA1100-0080 |
| 100 | 4"     | 114    | 3,10 | CA1100-0100 |

## CC1142A

**BSP female foot valve – all installation positions**  
Clapet crépine femelle BSP «toutes positions»



Body: Brass  
Disc: Nylon  
Seal: Nitrile  
Strainer: Stainless steel 304  
Connection: BSP female / female  
Maximum working pressure: 16 bar  
Working temperature: -20°C / +100°C

Corps : Laiton  
Clapet : Nylon  
Etanchéité : Nitrile  
Crépine : Inox 304  
Raccordement : Femelle / Femelle BSP  
Pression de service max : 16 bar  
Température de service : -20°C / +100°C

**ACS**

| DN |        | L (mm) | Kg    | Ref.         |
|----|--------|--------|-------|--------------|
| mm | inch   |        |       |              |
| 15 | 1/2"   | 67,3   | 0,075 | CC1142A-0015 |
| 20 | 3/4"   | 78,5   | 0,11  | CC1142A-0020 |
| 25 | 1"     | 90     | 0,14  | CC1142A-0025 |
| 32 | 1 1/4" | 102    | 0,22  | CC1142A-0032 |
| 40 | 1 1/2" | 117,5  | 0,36  | CC1142A-0040 |
| 50 | 2"     | 134,5  | 0,52  | CC1142A-0050 |

## CR3201 / CR6146

**Stainless steel strainers for check valves**  
Crépines inox pour clapet



Material CR3201: Stainless steel 316  
Material CR6146: Stainless steel 304 + Nylon male threaded  
Connection: BSP male

Matière CR3201 : Inox 316  
Matière CR6146 : Inox 304 + bague filetée en nylon  
Raccordement : Mâle BSP

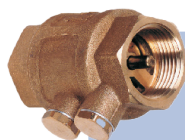


**ACS**

| DN  |        | Ref.                       |
|-----|--------|----------------------------|
| mm  | inch   |                            |
| 10  | 3/8"   | CR3201-0010                |
| 15  | 1/2"   | CR3201-0015<br>CR6146-0015 |
| 20  | 3/4"   | CR3201-0020<br>CR6146-0020 |
| 25  | 1"     | CR3201-0025<br>CR6146-0025 |
| 32  | 1 1/4" | CR3201-0032<br>CR6146-0032 |
| 40  | 1 1/2" | CR3201-0040<br>CR6146-0040 |
| 50  | 2"     | CR3201-0050<br>CR6146-0050 |
| 65  | 2 1/2" | CR3201-0065<br>CR6146-0065 |
| 80  | 3"     | CR3201-0080<br>CR6146-0080 |
| 100 | 4"     | CR3201-0100<br>CR6146-0100 |

## CA1102

**BSP female antipollution check valve**  
Clapet anti-pollution femelle BSP



Body: CW617N Brass  
Disc: Stainless steel 304  
Seal: FKM  
Connection: BSP female / female  
Maximum working pressure:  
3/8" to 1" 25 bar  
1 1/4 to 2" 18 bar  
Maximum working temperature:  
-10°C / +100°C  
With upstream and downstream drain plug

Corps : Laiton CW617N brossé  
Disque : Inox 304  
Etanchéité : Joint FKM  
Raccordement : Femelle / femelle BSP  
Pression de service max :  
Du 3/8" au 1" 25 bar  
Du 1 1/4 au 2" 18 bar  
Température de service max. : -10°C / +100°C  
Avec bouchon de purge amont et aval

**ACS**



**To be placed after you water meter: prevents water from returning into the distribution network (antipollution)**  
The antipollution check valve CA1102 has two caps, one upstream for controlling the seal of the check valve and the other downstream for controlling the quality of the water and for purging the installation.

A placer après votre compteur d'eau : empêche le retour de l'eau dans le réseau de distribution (antipollution)

Le CA1102 possède 2 bouchons : un en amont servant à contrôler l'étanchéité du clapet et un deuxième bouchon aval servant à contrôler la qualité de l'eau et éventuellement purger l'installation.

| DN |        | L (mm) | Kg   | Ref.        |
|----|--------|--------|------|-------------|
| mm | inch   |        |      |             |
| 10 | 3/8"   | 63     | 0,23 | CA1102-0010 |
| 15 | 1/2"   | 68,5   | 0,24 | CA1102-0015 |
| 20 | 3/4"   | 69,5   | 0,40 | CA1102-0020 |
| 25 | 1"     | 79     | 0,46 | CA1102-0025 |
| 32 | 1 1/4" | 84     | 0,67 | CA1102-0032 |
| 40 | 1 1/2" | 93,5   | 0,98 | CA1102-0040 |
| 50 | 2"     | 108    | 1,45 | CA1102-0050 |



## CA6469

### Axial spring-loaded wafer non-return valve Clapet axial anti-retour à ressort entre brides



**Body:** Stainless steel A351 CF8M  
**Disc:** Stainless steel A351 CF8M  
**Spring:** Stainless steel 316  
**Seal:** Metal / metal  
**Cover and bolts:** Stainless steel 316  
**Connection:**  
 Between flanges PN10/16/25/40/ASA150  
**Working pressure:** 40 bar  
**Working temperature:** -20°C / +300°C  
 (conditions of use see technical sheet)

**Corps :** Inox A351 CF8M  
**Obtuteur :** Inox A351 CF8M  
**Ressort :** Inox 316  
**Etanchéité :** Métal / métal  
**Guide et visserie :** Inox 316  
**Raccordement :**  
 Entre brides PN10/16/25/40/ASA150  
**Pression de service :** 40 bar  
**Température de service :** -20°C / +300°C  
 (conditions d'utilisation voir le passeport technique)

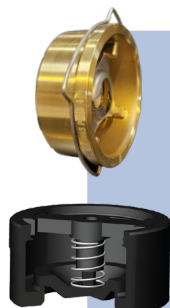


**Small face to face, low head losses**  
**Encombrement réduit, faibles pertes de charge**

| DN  |        | L (mm) | Kg   | Ref.        |
|-----|--------|--------|------|-------------|
| mm  | inch   |        |      |             |
| 15  | 1/2"   | 16     | 0,11 | CA6469-0015 |
| 20  | 3/4"   | 19     | 0,20 | CA6469-0020 |
| 25  | 1"     | 22     | 0,30 | CA6469-0025 |
| 32  | 1 1/4" | 28     | 0,50 | CA6469-0032 |
| 40  | 1 1/2" | 32     | 0,60 | CA6469-0040 |
| 50  | 2"     | 40     | 1    | CA6469-0050 |
| 65  | 2 1/2" | 46     | 1,35 | CA6469-0065 |
| 80  | 3"     | 50     | 2    | CA6469-0080 |
| 100 | 4"     | 60     | 3,2  | CA6469-0100 |
| 125 | 5"     | 90     | 7,6  | CA6469-0125 |
| 150 | 6"     | 106    | 11   | CA6469-0150 |
| 200 | 8"     | 140    | 19   | CA6469-0200 |
| 250 | 10"    | 145    | 28   | CA6469-0250 |
| 300 | 12"    | 160    | 38   | CA6469-0300 |

## CA7441

### Axial spring-loaded wafer valve Clapet axial à ressort entre brides



**Body:** Brass DN32-100  
 Ductile iron GGG50 DN125-200  
**Disc:** Stainless steel DN32-100  
 Ductile iron GGG50 DN125-200  
**Guide:** Stainless steel DN32-100  
 Ductile iron GGG50 DN125-200  
**Spring:** Stainless steel  
**Seal:** Metal / metal  
**Connection:**  
 DN32-150: between flanges PN10/PN16  
 DN200: between flanges PN16  
**Max working pressure:** 16 bar  
**Working temperature:** -10°C / +120°C

**Corps :** Laiton DN32-100  
 Fonte ductile GGG50 DN125-200  
**Disque :** Inox DN32-100  
 Fonte ductile GGG50 DN125-200  
**Guide :** Inox DN32-100  
 Fonte ductile GGG50 DN125-200  
**Ressort :** Inox  
**Etanchéité :** Métal / métal  
**Raccordement :**  
 DN32-150: entre brides PN10/PN16  
 DN200: entre brides PN16  
**Pression de service max :** 16 bar  
**Température de service :** -10°C / +120°C

| DN  |        | L (mm) | Kg   | Ref.        |
|-----|--------|--------|------|-------------|
| mm  | inch   |        |      |             |
| 32  | 1 1/4" | 28     | 0,46 | CA7441-0032 |
| 40  | 1 1/2" | 31,5   | 0,62 | CA7441-0040 |
| 50  | 2"     | 40     | 0,98 | CA7441-0050 |
| 65  | 2 1/2" | 46     | 1,36 | CA7441-0065 |
| 80  | 3"     | 50     | 2,08 | CA7441-0080 |
| 100 | 4"     | 60     | 3,03 | CA7441-0100 |
| 125 | 5"     | 90     | 6,80 | CA7441-0125 |
| 150 | 6"     | 106    | 10   | CA7441-0150 |
| 200 | 8"     | 140    | 20   | CA7441-0200 |

## CA6179 BSP / CA6779 NPT / CA6979 BW / CA6379 SW

Any position 3-piece check valve  
Clapet 3 pièces toutes positions

CA6979 DN50 - BW

Body: Stainless steel A351 CF8M  
Disc: Stainless steel AISI 316  
Spring: Stainless steel 316  
Seal: Metal / metal  
Connection:  
CA6179-MM: Female BSP  
CA6779-MM: Female NPT  
CA6979-MM: Butt welding  
CA6379-MM: Socket welding  
Maximum working pressure: 63 bar  
Working temperature: -25°C / +180°C

Corps : Inox A351 CF8M  
Disque : Inox AISI 316  
Ressort : Inox 316  
Étanchéité : Métal / métal  
Raccordement :  
CA6179-MM : Femelle BSP  
CA6779-MM : Femelle NPT  
CA6979-MM : A souder en bout BW  
CA6379-MM : A souder à emboîtement SW  
Pression de service max : 63 bar  
Température de service : -25°C / +180°C



ATEX II 2 GD C T2

All mounting positions  
Montage toutes positions

| DN  |        | L (mm) | Kg   | Ref.                                                             |
|-----|--------|--------|------|------------------------------------------------------------------|
| mm  | inch   |        |      |                                                                  |
| 8   | 1/4"   | 49     | 0,18 | CA6179-MM0008<br>CA6779-MM0008<br>CA6979-MM0008<br>CA6379-MM0008 |
| 10  | 3/8"   | 49     | 0,18 | CA6179-MM0010<br>CA6779-MM0010<br>CA6979-MM0010<br>CA6379-MM0010 |
| 15  | 1/2"   | 56     | 0,30 | CA6179-MM0015<br>CA6779-MM0015<br>CA6979-MM0015<br>CA6379-MM0015 |
| 20  | 3/4"   | 65     | 0,43 | CA6179-MM0020<br>CA6779-MM0020<br>CA6979-MM0020<br>CA6379-MM0020 |
| 25  | 1"     | 74     | 0,61 | CA6179-MM0025<br>CA6779-MM0025<br>CA6979-MM0025<br>CA6379-MM0025 |
| 32  | 1 1/4" | 83     | 1    | CA6179-MM0032<br>CA6779-MM0032<br>CA6979-MM0032<br>CA6379-MM0032 |
| 40  | 1 1/2" | 91     | 1,32 | CA6179-MM0040<br>CA6779-MM0040<br>CA6979-MM0040<br>CA6379-MM0040 |
| 50  | 2"     | 110    | 2,14 | CA6179-MM0050<br>CA6779-MM0050<br>CA6979-MM0050<br>CA6379-MM0050 |
| 65  | 2 1/2" | 126    | 4    | CA6179-MM0065<br>CA6779-MM0065<br>CA6979-MM0065<br>CA6379-MM0065 |
| 80  | 3"     | 141    | 5,71 | CA6179-MM0080<br>CA6779-MM0080<br>CA6979-MM0080<br>CA6379-MM0080 |
| 100 | 4"     | 162    | 10   | CA6179-MM0100<br>CA6779-MM0100<br>CA6979-MM0100<br>CA6379-MM0100 |

## CA6190

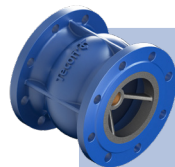
Threaded ball check valve – all positions  
Clapet à bille toutes positions taraudé

Body: Stainless steel 316  
Ball: Stainless steel 316  
Spring: Stainless steel 304  
Seal: Metal / metal  
Connection: BSP female / female  
Maximum working pressure: 400 bar  
Working temperature: -20°C / +180°C

Corps : Inox 316  
Bille : Inox 316  
Ressort : Inox 304  
Étanchéité : Métal / métal  
Raccordement : Femelle / femelle BSP  
Pression de service max : 400 bar  
Température de service : -20°C / +180°C

| DN |      | L (mm) | Kg   | Ref.        |
|----|------|--------|------|-------------|
| mm | inch |        |      |             |
| 8  | 1/4" | 90     | 0,50 | CA6190-0008 |
| 10 | 3/8" | 90     | 0,50 | CA6190-0010 |
| 15 | 1/2" | 90     | 0,52 | CA6190-0015 |
| 20 | 3/4" | 130    | 0,88 | CA6190-0020 |
| 25 | 1"   | 140    | 1,50 | CA6190-0025 |

## CA3241

Flanged type axial check valve PN10/16  
Clapet axial à brides PN10/16

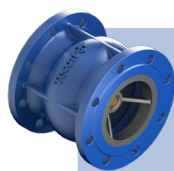
Body: Cast iron EN-GJL-250 (GG25)  
Disc: Ductile iron EN-GJS-400-15 (GGG40)  
Guide: Ductile iron EN-GJS-400-15 (GGG40)  
Spring: Stainless steel 316  
Seal: Nitrile  
Connection: Flanged PN10, PN16  
Maximum working pressure: 10 or 16 bar  
Maximum working temperature: +100°C

Corps : Fonte EN-GJL-250 (GG25)  
Disque : Fonte ductile EN-GJS-400-15 (GGG40)  
Guide : Fonte ductile EN-GJS-400-15 (GGG40)  
Ressort : Inox 316  
Étanchéité : Nitrile  
Raccordement : A brides PN10, PN16  
Pression de service max : 10 ou 16 bar  
Température de service max : +100°C

WHILE STOCKS LAST  
JUSQU'À ÉPUISEMENT DES STOCKS

| DN  |        | L (mm) | Kg   | PN10               |  | PN16               |  |
|-----|--------|--------|------|--------------------|--|--------------------|--|
| mm  | inch   |        |      | Ref.               |  | Ref.               |  |
| 50  | 2"     | 100    | 5,09 | see / voir PN16    |  | see / voir CA4248B |  |
| 65  | 2 1/2" | 120    | 7,85 |                    |  | CA3241-0065        |  |
| 80  | 3"     | 140    | 9,53 |                    |  | see / voir CA4248B |  |
| 100 | 4"     | 170    | 13,2 |                    |  | see / voir CA4248B |  |
| 125 | 5"     | 200    | 20,5 |                    |  | CA3241-0125        |  |
| 150 | 6"     | 230    | 29,6 | see / voir CA4248B |  | CA3241-0150        |  |
| 200 | 8"     | 300    | 47,3 |                    |  | CA3241-0200        |  |
| 250 | 10"    | 370    | 68   |                    |  | see / voir CA4248B |  |
| 300 | 12"    | 410    | 112  | see / voir CA4248B |  | see / voir CA4248B |  |

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Body: Ductile iron EN-GJS-500-7 (GGG50)

Disc:

Ductile iron EN-GJS-500-7 (GGG50)

Guide: SS420

Spring: Stainless steel 304

Seal: EPDM ACS

Connection: Flanged PN10/16

Maximum working pressure: 16 bar

Maximum working temperature:  
-20°C / +85°C

Corps : Fonte ductile  
EN-GJS-500-7 (GGG50)

Disque :

Fonte ductile EN-GJS-500-7 (GGG50)

Guide : SS420

Ressort : Inox 304

Etanchéité : EPDM ACS

Raccordement : A brides PN10/16

Pression de service max : 16 bar

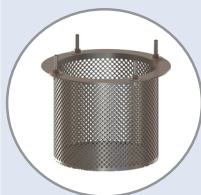
Température de service max :  
-20°C / +85°C

ACS

| DN  |        | L (mm) | Kg    | PN10/16        |  |
|-----|--------|--------|-------|----------------|--|
| mm  | inch   |        |       | Ref.           |  |
| 50  | 2"     | 100    | 4,7   | CA4248B-EA0050 |  |
| 65  | 2" 1/2 | 120    | 6,8   | CA4248B-EA0065 |  |
| 80  | 3"     | 140    | 8,3   | CA4248B-EA0080 |  |
| 100 | 4"     | 170    | 11,9  | CA4248B-EA0100 |  |
| 125 | 5"     | 200    | 16,8  | CA4248B-EA0125 |  |
| 150 | 6"     | 230    | 23,8  | CA4248B-EA0150 |  |
| 200 | 8"     | 300    | 41,6  | CA4248B-EA0200 |  |
| 250 | 10"    | 370    | 71,2  | CA4248B-EA0250 |  |
| 300 | 12"    | 410    | 86,3  | CA4248B-EA0300 |  |
| 350 | 14"    | 425    | 119,3 | CA4248B-EA0350 |  |
| 400 | 16"    | 475    | 165,5 | CA4248B-EA0400 |  |
| 450 | 18"    | 500    | 215,4 | CA4248B-EA0450 |  |
| 500 | 20"    | 550    | 264,5 | CA4248B-EA0500 |  |
| 600 | 24"    | 600    | 360,1 | CA4248B-EA0600 |  |

## SPARE PARTS | PIÈCES DE RECHANGE

**Strainer for flanged type axial check valve PN10 and/or PN16**  
**Crépine pour clapet axial à brides PN10 et/ou PN16**



Strainer: Stainless steel 316

Connection: Flange mounting PN10/16

Crépine : Inox 316

Raccordement : Montage sur bride PN10/16

| DN   |        | Ref.         |
|------|--------|--------------|
| mm   | inch   |              |
| 50   | 2"     | CR6200B-0050 |
| 65   | 2" 1/2 | CR6200B-0065 |
| 80   | 3"     | CR6200B-0080 |
| 100  | 4"     | CR6200B-0100 |
| 125  | 5"     | CR6200B-0125 |
| 150  | 6"     | CR6200B-0150 |
| 200  | 8"     | CR6200B-0200 |
| 250  | 10"    | CR6200B-0250 |
| 300  | 12"    | CR6200B-0300 |
| 350  | 14"    | CR6200B-0350 |
| 400  | 16"    | CR6200B-0400 |
| 450  | 18"    | CR6200B-0450 |
| 500  | 20"    | CR6200B-0500 |
| 600  | 24"    | CR6200B-0600 |
| 700  | 28"    | CR6200B-0700 |
| 800  | 32"    | CR6200B-0800 |
| 900  | 36"    | CR6200B-0900 |
| 1000 | 40"    | CR6200B-1000 |
| 1200 | 48"    | CR6200B-1200 |



## CA4251 / CA4261

High-pressure axial flanged non-return valve  
Clapet axial à brides haute pression

Body: Ductile iron EN-GJS-400-15 (GGG40)  
 Disc: Ductile iron EN-GJS-400-15 (GGG40)  
 Spring: Stainless steel 304  
 Seal: EPDM  
 Connection: Flanged PN25 or PN40  
 Maximum working pressure: 25 bar or 40 bar  
 Maximum working temperature: -10°C / +80°C

Corps : Fonte EN-GJS-400-15 (GGG40)  
 Clapet : Fonte EN-GJS-400-15 (GGG40)  
 Ressort : Inox 304  
 Etanchéité : EPDM  
 Raccordement : À brides PN25 ou PN40  
 Pression de service max : 25 bar ou 40 bar  
 Température de service max : -10°C / +80°C



High pressure  
 Haute pression

| DN  |        | <br>L (mm) | PN25        |     | PN40        |     |
|-----|--------|-----------------------------------------------------------------------------------------------|-------------|-----|-------------|-----|
|     |        |                                                                                               | Ref.        | Kg  | Ref.        | Kg  |
| 50  | 2"     | 125                                                                                           | CA4251-0050 | 6   | CA4261-0050 | 7   |
| 65  | 2" 1/2 | 145                                                                                           | CA4251-0065 | 8   | CA4261-0065 | 9   |
| 80  | 3"     | 155                                                                                           | CA4251-0080 | 12  | CA4261-0080 | 13  |
| 100 | 4"     | 175                                                                                           | CA4251-0100 | 17  | CA4261-0100 | 19  |
| 125 | 5"     | 200                                                                                           | CA4251-0125 | 23  | CA4261-0125 | 25  |
| 150 | 6"     | 225                                                                                           | CA4251-0150 | 35  | CA4261-0150 | 39  |
| 200 | 8"     | 275                                                                                           | CA4251-0200 | 60  | CA4261-0200 | 66  |
| 250 | 10"    | 325                                                                                           | CA4251-0250 | 95  | CA4261-0250 | 105 |
| 300 | 12"    | 375                                                                                           | CA4251-0300 | 130 | CA4261-0300 | 143 |
| 350 | 14"    | 425                                                                                           | CA4251-0350 | 180 | CA4261-0350 | 198 |
| 400 | 16"    | 475                                                                                           | CA4251-0400 | 240 | CA4261-0400 | 264 |
| 450 | 18"    | 500                                                                                           | CA4251-0450 | 264 | CA4261-0450 | -   |
| 500 | 20"    | 587                                                                                           | CA4251-0500 | 380 | CA4261-0500 | 418 |
| 600 | 24"    | 710                                                                                           | CA4251-0600 | 590 | CA4261-0600 | 650 |



## CBL4141

### BSP female ball check valve Clapet à boule femelle BSP



Body: Ductile iron EN-GJS-500-7 (GGG50)  
Ball: DN25-50: NBR  
DN65: Aluminium + NBR  
Bolts: Stainless steel A2  
O-ring: NBR  
Connection: BSP female  
Working pressure: 10 bar  
Working temperature: -10°C / +90°C

Corps : Fonte ductile EN-GJS-500-7 (GGG50)  
Boule : DN25-50 : Nitrile  
DN65 : Aluminium + Nitrile  
Boulonnerie : Inox A2  
Joint : Nitrile  
Raccordement : Femelle BSP  
Pression de service : 10 bar  
Température de service : -10°C / +90°C

| DN |       | L (mm) | Kg  | Ref.         |
|----|-------|--------|-----|--------------|
| mm | inch  |        |     |              |
| 25 | 1" *  | 125    | 1,3 | CBL4141-0025 |
| 32 | 1"1/4 | 133    | 1,5 | CBL4141-0032 |
| 40 | 1"1/2 | 151    | 2,1 | CBL4141-0040 |
| 50 | 2"    | 175    | 3,2 | CBL4141-0050 |
| 65 | 2"1/2 | 202    | 4,3 | CBL4141-0065 |

\*not CE / non CE

CE

## CBL4240

### Flanged ball check valve Clapet à boule à brides



Body: Ductile iron EN-GJS-500-7 (GGG50)  
Ball: DN40-50: NBR  
DN65-80: Aluminium + NBR  
DN100-600: Cast iron + NBR  
Bolts: Stainless steel A4  
Connection: Flanged PN10  
Working pressure: 10 bar  
Working temperature: -10°C / +80°C

Corps : Fonte ductile EN-GJS-500-7 (GGG50)  
Boule : DN40-50 : Nitrile  
DN65-80 : Aluminium + nitrile  
DN100-600 : Fonte + nitrile  
Boulonnerie : Inox A4  
Raccordement : A brides PN10  
Pression de service : 10 bar  
Température de service : -10°C / +80°C

| DN  |        | L (mm) | Kg   | Ref.         | DN  |      | L (mm) | Kg    | Ref.         |
|-----|--------|--------|------|--------------|-----|------|--------|-------|--------------|
| mm  | inch   |        |      |              | mm  | inch |        |       |              |
| 40  | 1" 1/2 | 180    | 5,6  | CBL4240-0040 | 250 | 10"  | 600    | 125,3 | CBL4240-0250 |
| 50  | 2"     | 200    | 7,5  | CBL4240-0050 | 300 | 12"  | 700    | 177   | CBL4240-0300 |
| 65  | 2" 1/2 | 240    | 10,1 | CBL4240-0065 | 350 | 14"  | 800    | 276   | CBL4240-0350 |
| 80  | 3"     | 260    | 12,8 | CBL4240-0080 | 400 | 16"  | 900    | 423   | CBL4240-0400 |
| 100 | 4"     | 300    | 18,4 | CBL4240-0100 |     |      |        |       |              |
| 125 | 5"     | 350    | 30,2 | CBL4240-0125 |     |      |        |       |              |
| 150 | 6"     | 400    | 38,5 | CBL4240-0150 |     |      |        |       |              |
| 200 | 8"     | 500    | 76   | CBL4240-0200 |     |      |        |       |              |



**Lifting hook on the bonnet (up to the DN400) for easy handling**  
**Can be mounted horizontally or vertically but with flow going down to up**  
Anneau de levage sur le chapeau (jusqu'au DN400) équilibrant le clapet pour une manutention aisée lors de la pose de la conduite  
Montage horizontal ou vertical avec fluide ascendant

CE

## CBL4200

### Flanged ball check valve Clapet à boule à brides



Body: Ductile iron EN-GJS-500-7 (GGG50)  
Ball: Carbon steel with NBR  
Bolts: Stainless steel A4  
Connection: Flanged PN10  
Working pressure: 10 bar  
Working temperature: -10°C / +80°C

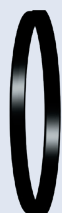
Corps : Fonte ductile EN-GJS-500-7 (GGG50)  
Boule : Acier carbone avec revêtement NBR  
Boulonnerie : Inox A4  
Raccordement : A brides PN10  
Pression de service : 10 bar  
Température de service : -10°C / +80°C

| DN  |      | L (mm) | Kg  | Ref.         |
|-----|------|--------|-----|--------------|
| mm  | inch |        |     |              |
| 450 | 18"  | 1000   | 422 | CBL4200-0450 |
| 500 | 20"  | 1150   | 538 | CBL4200-0500 |
| 600 | 24"  | 1350   | 976 | CBL4200-0600 |

## SPARE PARTS | PIÈCES DE RECHANGE

## CBL4240JOINT

**Bonnet gasket for CBL4240 I CBL4230 ball check valve**  
Joint de chapeau pour clapet CBL4240 I CBL4230



Material: NBR

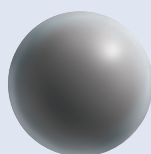
Matière : NBR

| DN  |        | Ref.              | DN  |      | Ref.              |
|-----|--------|-------------------|-----|------|-------------------|
| mm  | inch   |                   | mm  | inch |                   |
| 40  | 1" 1/2 | CBL4240JOINT-0040 | 150 | 6"   | CBL4240JOINT-0150 |
| 50  | 2"     | CBL4240JOINT-0050 | 200 | 8"   | CBL4240JOINT-0200 |
| 65  | 2" 1/2 | CBL4240JOINT-0065 | 250 | 10"  | CBL4240JOINT-0250 |
| 80  | 3"     | CBL4240JOINT-0080 | 300 | 12"  | CBL4240JOINT-0300 |
| 100 | 4"     | CBL4240JOINT-0100 | 350 | 14"  | CBL4240JOINT-0350 |
| 125 | 5"     | CBL4240JOINT-0125 | 400 | 16"  | CBL4240JOINT-0400 |

DN450 up to 600 on request / DN450 au 600 sur demande

## CBL4240BOU

**NBR ball for CBL4240 I CBL4230 ball check valve**  
Boule nitrile pour clapet CBL4240 I CBL4230



NBR-coated self-cleaning steel ball

Boule autonettoyante revêtue nitrile

| DN  |        | Ref.              | DN  |      | Ref.              |
|-----|--------|-------------------|-----|------|-------------------|
| mm  | inch   |                   | mm  | inch |                   |
| 40  | 1" 1/2 | CBL4240BOU-NI0040 | 150 | 6"   | CBL4240BOU-NI0150 |
| 50  | 2"     | CBL4240BOU-NI0050 | 200 | 8"   | CBL4240BOU-NI0200 |
| 65  | 2" 1/2 | CBL4240BOU-NI0065 | 250 | 10"  | CBL4240BOU-NI0250 |
| 80  | 3"     | CBL4240BOU-NI0080 | 300 | 12"  | CBL4240BOU-NI0300 |
| 100 | 4"     | CBL4240BOU-NI0100 | 350 | 14"  | CBL4240BOU-NI0350 |
| 125 | 5"     | CBL4240BOU-NI0125 | 400 | 16"  | CBL4240BOU-NI0400 |

DN450 up to 600 on request / DN450 au 600 sur demande

## CBL4230

**Flanged ductile iron ball check valve - ASA150**  
Clapet à boule à brides en fonte ductile - ASA150



Body and cover: Ductile iron EN-GJS-500-7 (GGG50)

Ball: NBR

Bolts: Stainless steel A2

O-ring: NBR

Connection: Flanged ASA150

Working pressure: 10 bar

Working temperature: -10°C / +80°C

Corps et chapeau : Fonte ductile EN-GJS-500-7 (GGG50)

Boule : Fonte revêtue nitrile

Boulonnerie : Inox A2

Joint de chapeau : Nitrile

Raccordement : À brides ASA150

Pression de service : 10 bar

Température de service : -10°C / +80°C

| DN  |        | L (mm) | Kg    | Ref.         |
|-----|--------|--------|-------|--------------|
| mm  | inch   |        |       |              |
| 40  | 1" 1/2 | 180    | 5,6   | CBL4230-0040 |
| 50  | 2"     | 200    | 7,5   | CBL4230-0050 |
| 65  | 2" 1/2 | 240    | 10,1  | CBL4230-0065 |
| 80  | 3"     | 260    | 12,8  | CBL4230-0080 |
| 100 | 4"     | 300    | 18,4  | CBL4230-0100 |
| 125 | 5"     | 350    | 30,2  | CBL4230-0125 |
| 150 | 6"     | 400    | 38,5  | CBL4230-0150 |
| 200 | 8"     | 500    | 76    | CBL4230-0200 |
| 250 | 10"    | 600    | 125,3 | CBL4230-0250 |



**Lifting hook on the bonnet for easy handling**

**Can be mounted horizontally or vertically but with flow going down to up**

Anneau de levage sur le chapeau équilibrant le clapet pour une manutention aisée lors de la pose de la conduite

Montage horizontal ou vertical avec fluide ascendant

## CBL420G

**Flanged ball check valve for abrasive application - PN10**  
Clapet à boule application abrasive - PN10



Body and cover: Ductile iron EN-GJS-400-15 (GGG40) with anti-abrasive rubber lining

Ball: Polyurethane

Bolts: Stainless steel A2

Connection: Flanged PN10

Maximum working pressure: 10 bar

Working temperature: -10°C / +80°C

Corps et chapeau : Fonte ductile EN-GJS-400-15 (GGG40) revêtue de gomme

naturelle anti-abrasive

Boule : Polyuréthane

Boulonnerie : Inox A2

Raccordement : À brides PN10

Pression de service max: 10 bar

Température de service : -10°C / +80°C

| DN  |      | L (mm) | Kg   | Ref.         |
|-----|------|--------|------|--------------|
| mm  | inch |        |      |              |
| 100 | 4"   | 300    | 21,5 | CBL420G-0100 |
| 125 | 5"   | 350    | 36   | CBL420G-0125 |
| 150 | 6"   | 400    | 45   | CBL420G-0150 |
| 200 | 8"   | 500    | 80   | CBL420G-0200 |
| 250 | 10"  | 600    | 120  | CBL420G-0250 |
| 300 | 12"  | 700    | 180  | CBL420G-0300 |
| 350 | 14"  | 800    | 270  | CBL420G-0350 |
| 400 | 16"  | 900    | 440  | CBL420G-0400 |
| 500 | 20"  | 1100   | 680  | CBL420G-0500 |



**Abrasive application**

Application abrasive



## CBL6149

### BSP female ball check valve Clapet à boule femelle BSP



Body: Stamped stainless steel 316  
Ball: Aluminium FPM coated  
O-ring: FPM  
Connection: BSP female  
Working pressure: 16 bar  
Working temperature: +150°C

Corps : Inox 316 embouti  
Boule : Aluminium revêtu FPM  
Joint : FPM  
Raccordement : Femelle BSP  
Pression de service : 16 bar  
Température de service : +150°C

| DN |        | L (mm) | Kg   | Ref.         |
|----|--------|--------|------|--------------|
| mm | inch   |        |      |              |
| 32 | 1" 1/4 | 175    | 1,1  | CBL6149-0032 |
| 40 | 1" 1/2 | 190    | 1,18 | CBL6149-0040 |
| 50 | 2"     | 210    | 1,61 | CBL6149-0050 |

## CBL6240

### Flanged stainless steel ball check valve Clapet à boule à brides inox



Body: DN50-200: Stainless steel 316  
Ball: Aluminium + NBR  
O-ring: NBR  
Connection: Flanged PN10 or PN16  
Working pressure: 16 bar until DN150  
10 bar from DN200  
Working temperature: -10°C / +80°C

Corps : DN50-200 : Inox 316  
Boule : Aluminium + Nitrile  
Joint : Nitrile  
Raccordement : A brides PN10 ou PN16  
Pression de service : 16 bar jusqu'au DN150  
10 bar à partir du DN200  
Température de service : -10°C / +80°C

| DN  |        | L (mm) | Kg   | Ref.         |
|-----|--------|--------|------|--------------|
| mm  | inch   |        |      |              |
| 50  | 2"     | 200    | 8,5  | CBL6240-0050 |
| 65  | 2" 1/2 | 240    | 12,5 | CBL6240-0065 |
| 80  | 3"     | 260    | 15,6 | CBL6240-0080 |
| 100 | 4"     | 300    | 21   | CBL6240-0100 |
| 125 | 5"     | 350    | 30   | CBL6240-0125 |
| 150 | 6"     | 400    | 41   | CBL6240-0150 |
| 200 | 8"     | 500    | 69   | CBL6240-0200 |

CE



# COATED SWING CHECK VALVES WITH INCLINED SEAT CLAPETS À BATTANT REVÊTU AVEC SIÈGE INCLINÉ



**OPERATES SILENTLY, EASY TO MAINTAIN  
RECOMMENDED FOR PUMP PROTECTION!**

Silencieux, maintenance aisée, idéal pour la protection des pompes !



## Robust construction

- Ductile iron body EN-GJS-500-7 (GGG50)
- NBR gasket
- Rustproof stainless steel bolting
- Interior and exterior coating in epoxy paint, thickness 250µm
- Does not require a counterweight

## Construction robuste

- Corps en fonte ductile EN-GJS-500-7 (GGG50)
- Joint d'étanchéité nitrile (NBR)
- Boulonnerie anti-rouille en acier inoxydable
- Revêtement intérieur et extérieur en peinture époxy 250µm
- Ne nécessite pas de contrepoids

- ✓ Recommended for wastewater (contaminated fluids)
- ✓ Low operating noise
- ✓ Disc fully clears the flow path when open, resulting in low pressure drop
- ✓ Drain and impurity discharge plug (standard equipment): Allows partial opening of the valve if the backpressure exceeds the opening pressure, or in the event of clogging in the closed position
- ✓ Mounting on horizontal or vertical piping with upward flow
- ✓ Easy maintenance thanks to its simple construction: removable bonnet and ergonomic design
- ✓ Idéal pour l'assainissement (fluides chargés)
- ✓ Bruit d'utilisation réduit
- ✓ Effacement du battant en position d'ouverture, faibles pertes de charge
- ✓ Bouchon de vidange et d'évacuation des impuretés (équipement standard) : permet l'ouverture partielle du clapet en cas de nécessité lorsque la pression de retour est supérieure à la pression d'ouverture, ou en cas de colmatage en position fermée
- ✓ Montage sur tuyauterie horizontale ou verticale courant ascendant
- ✓ Maintenance aisée grâce à sa construction simple : chapeau démontable, design ergonomique



**STANDARDS:** Hydraulic tests carried out according to EN1226-1, DIN3230 and ISO5208 (body: 24 bar / seat: 17.6 bar)

**TESTS ET NORMES:** Essais hydrauliques réalisés suivant les normes EN12266-1, DIN3230 et ISO5208 (essais corps : 24 bar / essais siège 17.6 bar)

## CBI4248-NI / CBI4248-EA

Coated swing check valve with inclined seat - PN10/16  
Clapet à battant revêtu à siège incliné - PN10/16



Body & cover: Ductile iron EN-GJS-500 (GGG50)  
Seat: NBR or EPDM ACS  
Flap: Ductile iron EN-GJS-500 (GGG50) NBR or EPDM coated

Bolts and nuts: Stainless steel 316

Connection: Flanged PN10/16

Working temperature:

NBR: -20°C / +85°C

EPDM ACS: -20 / +110°C

Pression de service: 16 bar

Corps & chapeau : Fonte ductile EN-GJS-500 (GGG50)

Siège : NBR ou EPDM ACS

Clapet: Ductile iron EN-GJS-500 (GGG50) revêtu NBR ou EPDM

Visserie : Inox 316

Raccordement : A brides PN10/16

Température de service :

NBR: -20°C / +85°C

EPDM ACS: -20 / +110°C

Pression de service : 16 bar

| DN  |        | T<br>L (mm) | Kg   | NBR            | EPDM (ACS)     |
|-----|--------|-------------|------|----------------|----------------|
| mm  | inch   |             |      | Ref.           | Ref.           |
| 50  | 2"     | 200         | 10,9 | CBI4248-NI0050 | CBI4248-EA0050 |
| 65  | 2 1/2" | 240         | 14,5 | CBI4248-NI0065 | CBI4248-EA0065 |
| 80  | 3"     | 260         | 16,5 | CBI4248-NI0080 | CBI4248-EA0080 |
| 100 | 4"     | 300         | 24,5 | CBI4248-NI0100 | CBI4248-EA0100 |
| 125 | 5"     | 350         | 37   | CBI4248-NI0125 | CBI4248-EA0125 |
| 150 | 6"     | 400         | 48   | CBI4248-NI0150 | CBI4248-EA0150 |
| 200 | 8"     | 450         | 86   | CBI4248-NI0200 | CBI4248-EA0200 |
| 250 | 10"    | 600         | 110  | CBI4248-NI0250 | CBI4248-EA0250 |
| 300 | 12"    | 700         | 173  | CBI4248-NI0300 | CBI4248-EA0300 |
| 350 | 14"    | 800         | 238  | CBI4248-NI0350 | CBI4248-EA0350 |
| 400 | 16"    | 900         | 325  | CBI4248-NI0400 | CBI4248-EA0400 |
| 450 | 18"    | 1000        | 440  | CBI4248-NI0450 | CBI4248-EA0450 |
| 500 | 20"    | 1100        | 565  | CBI4248-NI0500 | CBI4248-EA0500 |



## CB1102

**BSP female brass swing check valve**  
Clapet de retenue à battant laiton femelle BSP



Body: Brass  
Disc: Brass  
Stem: Brass  
Seal:  
3/8" to 2" Metal / EPDM  
2"1/2 to 4" Metal / NBR  
Connection: BSP female / female  
Maximum working pressure: 10 bar  
Working temperature: 0°C / +60°C

Corps: Laiton  
Battant: Laiton  
Axe: Laiton  
Etanchéité:  
Du 3/8" au 2" Metal / EPDM  
Du 2"1/2 au 4" Metal / NBR  
Raccordement: Femelle / femelle BSP  
Pression de service max: 10 bar  
Température de service: 0°C / +60°C

| DN  |       | L (mm) | Kg    | Ref.        |
|-----|-------|--------|-------|-------------|
| mm  | inch  |        |       |             |
| 10  | 3/8"  | 47     | 0,182 | CB1102-0010 |
| 15  | 1/2"  | 47     | 0,158 | CB1102-0015 |
| 20  | 3/4"  | 53     | 0,231 | CB1102-0020 |
| 25  | 1"    | 63     | 0,370 | CB1102-0025 |
| 32  | 1"1/4 | 74     | 0,554 | CB1102-0032 |
| 40  | 1"1/2 | 87     | 0,726 | CB1102-0040 |
| 50  | 2"    | 97     | 1,268 | CB1102-0050 |
| 65  | 2"1/2 | 116    | 1,579 | CB1102-0065 |
| 80  | 3"    | 135    | 2,253 | CB1102-0080 |
| 100 | 4"    | 164    | 3,837 | CB1102-0100 |

## CB2143

**BSP female bronze swing check valve**  
Clapet de retenue à battant bronze femelle BSP

WHILE STOCKS LAST  
JUSQU'À ÉPUISEMENT DES STOCKS



Body: Bronze  
Disc: Bronze  
Seal: Nitrile  
Connection: BSP female / female  
Working pressure: 20 bar  
Maximum Working temperature: +80°C

Corps: Bronze  
Battant: Bronze  
Etanchéité: Nitrile  
Raccordement: Femelle / femelle BSP  
Pression de service: 20 bar  
Température de service max: +80°C

| DN |       | L (mm) | Kg   | Ref.                    |
|----|-------|--------|------|-------------------------|
| mm | inch  |        |      |                         |
| 15 | 1/2"  | 49     | 0,16 | see   voir CB2143W-0015 |
| 20 | 3/4"  | 58     | 0,23 | CB2143-0020             |
| 25 | 1"    | 68     | 0,27 | CB2143-0025             |
| 32 | 1"1/4 | 76     | 0,55 | CB2143-0032             |
| 50 | 2"    | 103    | 1,13 | see   voir CB2143W-0050 |

## CB2143W

**BSP female bronze swing check valve - WRAS**  
Clapet de retenue à battant bronze femelle BSP - WRAS



Body: Bronze  
Disc: NBR  
Connection: BSP female / female  
Working pressure: 20 bar  
Maximum Working temperature: -10°C / + 100°C

Corps: Bronze  
Clapet: Nitrile  
Raccordement: Femelle / femelle BSP  
Pression de service: 20 bar  
Température de service max: -10°C / + 100°C



| DN |       | L (mm) | Kg   | Ref.         |
|----|-------|--------|------|--------------|
| mm | inch  |        |      |              |
| 15 | 1/2"  | 58     | 0,25 | CB2143W-0015 |
| 20 | 3/4"  | 66     | 0,38 | CB2143W-0020 |
| 25 | 1"    | 76     | 0,60 | CB2143W-0025 |
| 32 | 1"1/4 | 88     | 0,87 | CB2143W-0032 |
| 40 | 1"1/2 | 96     | 1,15 | CB2143W-0040 |
| 50 | 2"    | 112    | 1,79 | CB2143W-0050 |

## CB6140

**BSP female stainless steel swing check valve**  
Clapet de retenue à battant inox femelle BSP



Body: Stainless steel CF8M  
Disc: Stainless steel 304  
Stem: Stainless steel 304  
Seal: Metal/metal  
Connection: BSP female / female  
Maximum working pressure: 16 bar  
Working temperature: -20°C / +200°C

Corps: Inox CF8M  
Battant: Inox 304  
Axe: Inox 304  
Etanchéité: Métal/métal  
Raccordement: Femelle / femelle BSP  
Pression de service max: 16 bar  
Température de service: -20°C / +200°C

| DN |       | L (mm) | Kg    | Ref.        |
|----|-------|--------|-------|-------------|
| mm | inch  |        |       |             |
| 8  | 1/4"  | 65     | 0,264 | CB6140-0008 |
| 10 | 3/8"  | 65     | 0,280 | CB6140-0010 |
| 15 | 1/2"  | 65     | 0,320 | CB6140-0015 |
| 20 | 3/4"  | 80     | 0,530 | CB6140-0020 |
| 25 | 1"    | 90     | 0,750 | CB6140-0025 |
| 32 | 1"1/4 | 103    | 1,030 | CB6140-0032 |
| 40 | 1"1/2 | 120    | 1,590 | CB6140-0040 |
| 50 | 2"    | 141    | 2,310 | CB6140-0050 |

## CB3240PN10 / CB3240PN16

Flanged swing check valve  
Clapet à battant à brides

WHILE STOCKS LAST  
JUSQU'À ÉPUISEMENT DES STOCKS



Body: Cast iron EN-GJL-250 (GG25)  
Disc: Cast iron EN-GJL-250 (GG25)  
Seal: Brass / brass  
Connection: Flanged PN10 and PN16  
Working pressure: 10 bar - 16 bar  
Maximum Working temperature: +150°C

Corps : Fonte EN-GJL-250 (GG25)  
Battant : Fonte EN-GJL-250 (GG25)  
Étanchéité : Laiton / laiton  
Raccordement : À brides PN10 et PN16  
Pression de service : 10 bar - 16 bar  
Température de service max : +150°C

| DN  |       | L (mm) | Kg  | Ref.                               |
|-----|-------|--------|-----|------------------------------------|
| mm  | inch  |        |     |                                    |
| 40  | 1 1/2 | 180    | 9   | CB3240PN16-0040                    |
| 50  | 2"    | 200    | 12  | See   Voir<br>CB4248A-MM0050       |
| 65  | 2 1/2 | 240    | 16  | CB3240PN16-0065                    |
| 80  | 3"    | 260    | 20  | See   Voir<br>CB4248A-MM0080       |
| 100 | 4"    | 300    | 27  | CB3240PN16-0100                    |
| 125 | 5"    | 350    | 42  | CB3240PN16-0125                    |
| 150 | 6"    | 400    | 58  | CB3240PN16-0150                    |
| 200 | 8"    | 500    | 93  | CB3240PN10-0200<br>CB3240PN16-0200 |
| 250 | 10"   | 600    | 155 | CB3240PN10-0250<br>CB3240PN16-0250 |
| 300 | 12"   | 700    | 221 | CB3240PN10-0300<br>CB3240PN16-0300 |
| 350 | 14"   | 800    | 306 | See   Voir<br>CB4248A-MM0350       |
| 400 | 16"   | 900    | 430 | CB3240PN16-0400                    |

## CB4248A-MM

Flanged swing check valve  
Clapet à battant à brides



Body: Ductile iron EN-GJS-500-7 (GGG50)  
Disc: Ductile iron EN-GJS-500-7 (GGG50) + brass  
Seal: Brass / brass  
Connection: Flanged PN10/PN16  
Working pressure: 16 bar  
Maximum Working temperature: 0 / +200°C

Corps : Fonte ductile EN-GJS-500-7 (GGG50)  
Battant : Fonte ductile EN-GJS-500-7 (GGG50) + laiton  
Étanchéité : Laiton / laiton  
Raccordement : À brides PN10/PN16  
Pression de service : 16 bar  
Température de service max : 0 / +200°C

| DN  |       | L (mm) | Kg   | Ref.           |
|-----|-------|--------|------|----------------|
| mm  | inch  |        |      |                |
| 40  | 1 1/2 | 180    | 8    | CB4248A-MM0040 |
| 50  | 2"    | 200    | 11   | CB4248A-MM0050 |
| 65  | 2 1/2 | 240    | 15   | CB4248A-MM0065 |
| 80  | 3"    | 260    | 19,4 | CB4248A-MM0080 |
| 100 | 4"    | 300    | 25,8 | CB4248A-MM0100 |
| 125 | 5"    | 350    | 36   | CB4248A-MM0125 |
| 150 | 6"    | 400    | 48   | CB4248A-MM0150 |
| 200 | 8"    | 500    | 82   | CB4248A-MM0200 |
| 250 | 10"   | 600    | 122  | CB4248A-MM0250 |
| 300 | 12"   | 700    | 167  | CB4248A-MM0300 |
| 350 | 14"   | 800    | 255  | CB4248A-MM0350 |
| 400 | 16"   | 900    | 313  | CB4248A-MM0400 |

## CB3241PN10 / CB3241PN16

Flanged swing check valve  
Clapet à battant à brides

WHILE STOCKS LAST  
JUSQU'À ÉPUISEMENT DES STOCKS



Body: Cast iron EN-GJL-250 (GG25)  
Disc: Cast iron EN-GJL-250 (GG25)  
Seal: EPDM  
Connection: Flanged PN10 and PN16  
Maximum working pressure: 16 bar  
Maximum working temperature:  
- 10°C / +80°C

Corps : Fonte EN-GJL-250 (GG25)  
Battants : Fonte EN-GJL-250 (GG25)  
Étanchéité : EPDM  
Raccordement : À brides PN10 et PN16  
Pression de service max : 16 bar  
Température de service max :  
-10°C / +80°C

| DN  |       | L (mm) | Kg  | Ref.                               |
|-----|-------|--------|-----|------------------------------------|
| mm  | inch  |        |     |                                    |
| 40  | 1 1/2 | 180    | 9   | CB3241PN16-0040                    |
| 50  | 2"    | 200    | 12  | CB3241PN16-0050                    |
| 65  | 2 1/2 | 240    | 16  | CB3241PN16-0065                    |
| 80  | 3"    | 260    | 20  | See   Voir<br>CB4248A-EP0080       |
| 100 | 4"    | 300    | 27  | See   Voir<br>CB4248A-EP0100       |
| 125 | 5"    | 350    | 42  | CB3241PN16-0125                    |
| 150 | 6"    | 400    | 58  | CB3241PN16-0150                    |
| 200 | 8"    | 500    | 93  | CB3241PN16-0200<br>CB3241PN10-0200 |
| 250 | 10"   | 600    | 155 | CB3241PN16-0250                    |
| 300 | 12"   | 700    | 221 | CB3241PN16-0300                    |
| 350 | 14"   | 800    | 306 | CB3241PN16-0350                    |
| 400 | 16"   | 900    | 430 | CB3241PN16-0400                    |



## CB4248A-EP

### Flanged type swing check valve PN10/16 Clapet à battant à brides PN10/16



Body: Ductile iron EN-GJS-500-7 (GGG50)  
Disc: Ductile iron EN-GJS-500-7 (GGG50) + EPDM seat  
Seal: Brass / EPDM  
Connection: Flanged PN10/PN16  
Maximum working pressure: 16 bar  
Maximum working temperature: -10°C / +110°C

Corps : Fonte ductile EN-GJS-500-7 (GGG50)  
Battants : Fonte ductile EN-GJS-500-7 (GGG50) + joint EPDM  
Étanchéité : Laiton / EPDM  
Raccordement : À brides PN10/PN16  
Pression de service max : 16 bar  
Température de service max : -10°C / +110°C

| DN  |       | L (mm) | Kg   | Ref.           |
|-----|-------|--------|------|----------------|
| mm  | inch  |        |      |                |
| 40  | 1 1/2 | 180    | 8    | CB4248A-EP0040 |
| 50  | 2"    | 200    | 11   | CB4248A-EP0050 |
| 65  | 2 1/2 | 240    | 15   | CB4248A-EP0065 |
| 80  | 3"    | 260    | 19,4 | CB4248A-EP0080 |
| 100 | 4"    | 300    | 25,8 | CB4248A-EP0100 |
| 125 | 5"    | 350    | 36   | CB4248A-EP0125 |
| 150 | 6"    | 400    | 48   | CB4248A-EP0150 |
| 200 | 8"    | 500    | 82   | CB4248A-EP0200 |
| 250 | 10"   | 600    | 122  | CB4248A-EP0250 |
| 300 | 12"   | 700    | 167  | CB4248A-EP0300 |
| 350 | 14"   | 800    | 255  | CB4248A-EP0350 |
| 400 | 16"   | 900    | 313  | CB4248A-EP0400 |

## CB4251 / CB4261

### Flanged PN25 swing check valve / PN40 - high pressure Clapet à battant à brides PN25 / PN40 - haute pression



Body & cover: Ductile iron EN-GJS-400-15 (GGG40)  
Seat: Copper alloy  
Shaft: Stainless steel 420  
Bolts and nuts: Carbon steel galvanized 8.8  
Connection CB4251: Flanged PN25  
Connection CB4261: Flanged PN40  
Working temperature: -10°C / +80°C

Corps & chapeau : Fonte EN-GJS-400-15 (GGG40)  
Siège : Alliage cuivreux  
Axe de manoeuvre : Inox 420  
Visserie : Acier galvanisé CLASSE 8.8  
Raccordement CB4251 : À brides PN25  
Raccordement CB4261 : À brides PN40  
Température de service : -10°C / +80°C

|                                     |     |        |                                                                                             | PN25 |             | PN40 |             |
|-------------------------------------|-----|--------|---------------------------------------------------------------------------------------------|------|-------------|------|-------------|
|                                     | DN  |        | <br>L (mm) | Kg   | Ref.        | Kg   | Ref.        |
|                                     | mm  | inch   |                                                                                             |      |             |      |             |
| Disc carbon steel with EPDM coating | 40  | 1" 1/2 | 180                                                                                         | 10   | CB4251-0040 | 11   | CB4261-0040 |
|                                     | 50  | 2"     | 200                                                                                         | 13   | CB4251-0050 | 14   | CB4261-0050 |
|                                     | 65  | 2" 1/2 | 240                                                                                         | 21   | CB4251-0065 | 23   | CB4261-0065 |
|                                     | 80  | 3"     | 260                                                                                         | 22   | CB4251-0080 | 24   | CB4261-0080 |
|                                     | 100 | 4"     | 300                                                                                         | 25   | CB4251-0100 | 28   | CB4261-0100 |
|                                     | 125 | 5"     | 350                                                                                         | 40   | CB4251-0125 | 43   | CB4261-0125 |
|                                     | 150 | 6"     | 400                                                                                         | 52   | CB4251-0150 | 56   | CB4261-0150 |
|                                     | 200 | 8"     | 450                                                                                         | 149  | CB4251-0200 | 162  | CB4261-0200 |
|                                     | 250 | 10"    | 600                                                                                         | 182  | CB4251-0250 | 198  | CB4261-0250 |
|                                     | 300 | 12"    | 700                                                                                         | 316  | CB4251-0300 | 344  | CB4261-0300 |
| Battant acier carbone revêtu EPDM   | 350 | 14"    | 800                                                                                         | 432  | CB4251-0350 | 472  | CB4261-0350 |
|                                     | 400 | 16"    | 900                                                                                         | 550  | CB4251-0400 | 600  | CB4261-0400 |
| Disc                                | 450 | 18"    | 1000                                                                                        | 670  | CB4251-0450 | 755  | CB4261-0450 |
|                                     | 500 | 20"    | 1100                                                                                        | 880  | CB4251-0500 | 960  | CB4261-0500 |
|                                     | 600 | 24"    | 1300                                                                                        | 1102 | CB4251-0600 | 1200 | CB4261-0600 |
|                                     | 700 | 28"    | 1500                                                                                        | 1800 | CB4251-0700 | 1800 | CB4261-0700 |
|                                     | 800 | 32"    | 1700                                                                                        | 2250 | CB4251-0800 | 2250 | CB4261-0800 |
| Battant GGG40                       |     |        |                                                                                             |      |             |      |             |

## CB4248AC-EP / MM / CB4208-48 / CB4255-65

Flanged swing check valve with counterweight  
Clapet à battant à brides à contrepoids

## CB4248AC:

Body & cover: Ductile iron EN-GJS-500-7 (GGG50)  
Disc: Ductile iron EN-GJS-500-7 (GGG50) + EPDM or brass

Seal: Brass/EPDM or brass/brass

Shaft: Stainless steel 410

Bolts and nuts: Stainless steel 304

Lever: Carbon steel

Counterweight: Ductile iron EN-GJS-500-7 (GGG50)

Connection: Flanged PN10/PN16

Corps & chapeau : Fonte ductile EN-GJS-500-7 (GGG50)

Battant: Fonte ductile EN-GJS-500-7 (GGG50) + EPDM ou laiton

Étanchéité : Laiton / EPDM ou laiton / laiton

Axe de manœuvre : Inox 410

Visserie : Inox 304

Lever : Acier carbone

Contrepoids : Fonte ductile EN-GJS-500-7 (GGG50)

Raccordement : À brides PN10/PN16



**Contact us for any vertical position requests:  
please specify the position of the check valve  
(horizontally as standard) as well as the  
upstream / downstream environment**

**Contactez-nous pour toute demande de position verticale,  
nous préciser la position du clapet (horizontal en standard)  
ainsi que l'environnement amont / aval**

## CB4255 | CB4265:

Body & cover: Ductile iron EN-GJS-400-15 (GGG40)

Seat: Copper alloy

Shaft: Stainless steel 420

Bolts and nuts: Carbon steel galvanized 8.8

Lever: Carbon steel

Counterweight: Fonte EN-GJS-400-15 (GGG40)

Connection: Flanged (PN see chart)

Working temperature: -10°C / +80°C

Corps & chapeau : Fonte ductile EN-GJS-400-15 (GGG40)

Siège : Alliage cuivreux

Axe de manœuvre : Inox 420

Visserie : Acier galvanisé Classe 8.8

Lever : Acier carbone

Contrepoids : Fonte ductile EN-GJS-400-15 (GGG40)

Raccordement : À brides (PN voir tableau)

Température de service : -10°C / +80°C

|     |        |        |     | EPDM (-10°C +110°C) |  | MM (0°C +200°C) |  |
|-----|--------|--------|-----|---------------------|--|-----------------|--|
| DN  |        | L (mm) | Kg  | Ref.                |  | Ref.            |  |
| mm  | inch   |        |     |                     |  |                 |  |
| 40  | 1" 1/2 | 180    | 10  | CB4248AC-EP0040     |  | CB4248AC-MM0040 |  |
| 50  | 2"     | 200    | 15  | CB4248AC-EP0050     |  | CB4248AC-MM0050 |  |
| 65  | 2" 1/2 | 240    | 20  | CB4248AC-EP0065     |  | CB4248AC-MM0065 |  |
| 80  | 3"     | 260    | 21  | CB4248AC-EP0080     |  | CB4248AC-MM0080 |  |
| 100 | 4"     | 300    | 33  | CB4248AC-EP0100     |  | CB4248AC-MM0100 |  |
| 125 | 5"     | 350    | 55  | CB4248AC-EP0125     |  | CB4248AC-MM0125 |  |
| 150 | 6"     | 400    | 75  | CB4248AC-EP0150     |  | CB4248AC-MM0150 |  |
| 200 | 8"     | 500    | 126 | CB4248AC-EP0200     |  | CB4248AC-MM0200 |  |
| 250 | 10"    | 600    | 160 | CB4248AC-EP0250     |  | CB4248AC-MM0250 |  |
| 300 | 12"    | 700    | 240 | CB4248AC-EP0300     |  | CB4248AC-MM0300 |  |
| 350 | 14"    | 800    | 315 | CB4248AC-EP0350     |  | CB4248AC-MM0350 |  |
| 400 | 16"    | 900    | 530 | CB4248AC-EP0400     |  | CB4248AC-MM0400 |  |

## Version &gt; DN450 : Body/Cover/Disc | Corps / Chapeau / Battant : GGG40

|      |     |      |      | PN10        |  | PN16        |  |
|------|-----|------|------|-------------|--|-------------|--|
|      |     |      |      | Ref.        |  | Ref.        |  |
| 450  | 18" | 1000 | 650  | CB4208-0450 |  | CB4248-0450 |  |
| 500  | 20" | 1100 | 830  | CB4208-0500 |  | CB4248-0500 |  |
| 600  | 24" | 1300 | 1050 | CB4208-0600 |  | CB4248-0600 |  |
| 700  | 28" | 1500 | 1600 | CB4208-0700 |  | CB4248-0700 |  |
| 800  | 32" | 1700 | 2150 | CB4208-0800 |  | CB4248-0800 |  |
| 1000 | 40" | 2100 | 3680 | CB4208-1000 |  | CB4248-1000 |  |

|                                     |      |        |      | PN25        |      | PN40        |      |
|-------------------------------------|------|--------|------|-------------|------|-------------|------|
|                                     |      |        |      | Ref.        |      | Ref.        |      |
| DN                                  |      | L (mm) | Kg   | Ref.        |      | Ref.        |      |
| mm                                  | inch |        |      |             |      |             |      |
| Carbon steel disc with EPDM coating | 40   | 1" 1/2 | 180  | CB4255-0040 | 12   | CB4265-0040 | 16   |
|                                     | 50   | 2"     | 200  | CB4255-0050 | 17   | CB4265-0050 | 22   |
|                                     | 65   | 2" 1/2 | 240  | CB4255-0065 | 22   | CB4265-0065 | 30   |
|                                     | 80   | 3"     | 260  | CB4255-0080 | 25   | CB4265-0080 | 33   |
|                                     | 100  | 4"     | 300  | CB4255-0100 | 35   | CB4265-0010 | 40   |
|                                     | 125  | 5"     | 350  | CB4255-0125 | 58   | CB4265-0125 | 63   |
| Battant acier carbone revêtu EPDM   | 150  | 6"     | 400  | CB4255-0150 | 78   | CB4265-0150 | 85   |
|                                     | 200  | 8"     | 500  | CB4255-0200 | 149  | CB4265-0200 | 176  |
|                                     | 250  | 10"    | 600  | CB4255-0250 | 170  | CB4265-0250 | 200  |
|                                     | 300  | 12"    | 700  | CB4255-0300 | 390  | CB4265-0300 | 396  |
|                                     | 350  | 14"    | 800  | CB4255-0350 | 435  | CB4265-0350 | 475  |
|                                     | 400  | 16"    | 900  | CB4255-0400 | 650  | CB4265-0400 | 656  |
| Disc                                | 450  | 18"    | 1000 | CB4258-0450 | 680  | CB4268-0450 | 760  |
|                                     | 500  | 20"    | 1100 | CB4258-0500 | 890  | CB4268-0500 | 966  |
|                                     | 600  | 24"    | 1300 | CB4258-0600 | 1150 | CB4268-0600 | 1250 |
|                                     | 700  | 28"    | 1500 | CB4258-0700 | 1680 | CB4268-0700 | -    |
| Battant GGG40                       | 800  | 32"    | 1700 | CB4258-0800 | 2300 | CB4268-0800 | -    |
|                                     | 1000 | 40"    | 2100 | CB4258-1000 | 3150 | CB4268-1000 | -    |



### CB5440

Steel wafer swing check valve  
Clapet sandwich entre brides acier



Body and disc: Steel  
Seal: EPDM  
Connection:  
Between flanges PN10/16 up to DN150  
Between flanges PN16 from DN200  
Working pressure: 16 bar  
Maximum Working temperature: 0°C / +135°C

Corps et battant : Acier zingué  
Etanchéité : EPDM  
Raccordement :  
Entre-brides PN10/16 jusqu'au DN150  
Entre-brides PN16 à partir du DN200  
Pression de service : 16 bar  
Température de service max : 0°C / +135°C

| DN  |        | <br>L (mm) | Kg   | Ref.                                                                                            |
|-----|--------|-----------------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------------------|
| mm  | inch   |                                                                                               |      |                                                                                                 |
| 40  | 1" 1/2 | 16                                                                                            | 0,74 | CB5440-0040                                                                                     |
| 50  | 2"     | 16                                                                                            | 0,97 | CB5440-0050                                                                                     |
| 65  | 2" 1/2 | 16                                                                                            | 1,34 | CB5440-0065                                                                                     |
| 80  | 3"     | 16                                                                                            | 1,6  | CB5440-0080                                                                                     |
| 100 | 4"     | 16                                                                                            | 1,99 | CB5440-0100                                                                                     |
| 125 | 5"     | 16                                                                                            | 2,77 | CB5440-0125                                                                                     |
| 150 | 6"     | 19                                                                                            | 4,06 | CB5440-0150                                                                                     |
| 200 | 8"     | 22                                                                                            | 7,11 | CB5440-0200                                                                                     |
| 250 | 10"    | 32                                                                                            | 14,9 | CB5440-0250                                                                                     |
| 300 | 12"    | 38                                                                                            | 21,8 | CB5440-0300                                                                                     |
| 350 | 14"    | 38                                                                                            | 30,1 | CB5440-0350                                                                                     |
| 400 | 16"    | 44                                                                                            | 42,5 | CB5440-0400                                                                                     |
| 450 | 18"    | 50                                                                                            | 68   | CB5440-0450  |
| 500 | 20"    | 56                                                                                            | 93   | CB5440-0500  |
| 600 | 24"    | 62                                                                                            | 139  | CB5440-0600  |

### CB6441

Stainless steel wafer swing check valve  
Clapet sandwich entre brides inox



Body and disc: Stainless steel 316  
Seal: FPM  
Connection:  
Between flanges PN10/16 up to DN150  
Between flanges PN16 from DN200  
Working pressure: 16 bar  
Maximum Working temperature: -10°C / +170°C

Corps et battant : Inox 316  
Etanchéité : FPM  
Raccordement :  
Entre-brides PN10/16 jusqu'au DN150  
Entre-brides PN16 à partir du DN200  
Pression de service : 16 bar  
Température de service max : -10°C / +170°C

CE

| DN  |        | <br>L (mm) | Kg   | Ref.                                                                                              |
|-----|--------|-----------------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------------------|
| mm  | inch   |                                                                                               |      |                                                                                                   |
| 40  | 1" 1/2 | 16                                                                                            | 0,77 | CB6441-0040                                                                                       |
| 50  | 2"     | 16                                                                                            | 1    | CB6441-0050                                                                                       |
| 65  | 2" 1/2 | 16                                                                                            | 1,38 | CB6441-0065                                                                                       |
| 80  | 3"     | 16                                                                                            | 1,65 | CB6441-0080                                                                                       |
| 100 | 4"     | 16                                                                                            | 2,02 | CB6441-0100                                                                                       |
| 125 | 5"     | 16                                                                                            | 2,83 | CB6441-0125                                                                                       |
| 150 | 6"     | 19                                                                                            | 4,10 | CB6441-0150                                                                                       |
| 200 | 8"     | 22                                                                                            | 7,18 | CB6441-0200                                                                                       |
| 250 | 10"    | 32                                                                                            | 15,1 | CB6441-0250                                                                                       |
| 300 | 12"    | 38                                                                                            | 22,3 | CB6441-0300                                                                                       |
| 350 | 14"    | 38                                                                                            | 30,2 | CB6441-0350                                                                                       |
| 400 | 16"    | 44                                                                                            | 43,5 | CB6441-0400                                                                                       |
| 450 | 18"    | 50                                                                                            | 68   | CB6441-0450  |
| 500 | 20"    | 56                                                                                            | 93   | CB6441-0500  |
| 600 | 24"    | 62                                                                                            | 139  | CB6441-0600  |

## DUAL PLATE CHECK VALVES CLAPETS À DOUBLE BATTANT

### CB3448N-EP

Dual plate check valve - PN10/16/ASA150 - Ductile iron plate  
Clapet double battant - PN10/16 - Battant fonte ductile



Body: Cast iron EN-GJL-250 (GG25)  
Plate: Ductile iron chromed  
Shaft: Stainless steel 410  
Springs: Stainless steel 304  
Seal: EPDM  
Working pressure: 16 bar  
Connection: Between flanges PN10/  
PN16/ASA150  
Maximum Working temperature:  
+4°C / 110°C

Corps : Fonte EN-GJL-250 (GG25)  
Battant : Fonte ductile chromé  
Axe : Inox 410  
Ressorts : Inox 304  
Etanchéité : EPDM  
Pression de service : 16 bar  
Raccordement : Entre-bridés PN10/  
PN16/ASA150  
Température de service max :  
+4°C / 110°C

CE

WHILE STOCKS LAST  
JUSQU'À ÉPUISEMENT DES STOCKS

| DN  |        | L (mm) | Kg   | Ref.                |
|-----|--------|--------|------|---------------------|
| mm  | inch   |        |      |                     |
| 40  | 1" 1/2 | 43     | 1    | CB3448N-EP0040      |
| 50  | 2"     | 43     | 1,3  | CB3448N-EP0050      |
| 65  | 2" 1/2 | 46     | 1,8  | CB3448N-EP0065      |
| 80  | 3"     | 64     | 3    | CB3448N-EP0080      |
| 100 | 4"     | 64     | 3,9  | CB3448N-EP0100      |
| 125 | 5"     | 70     | 5,7  | CB3448N-EP0125      |
| 150 | 6"     | 76     | 8    | CB3448N-EP0150      |
| 200 | 8"     | 89     | 14,3 | CB3448N-EP0200      |
| 250 | 10"    | 114    | 24,9 | CB3448N-EP0250      |
| 300 | 12"    | 114    | 33,5 | CB3448N-EP0300      |
| 350 | 14"    | 127    | 55   | CB3448N-EP0350      |
| 400 | 16"    | 140    | 75   | CB3448N-EP0400      |
| 450 | 18"    | 152    | 101  | see I voir CB4448EP |
| 500 | 20"    | 152    | 111  | CB3448N-EP0500      |
| 600 | 24"    | 178    | 172  | CB3448N-EP0600      |

### CB4448-EP

Dual plate check valve - PN10/16/ASA150 - Ductile iron plate  
Clapet double battant - PN10/16/ASA150 - Battant fonte ductile



Body: Ductile iron EN-GJS-400-15 (GGG40)  
Plate: Ductile iron EN-GJS-400-15 (GGG40)  
Shaft: Stainless steel 410  
Springs: Stainless steel 304  
Seal: EPDM  
Working pressure: 16 bar  
Connection: Between flanges PN10/  
PN16/ASA150  
Maximum Working temperature:  
-5°C / 120°C

Corps : Fonte ductile EN-GJS-400-15 (GGG40)  
Battant : Fonte ductile EN-GJS-400-15 (GGG40)  
Axe : Inox 410  
Ressorts : Inox 304  
Etanchéité : EPDM  
Pression de service : 16 bar  
Raccordement : Entre-bridés PN10/  
PN16/ASA150  
Température de service max :  
-5°C / 120°C

CE



NEW

| DN   |        | L (mm) | Kg   | Ref.            |
|------|--------|--------|------|-----------------|
| mm   | inch   |        |      |                 |
| 40   | 1" 1/2 | 43     | 1,2  | CB4448-EP0040   |
| 50   | 2"     | 43     | 1,6  | CB4448-EP0050   |
| 65   | 2" 1/2 | 46     | 2,3  | CB4448-EP0065   |
| 80   | 3"     | 64     | 3,5  | CB4448-EP0080   |
| 100  | 4"     | 64     | 4,4  | CB4448-EP0100   |
| 125  | 5"     | 70     | 6,9  | CB4448-EP0125   |
| 150  | 6"     | 76     | 9,3  | CB4448-EP0150   |
| 200  | 8"     | 89     | 15,5 | CB4448-EP0200   |
| 250  | 10"    | 114    | 26   | CB4448-EP0250   |
| 300  | 12"    | 114    | 35,8 | CB4448-EP0300   |
| 350  | 14"    | 127    | 54,2 | CB4448-EP0350   |
| 400  | 16"    | 140    | 74   | CB4448-EP0400   |
| 450  | 18"    | 152    | 95,6 | CB4448-EP0450   |
| 500  | 20"    | 152    | 111  | CB4448-EP0500   |
| 600  | 24"    | 178    | 172  | CB4448-EP0600   |
| 700  | 28"    | 229    | 291  | ⊗ CB4448-EP0700 |
| 800  | 32"    | 241    | 360  | ⊗ CB4448-EP0800 |
| 900  | 36"    | 241    | 485  | ⊗ CB4448-EP0900 |
| 1000 | 40"    | 300    | 555  | ⊗ CB4448-EP1000 |
| 1200 | 48"    | 350    | 640  | ⊗ CB4448-EP1200 |

### CB3449-EPA

ACS dual plate check valve  
Clapet double battant ACS

WHILE STOCKS LAST  
JUSQU'À ÉPUISEMENT DES STOCKS



Body: Cast iron EN-GJL-250 (GG25)  
Plate: Stainless steel 316  
Shaft: Stainless steel 410  
Springs: Stainless steel 304  
Seal: EPDM ACS  
Connection: Between flanges PN10/16/  
ASA150  
Working pressure: 16 bar  
Maximum Working temperature: +5°C /  
110°C

Corps : Fonte EN-GJL-250 (GG25)  
Battant : Inox 316  
Axe : Inox 410  
Ressorts : Inox 304  
Etanchéité : EPDM ACS  
Raccordement : Entre-bridés PN10/16/  
ASA150  
Pression de service : 16 bar  
Température de service max : +5°C /  
110°C

ACS

| DN  |        | L (mm) | Kg   | Ref.                  |
|-----|--------|--------|------|-----------------------|
| mm  | inch   |        |      |                       |
| 40  | 1" 1/2 | 43     | 1    | see I voir CB4449-EPA |
| 50  | 2"     | 43     | 1,6  | CB3449-EPA0050        |
| 65  | 2" 1/2 | 46     | 2,4  | see I voir CB4449-EPA |
| 80  | 3"     | 64     | 3,7  | see I voir CB4449-EPA |
| 100 | 4"     | 64     | 4,8  | CB3449-EPA0100        |
| 125 | 5"     | 70     | 6,7  | see I voir CB4449-EPA |
| 150 | 6"     | 76     | 9    | CB3449-EPA0150        |
| 200 | 8"     | 89     | 15,6 | CB3449-EPA0200        |
| 250 | 10"    | 114    | 26,9 | CB3449-EPA0250        |
| 300 | 12"    | 114    | 36,8 | CB3449-EPA0300        |





Body: Ductile iron EN-GJS-400-15 (GGG40)

Plate: Stainless steel 316

Shaft: Stainless steel 316

Springs: Stainless steel 316

Seal: EPDM ACS

Connection: Between flanges PN10/16/ASA150

Working pressure: 16 bar

Maximum Working temperature: +5°C / 110°C

Corps : Fonte ductile EN-GJS-400-15 (GGG40)

Battant : Inox 316

Axe : Inox 316

Ressorts : Inox 316

Etanchéité : EPDM ACS

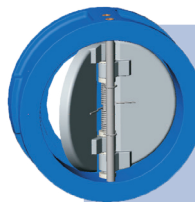
Raccordement : Entre-bridés PN10/16/ASA150

Pression de service : 16 bar

Température de service max : +5°C / 110°C

ACS

| DN   |        | L (mm) | Kg   | Ref.            |
|------|--------|--------|------|-----------------|
| mm   | inch   |        |      |                 |
| 40   | 1" 1/2 | 43     | 1,2  | CB4449-EA0040   |
| 50   | 2"     | 43     | 1,6  | CB4449-EA0050   |
| 65   | 2" 1/2 | 46     | 2,3  | CB4449-EA0065   |
| 80   | 3"     | 64     | 3,5  | CB4449-EA0080   |
| 100  | 4"     | 64     | 4,4  | CB4449-EA0100   |
| 125  | 5"     | 70     | 6,9  | CB4449-EA0125   |
| 150  | 6"     | 76     | 9,3  | CB4449-EA0150   |
| 200  | 8"     | 89     | 15,5 | CB4449-EA0200   |
| 250  | 10"    | 114    | 26   | CB4449-EA0250   |
| 300  | 12"    | 114    | 35,8 | CB4449-EA0300   |
| 350  | 14"    | 127    | 54,2 | CB4449-EA0350   |
| 400  | 16"    | 140    | 74   | CB4449-EA0400   |
| 450  | 18"    | 152    | 95,6 | CB4449-EA0450   |
| 500  | 20"    | 152    | 111  | CB4449-EA0500   |
| 600  | 24"    | 178    | 172  | CB4449-EA0600   |
| 700  | 28"    | 229    | 219  | CB4449-EA0700 ☉ |
| 800  | 32"    | 241    | 360  | CB4449-EA0800 ☉ |
| 900  | 36"    | 241    | 485  | CB4449-EA0900 ☉ |
| 1000 | 40"    | 300    | 555  | CB4449-EA1000 ☉ |



Body: Ductile iron EN-GJS-400-15 (GGG40)

Plate: Chromed ductile iron EN-GJS-400-15 (GGG40)

Shaft: Stainless steel 416

Springs: Stainless steel 304

Seal: EPDM

Connection: Between flanges PN25

Working pressure: 25 bar

Maximum working temperature: -10°C / +120°C

Corps : Fonte ductile EN-GJS-400-15 (GGG40)

Battant : Fonte ductile chromée EN-GJS-400-15 (GGG40)

Axe : Inox 416

Ressorts : Inox 304

Etanchéité : EPDM

Raccordement : Entre-bridés PN25

Pression de service : 25 bar

Température de service max : -10°C / +120°C

| DN  |        | L (mm) | Kg   | Ref.          |
|-----|--------|--------|------|---------------|
| mm  | inch   |        |      |               |
| 40  | 1" 1/2 | 43     | 1,1  | CB4450-0040   |
| 50  | 2"     | 43     | 2,2  | CB4450-0050   |
| 65  | 2" 1/2 | 46     | 2    | CB4450-0065   |
| 80  | 3"     | 64     | 2,8  | CB4450-0080   |
| 100 | 4"     | 64     | 4,1  | CB4450-0100   |
| 125 | 5"     | 70     | 6,4  | CB4450-0125   |
| 150 | 6"     | 76     | 8,5  | CB4450-0150   |
| 200 | 8"     | 89     | 15,2 | CB4450-0200   |
| 250 | 10"    | 114    | 26   | CB4450-0250   |
| 300 | 12"    | 114    | 34,8 | CB4450-0300   |
| 350 | 14"    | 127    | 48   | CB4450-0350 ☉ |
| 400 | 16"    | 140    | 65   | CB4450-0400 ☉ |
| 450 | 18"    | 152    | 78   | CB4450-0450 ☉ |
| 500 | 20"    | 152    | 110  | CB4450-0500 ☉ |
| 600 | 24"    | 178    | 157  | CB4450-0600 ☉ |



Body: Ductile iron EN-GJS-400-15 (GGG40)

Plate: Cupro aluminium

Shaft: Stainless steel 316

Springs: Stainless steel 316

Seal: Vulcanized NBR

Connection: Between flanges PN10/16

Working pressure: 16 bar

Working temperature: -10°C / +80°C

Corps : Fonte ductile EN-GJS-400-15 (GGG40)

Battant : Bronze aluminium

Axe : Inox 316

Ressorts : Inox 316

Etanchéité : NBR vulcanisé

Raccordement : Entre brides PN10/16

Pression de service : 16 bar

Température de service max : -10°C / +80°C

| DN  |        | L (mm) | Kg   | Ref.        |
|-----|--------|--------|------|-------------|
| mm  | inch   |        |      |             |
| 50  | 2"     | 54     | 1,65 | CB3442-0050 |
| 65  | 2" 1/2 | 54     | 2,4  | CB3442-0065 |
| 80  | 3"     | 57     | 3,1  | CB3442-0080 |
| 100 | 4"     | 64     | 4,85 | CB3442-0100 |
| 125 | 5"     | 70     | 6,4  | CB3442-0125 |
| 150 | 6"     | 76     | 9,1  | CB3442-0150 |
| 200 | 8"     | 95     | 16,9 | CB3442-0200 |
| 250 | 10"    | 108    | 27,5 | CB3442-0250 |
| 300 | 12"    | 144    | 35,9 | CB3442-0300 |
| 350 | 14"    | 184    | 81   | CB3442-0350 |

CE



## CDB4448-SI

Dual plate swing check valve - PN16 – aluminium bronze plate  
Clapet double battant - PN16 – battant bronze aluminium

NEW



Body: Ductile iron EN-GJS-400-15 (GGG40)  
Plate: Ductile iron EN-GJS-400-15 (GGG40)  
Shaft: Stainless steel 410  
Springs: Stainless steel 304  
Seal: Silicon  
Connection: Between flanges PN10/16  
Working pressure: 16 bar  
Working temperature: +10°C / +180°C

Corps : Fonte ductile EN-GJS-400-15 (GGG40)  
Battant : Fonte ductile EN-GJS-400-15 (GGG40)  
Axe : Inox 410  
Ressorts : Inox 304  
Etanchéité : Silicone  
Raccordement : Entre brides PN10/16  
Pression de service : 16 bar  
Température de service max : +10°C / +180°C



| DN  |       | L (mm) | Kg    | Ref.           |
|-----|-------|--------|-------|----------------|
| mm  | inch  |        |       |                |
| 40  | 1 1/2 | 43     | 1,2   | CDB4448-SI0040 |
| 50  | 2"    | 43     | 1,6   | CDB4448-SI0050 |
| 65  | 2 1/2 | 46     | 2,3   | CDB4448-SI0065 |
| 80  | 3"    | 64     | 3,5   | CDB4448-SI0080 |
| 100 | 4"    | 64     | 4,4   | CDB4448-SI0100 |
| 125 | 5"    | 70     | 6,9   | CDB4448-SI0125 |
| 150 | 6"    | 76     | 9,3   | CDB4448-SI0150 |
| 200 | 8"    | 89     | 15,5  | CDB4448-SI0200 |
| 250 | 10"   | 114    | 26,0  | CDB4448-SI0250 |
| 300 | 12"   | 114    | 35,8  | CDB4448-SI0300 |
| 350 | 14"   | 127    | 54,2  | CDB4448-SI0350 |
| 400 | 16"   | 140    | 74,0  | CDB4448-SI0400 |
| 450 | 18"   | 152    | 95,6  | CDB4448-SI0450 |
| 500 | 20"   | 152    | 111,0 | CDB4448-SI0500 |
| 600 | 24"   | 178    | 172,0 | CDB4448-SI0600 |

## CDB6461-VI

Dual plate swing check valve - PN10/16/25/40/ASA150/300 - Stainless steel  
Clapet double battant - PN10/16/25/40/ASA150/300 - Inox

Body & cover: Stainless steel 316  
Seat gasket: FPM (Viton type ®)  
Plates: Stainless steel 316  
Bolts and nuts: Stainless steel 316  
Connection: PN10/16/25/40/ASA150/300  
Working temperature: -25°C / +180°C  
Working pressure: 40 bar

Corps : Inox 316  
Joint de siège : FPM (type Viton ®)  
Battants : Inox 316  
Visserie : Inox 316  
Raccordement : PN10/16/25/40/ASA150/300  
Température de service : -25°C / +180°C  
Pression de service : 40 bar

| DN  |       | L (mm) | Kg   | Ref.           |
|-----|-------|--------|------|----------------|
| mm  | inch  |        |      |                |
| 50  | 2"    | 43     | 1,1  | CDB6461-VI0050 |
| 65  | 2 1/2 | 46     | 1,5  | CDB6461-VI0065 |
| 80  | 3"    | 64     | 2,4  | CDB6461-VI0080 |
| 100 | 4"    | 64     | 3,4  | CDB6461-VI0100 |
| 125 | 5"    | 70     | 5,3  | CDB6461-VI0125 |
| 150 | 6"    | 76     | 7,2  | CDB6461-VI0150 |
| 200 | 8"    | 89     | 11,9 | CDB6461-VI0200 |
| 250 | 10"   | 114    | 20,4 | CDB6461-VI0250 |
| 300 | 12"   | 114    | 28,4 | CDB6461-VI0300 |

## CB6442

Dual plate swing check valve - PN16 - Stainless steel  
Clapet double battant - PN16 - Inox

Body and plate: Stainless steel 316  
Shaft: Stainless steel 316  
Seal: FPM (Viton type ®)  
Connection: Between flanges PN10/16  
Working pressure: 10 bar  
Maximum working temperature: -10°C / +180°C

Corps et battant : Inox 316  
Axe : Inox 316  
Etanchéité : FPM (type Viton ®)  
Raccordement : Entre brides PN10/16  
Pression de service : 10 bar  
Température de service max : -10°C / +180°C

| DN  |      | L (mm) | Kg  | Ref.        |
|-----|------|--------|-----|-------------|
| mm  | inch |        |     |             |
| 350 | 14"  | 184    | 80  | CB6442-0350 |
| 400 | 16"  | 191    | 106 | CB6442-0400 |
| 450 | 18"  | 203    | 128 | CB6442-0450 |
| 500 | 20"  | 213    | 158 | CB6442-0500 |
| 600 | 24"  | 222    | 225 | CB6442-0600 |

## CB6450

Dual plate swing check valve PN25 - Stainless steel  
Clapet double battant - PN25 - Inox

Body and plate: Stainless steel 316  
Shaft: Stainless steel 316  
Seal: FPM (Viton® type)  
Connection: Between flanges PN25  
Working pressure: 25 bar  
Maximum working temperature: +200°C

Corps et battant : Inox 316  
Axe : Inox 316  
Etanchéité : FPM (type Viton®)  
Raccordement : Entre-bridges PN25  
Pression de service : 25 bar  
Température de service max : +200°C

| DN  |      | L (mm) | Kg  | Ref.        |
|-----|------|--------|-----|-------------|
| mm  | inch |        |     |             |
| 350 | 14"  | 127    | 56  | CB6450-0350 |
| 400 | 16"  | 140    | 73  | CB6450-0400 |
| 450 | 18"  | 152    | 98  | CB6450-0450 |
| 500 | 20"  | 152    | 127 | CB6450-0400 |
| 600 | 24"  | 178    | 193 | CB6450-0600 |



CS2142 / CS2143

BSP female lift check valve with union bonnet  
Clapet de retenue à soupape à chapeau union femelle BSP



Body: Bronze  
Disc: Stainless steel 316L  
Spring: Stainless steel 303  
Seal:  
CS2142: Stainless steel  
CS2143: PTFE  
Connection: BSP female / female  
Maximum working pressure: 25 bar  
Working temperature: -10°C / +180°C

Corps : Bronze  
Clapet : Inox 316L  
Ressort : Inox 303  
Etanchéité :  
CS2142 : Inox  
CS2143 : PTFE  
Raccordement : Femelle / femelle BSP  
Pression de service max : 25 bar  
Température de service : -10°C / +180°C



Mountable in all positions thanks to the spring  
Montage toutes positions grâce au ressort

| DN |        |  | Kg  | Ref.                       |
|----|--------|-------------------------------------------------------------------------------------|-----|----------------------------|
| mm | inch   |                                                                                     |     |                            |
| 8  | 1/4"   | 46                                                                                  | 0,2 | CS2142-0008<br>CS2143-0008 |
| 10 | 3/8"   | 46                                                                                  | 0,3 | CS2142-0010<br>CS2143-0010 |
| 15 | 1/2"   | 56                                                                                  | 0,3 | CS2142-0015<br>CS2143-0015 |
| 20 | 3/4"   | 62                                                                                  | 0,6 | CS2142-0020<br>CS2143-0020 |
| 25 | 1"     | 74                                                                                  | 0,8 | CS2142-0025<br>CS2143-0025 |
| 32 | 1 1/4" | 91                                                                                  | 1,2 | CS2142-0032<br>CS2143-0032 |
| 40 | 1 1/2" | 100                                                                                 | 1,6 | CS2142-0040<br>CS2143-0040 |
| 50 | 2"     | 128                                                                                 | 2,6 | CS2142-0050<br>CS2143-0050 |

CS3240

Flanged lift check valve - PN16  
Clapet à soupape à brides - PN16



Body: Cast iron EN-GJL-250 (GG25)  
Disc: Cast iron EN-GJL-250 (GG25)  
Spring: Stainless steel 304  
Seal: Stainless steel  
Connection: Flanged PN16  
Maximum working pressure: 16 bar  
Maximum working temperature:  
16 bar: +120°C  
12 bar: +225°C

Corps : Fonte EN-GJL-250 (GG25)  
Obturbateur : Fonte EN-GJL-250 (GG25)  
Ressort : Inox 304  
Etanchéité : Inox  
Raccordement : À brides PN16  
Pression de service : 16 bar  
Température de service max :  
16 bar: +120°C  
12 bar: +225°C



Mountable in all positions thanks to the spring  
Montage toutes positions grâce au ressort

| DN  |        |  | Kg  | Ref.        |
|-----|--------|--------------------------------------------------------------------------------------|-----|-------------|
| mm  | inch   |                                                                                      |     |             |
| 15  | 1/2"   | 130                                                                                  | 2,2 | CS3240-0015 |
| 20  | 3/4"   | 150                                                                                  | 3,3 | CS3240-0020 |
| 25  | 1"     | 160                                                                                  | 3,8 | CS3240-0025 |
| 32  | 1 1/4" | 180                                                                                  | 5,5 | CS3240-0032 |
| 40  | 1 1/4" | 200                                                                                  | 6,9 | CS3240-0040 |
| 50  | 2"     | 230                                                                                  | 8,7 | CS3240-0050 |
| 65  | 2 1/2" | 290                                                                                  | 15  | CS3240-0065 |
| 80  | 3"     | 310                                                                                  | 20  | CS3240-0080 |
| 100 | 4"     | 350                                                                                  | 25  | CS3240-0100 |
| 125 | 5"     | 400                                                                                  | 40  | CS3240-0125 |
| 150 | 6"     | 480                                                                                  | 55  | CS3240-0150 |
| 200 | 8"     | 600                                                                                  | 88  | CS3240-0200 |
| 250 | 10"    | 730                                                                                  | 196 | CS3240-0250 |
| 300 | 12"    | 850                                                                                  | 300 | CS3240-0300 |

CS5261S1

Flanged lift check valve - PN40  
Clapet à soupape à brides - PN40



Body: Steel GP240GH  
Bonnet: Steel GP240GH  
Disc: Stainless steel 304  
Gasket: Graphite  
Connection: Flanged PN40  
Maximum working pressure: 40 bar  
Maximum working temperature:  
(conditions of use see technical drawing)

Corps : Acier GP240GH  
Chapeau : Acier GP240GH  
Obturbateur : Inox 304  
Joint : Graphite  
Raccordement : À brides PN40  
Pression de service max : 40 bar  
Température de service max :  
(conditions d'utilisation voir le passeport technique)



Mountable in all positions thanks to the spring  
Montage toutes positions grâce au ressort

| DN  |        |  | Kg  | Ref.          |
|-----|--------|---------------------------------------------------------------------------------------|-----|---------------|
| mm  | inch   |                                                                                       |     |               |
| 25  | 1"     | 160                                                                                   | 4,5 | CS5261S1-0025 |
| 32  | 1 1/4" | 180                                                                                   | 5,5 | CS5261S1-0032 |
| 40  | 1 1/4" | 200                                                                                   | 9   | CS5261S1-0040 |
| 50  | 2"     | 230                                                                                   | 11  | CS5261S1-0050 |
| 65  | 2 1/2" | 290                                                                                   | 15  | CS5261S1-0065 |
| 80  | 3"     | 310                                                                                   | 24  | CS5261S1-0080 |
| 100 | 4"     | 350                                                                                   | 32  | CS5261S1-0100 |
| 125 | 5"     | 400                                                                                   | 48  | CS5261S1-0125 |
| 150 | 6"     | 480                                                                                   | 65  | CS5261S1-0150 |

## CP4243 / CP4243A

**Tilting check valve with counterweight**  
Clapet à papillon à brides à contrepoids



Body: Ductile iron EN-GJS-500-7 (GGG50)  
Disc: Ductile iron EN-GJS-500-7 (GGG50)  
Seat: Stainless steel 304  
Seal: EPDM  
Connection: Flanged PN10/16  
Working pressure: 16 bar  
Working temperature: -10°C / +80°C

Corps : Fonte ductile EN-GJS-500-7 (GGG50)  
Obturbateur : Fonte ductile EN-GJS-500-7 (GGG50)  
Siège : Inox 304  
Etanchéité : EPDM  
Raccordement : À brides PN10/16  
Pression de service : 16 bar  
Température de service : -10°C / +80°C



**PN25-40 on request**  
PN25-40 sur demande

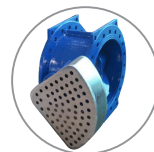


**Counterweight position can be changed to the other side**  
Inversion possible du contre-poids

| DN   |      | L (mm) | Kg   | Valve with counterweight<br>Clapet et contrepoids | With protection guard*<br>Avec capot protection |
|------|------|--------|------|---------------------------------------------------|-------------------------------------------------|
| mm   | inch |        |      | Ref.                                              | Ref.                                            |
| 200  | 8"   | 230    | 45   | CP4243-0200                                       | CP4243A-0200                                    |
| 250  | 10"  | 250    | 76   | CP4243-0250                                       | CP4243A-0250                                    |
| 300  | 12"  | 270    | 102  | CP4243-0300                                       | CP4243A-0300                                    |
| 350  | 14"  | 290    | 140  | CP4243-0350                                       | CP4243A-0350                                    |
| 400  | 16"  | 310    | 176  | CP4243-0400                                       | CP4243A-0400                                    |
| 450  | 18"  | 330    | 245  | CP4243-0450                                       | CP4243A-0450                                    |
| 500  | 20"  | 350    | 300  | CP4243-0500                                       | CP4243A-0500                                    |
| 600  | 24"  | 390    | 432  | CP4243-0600                                       | CP4243A-0600                                    |
| 700  | 28"  | 430    | 565  | CP4243-0700                                       | CP4243A-0700                                    |
| 800  | 32"  | 470    | 833  | CP4243-0800                                       | CP4243A-0800                                    |
| 900  | 36"  | 510    | 1081 | CP4243-0900                                       | CP4243A-0900                                    |
| 1000 | 40"  | 550    | 1268 | CP4243-1000                                       | CP4243A-1000                                    |
| 1200 | 48"  | 630    | 2127 | CP4243-1200                                       | CP4243A-1200                                    |

## \*CP4243A

Price of valve complete with stainless steel 304 protective cover for better safety  
Prix de la vanne complète avec capot de protection inox 304 inclus pour plus de sécurité



## CP4208 / CP4248

**Tilting check valve with counterweight and hydraulic damper**  
Clapet à papillon à brides à contrepoids avec amortisseur hydraulique



Body and Disc: Ductile iron EN-GJS-500-7 (GGG50)  
Seat: Stainless steel 304  
Shaft: Stainless steel 320  
Sealing ring: EPDM  
Connection: Flanged PN10 or PN16  
Working temperature: -10°C / +80°C  
With lever, counterweight and hydraulic damper

Corps et papillon : Fonte ductile EN-GJS-500-7 (GGG50)  
Siège : Inox 304  
Axe de manoeuvre : Inox 420  
Joint : EPDM  
Raccordement : À brides PN10 ou PN16  
Température de service : -10°C / +80°C  
Avec levier, contrepoids et vérin hydraulique



**With lever, counterweight and hydraulic damper - cushioned closure**  
Avec levier contrepoids et vérin hydraulique - amortissement sur la fermeture



**Add hydraulic oil (YB-N46 or equivalent)**  
Prévoir de rajouter de l'huile hydraulique pour le vérin (type YB-N46 ou similaire)

| DN  |      | L (mm) | Kg  | PN10/16     |
|-----|------|--------|-----|-------------|
| mm  | inch |        |     | Ref.        |
| 250 | 10"  | 250    | 95  | CP4248-0250 |
| 300 | 12"  | 270    | 122 | CP4248-0300 |

| DN   |      | L (mm) | Kg   | PN10        | PN16        |
|------|------|--------|------|-------------|-------------|
| mm   | inch |        |      | Ref.        | Ref.        |
| 350  | 14"  | 290    | 160  | CP4208-0350 | CP4248-0350 |
| 400  | 16"  | 310    | 233  | CP4208-0400 | CP4248-0400 |
| 450  | 18"  | 330    | 266  | CP4208-0450 | CP4248-0450 |
| 500  | 20"  | 350    | 348  | CP4208-0500 | CP4248-0500 |
| 600  | 24"  | 390    | 468  | CP4208-0600 | CP4248-0600 |
| 700  | 28"  | 430    | 657  | CP4208-0700 | CP4248-0700 |
| 800  | 32"  | 470    | 820  | CP4208-0800 | CP4248-0800 |
| 900  | 36"  | 510    | 1180 | CP4208-0900 | CP4248-0900 |
| 1000 | 40"  | 550    | 1561 | CP4208-1000 | CP4248-1000 |
| 1200 | 48"  | 630    | 2472 | CP4208-1200 | CP4248-1200 |



**Contact us for any vertical position requests: please specify the position of the check valve (position delivered horizontally as standard) as well as the upstream / downstream environment of the check valve to recommend the most suitable equipment**

Contactez-nous pour toute demande de position verticale : nous préciser la position du clapet lors de votre demande (position livrée en horizontal en standard) ainsi que l'environnement amont/aval du clapet pour vous préconiser l'équipement le plus adapté



## CBT6206 / CBT6209A

**Stainless steel end-of-line check valve**  
Clapet d'extrémité inox



Body: Stainless steel 304  
Disc: Stainless steel 304  
Seal: EPDM  
Connection:  
DN200-500: Flanged PN10  
DN600-2000: Flanged PN25  
Maximum working pressure: 0,5 bar  
Maximum working temperature: 120°C

Corps : Inox 304  
Battant : Inox 304  
Étanchéité : EPDM  
Raccordement :  
DN200-500 : À brides PN10  
DN600-2000 : À brides PN25  
Pression de service max : 0,5 bar  
Température de service max : 120°C



**Optimal sealing**  
Étanchéité optimale

|      |      |                                                                                             | Stainless steel 304<br>Inox 304 | Stainless steel 316<br>Inox 316 |
|------|------|---------------------------------------------------------------------------------------------|---------------------------------|---------------------------------|
| DN   |      | <br>L (mm) | Ref.                            | Ref.                            |
| mm   | inch |                                                                                             |                                 |                                 |
| 200  | 8"   | 340                                                                                         | CBT6206-0200                    | CBT6209A-0200                   |
| 300  | 12"  | 440                                                                                         | CBT6206-0300                    | CBT6209A-0300                   |
| 400  | 16"  | 540                                                                                         | CBT6206-0400                    | CBT6209A-0400                   |
| 500  | 20"  | 640                                                                                         | CBT6206-0500                    | CBT6209A-0500                   |
| 600  | 24"  | 740                                                                                         | CBT6206-0600                    | CBT6209A-0600                   |
| 700  | 28"  | 840                                                                                         | CBT6206-0700                    | CBT6209A-0700                   |
| 800  | 32"  | 940                                                                                         | CBT6206-0800                    | CBT6209A-0800                   |
| 900  | 36"  | 1040                                                                                        | CBT6206-0900                    | CBT6209A-0900                   |
| 1000 | 40"  | 1140                                                                                        | CBT6206-1000                    | CBT6209A-1000                   |
| 1100 | 44"  | *                                                                                           | CBT6206-1100                    | CBT6209A-1100                   |
| 1200 | 48"  | *                                                                                           | CBT6206-1200                    | CBT6209A-1200                   |
| 1300 | 50"  | *                                                                                           | CBT6206-1300                    | CBT6209A-1300                   |
| 1400 | 56"  | *                                                                                           | CBT6206-1400                    | CBT6209A-1400                   |
| 1500 | 60"  | *                                                                                           | CBT6206-1500                    | CBT6209A-1500                   |
| 1600 | 64"  | *                                                                                           | CBT6206-1600                    | CBT6209A-1600                   |
| 1700 | 66"  | *                                                                                           | CBT6206-1700                    | CBT6209A-1700                   |
| 1800 | 72"  | *                                                                                           | CBT6206-1800                    | CBT6209A-1800                   |
| 2000 | 80"  | *                                                                                           | CBT6206-2000                    | CBT6209A-2000                   |

## CBT9200

**Polyamide end-of-line check valve**  
Clapet d'extrémité polyamide



Body + disc: 20% glass fiber reinforced polyamide recyclable  
Shaft: Stainless steel 316  
Seals: EPDM  
Connection: Flanged ISO PN10  
Maximum working pressure: 1 bar (10 mCE)  
Maximum working temperature: 70°C  
Setting:  
- mounts on all types of vertical concrete walls with the 4 included mechanical anchors.  
- mounts on pipe flanges PN10 (screws not included).

Corps + battant : Polyamide renforcé à 20% de fibres de verre recyclable  
Ancrages mécaniques : Inox 316  
Joints (battants + corps) : EPDM  
Raccordement : Brides ISO PN10  
Tenue à la pression : 1 bar (10 mCE)  
Température de service max : 70°C  
Se fixe:  
- sur toute paroi béton verticale à l'aide de 4 ancrages mécaniques fournis.  
- sur bride de canalisation PN10 (visserie non fournie).

| DN  |      | <br>L (mm) | Kg  | Ref.         |
|-----|------|-------------------------------------------------------------------------------------------------|-----|--------------|
| mm  | inch |                                                                                                 |     |              |
| 100 | 4"   | 45                                                                                              | 0,4 | CBT9200-0100 |
| 150 | 6"   | 55                                                                                              | 0,6 | CBT9200-0150 |
| 200 | 8"   | 65                                                                                              | 0,9 | CBT9200-0200 |



**Optimal sealing thanks to its foam gasket (against the wall) and its seal**  
Étanchéité optimale grâce à son joint mousse (contre la paroi) et son joint à lèvres

## CBT9200A

**Polyester end-of-line check valve**  
Clapet d'extrémité polyester



Body + disc: Reinforced polyester resin with fiberglass  
Shaft: Stainless steel 316  
Seals: EPDM  
Connection: Flanged ISO PN10 (to drill)  
Maximum service pressure: 1 bar  
Pressure resistance: 1 bar (10 mCE)  
Maximum working temperature: 70°C  
- on vertical concrete walls (screws 316 included).  
- on standardized flange (screws not included, extra cost for drilling).

Corps + battant : Résine polyester renforcée de fibre de verre  
Ancrages mécaniques : Inox 316  
Joints : EPDM  
Raccordement : Brides ISO PN10 (à percer)  
Pression max de service : 1 bar  
Tenue à la pression : 1 bar (10 mCE)  
Température de service max : 70°C  
Se fixe:  
- sur toute paroi verticale (chevilles à frapper Inox 316 fournis).  
- sur bride normalisée (visserie non fournie, perçage en option surcoût).

| DN    |      | <br>L (mm) | Kg   | Ref.          |
|-------|------|-------------------------------------------------------------------------------------------------|------|---------------|
| mm    | inch |                                                                                                 |      |               |
| 200   | 8"   | 150                                                                                             | 1,6  | CBT9200A-0200 |
| 250   | 10"  | 160                                                                                             | 2    | CBT9200A-0250 |
| 300   | 12"  | 189                                                                                             | 3,7  | CBT9200A-0300 |
| 400   | 16"  | 206                                                                                             | 6,5  | CBT9200A-0400 |
| 500   | 20"  | 240                                                                                             | 9,7  | CBT9200A-0500 |
| 600   | 24"  | 280                                                                                             | 14,3 | CBT9200A-0600 |
| 800   | 32"  | 525                                                                                             | 25   | CBT9200A-0800 |
| 1000  | 40"  | 535                                                                                             | 102  | CBT9200A-1000 |
| 1200* | 48"  | 695                                                                                             | 151  | CBT9200A-1200 |
| 1400* | 56"  | 800                                                                                             | 236  | CBT9200A-1400 |
| 1500* | 60"  | 870                                                                                             | 285  | CBT9200A-1500 |



**Prevents water backflow**  
**Lightweight and resistant (to corrosion, UV, seawater, etc.)**  
Protection contre les reflux  
Léger et résistant (corrosion, UV, eau de mer ...)

**\*Drilling for mounting on ISO PN10 flange is not possible for DN1200/1400/1500**  
Le perçage pour fixation sur bride ISO PN10 n'est pas réalisable pour les DN1200 / 1400 / 1500



The backflow preventer protect drinking water systems from backflow of polluted water  
This type of backflow may occur when the pressure network changes and causes a reversal of the flow  
The backflow preventer creates a safety zone that prevents the water in the two circuits from coming into contact  
Le disconnecteur protège les réseaux d'eau potable contre les retours de fluides pollués  
Ce retour de fluide peut être provoqué par une variation de pression  
Le disconnecteur crée une zone de séparation de sécurité qui évite tout contact entre les eaux des deux réseaux

X2101

**BSP female backflow preventer - non-controllable different pressure area - CA 573 type**  
Disconnecteur femelle BSP - à zone de pression différente non contrôlable (type CA 573)



Body & seat: Brass  
Disc: POM  
Gasket & membrane: NBR  
Connection: BSP female / female  
Maximum working pressure: 10 bar  
Working temperature: +5°C / +65 °C

Corps et siège : Laiton  
Obtuteur : POM  
Joint et membrane : NBR  
Raccordement : Femelle / femelle BSP  
Pression de service max : 10 bar  
Température de service : +5°C / +65 °C

| DN |      | L (mm) | Kg   | Ref.       |
|----|------|--------|------|------------|
| mm | inch |        |      |            |
| 15 | 1/2" | 121    | 0,59 | X2101-0015 |
| 20 | 3/4" | 151    | 0,66 | X2101-0020 |

**ACS**

X2102

**BSP male backflow preventer «BA» type - controllable reduced pressure area - BA 574 type**  
Disconnecteur type «BA» mâle BSP - à zone de pression réduite contrôlable (type BA 574)



Body & bonnet :  
Brass from 1/2" up to 1 1/4"  
Bronze from 1 1/2" up to 2"  
Disc: Brass  
Stem: Stainless steel  
Membrane: EPDM  
Gaskets: NBR  
Connection: BSP male / male  
Maximum working pressure: 10 bar  
Working temperature: +5°C / +65 °C

Corps et chapeau :  
Laiton du 1/2" au 1 1/4"  
Bronze du 1 1/2" au 2"  
Obtuteurs : Laiton  
Axe : Inox  
Membrane : EPDM  
Joints : NBR  
Raccordement : Mâle / mâle BSP  
Pression de service max : 10 bar  
Température de service : +5°C / +65 °C

| DN |        | L (mm) | Kg   | Ref.       |
|----|--------|--------|------|------------|
| mm | inch   |        |      |            |
| 15 | 1/2"   | 173    | 1,06 | X2102-0015 |
| 20 | 3/4"   | 200    | 1,8  | X2102-0020 |
| 25 | 1"     | 262    | 3,7  | X2102-0025 |
| 32 | 1 1/4" | 277    | 5    | X2102-0032 |
| 40 | 1 1/2" | 330    | 7    | X2102-0040 |
| 50 | 2"     | 396    | 9,8  | X2102-0050 |

**ACS**

X4203

**Flanged backflow preventer - controllable reduced pressure area - BA 5751 type**  
Disconnecteur à brides - à zone de pression réduite contrôlable (type BA 5751)



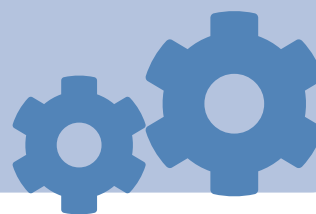
Body & bonnet: Ductile iron EN-GJS-400 (GGG40) with epoxy coating  
Disc: Bronze  
Springs: Stainless steel  
Membrane: EPDM  
Gaskets: EPDM  
Connection: Flanged PN10  
Maximum working pressure: 10 bar  
Working temperature: +5°C / +65 °C

Corps et chapeau : Fonte ductile EN-GJS-400 (GGG40) revêtue epoxy  
Obtuteurs : Bronze  
Ressorts : Inox  
Membrane : EPDM  
Joints : EPDM  
Raccordement : À brides PN10  
Pression de service max : 10 bar  
Température de service : +5°C / +65 °C

| DN  |        | L (mm) | Kg | Ref.       |
|-----|--------|--------|----|------------|
| mm  | inch   |        |    |            |
| 50  | 2"     | 302    | 20 | X4203-0050 |
| 65  | 2 1/2" | 305    | 21 | X4203-0065 |
| 80  | 3"     | 470    | 35 | X4203-0080 |
| 100 | 4"     | 470    | 36 | X4203-0100 |



# USE AND INSTALLATION GUIDE NOTICE D'INSTALLATION ET D'UTILISATION



## GENERALITIES

Respect the flow direction of the check valves. (See Fig. 36)  
Ensure the nominal diameter (DN) compatibility between the valve and piping.  
Respect the minimum installation distances. (See Fig. 37)  
Respect the operating cycles. Avoid pulsating flow and abnormal use of the check valve. (See Fig. 37)

## GÉNÉRALITÉS

Respecter le sens de montage des clapets. (Voir Fig. 36)  
Respecter les correspondances de DN entre le clapet et la tuyauterie. Respecter les distances minimales d'implantation. (Voir Fig. 37)  
Respecter les cycles d'utilisation, éviter les régimes pulsatoires et les utilisations anormales du clapet. (Voir Fig. 37)

## OPERATING LIMITS

The user must follow the working conditions of the equipment (pressure, temperature and nature of fluid) recommended in TECOFI documentation and on the valve marking plates. The operating temperature of check valves depends on the material of the seat and the ball.  
Refer to the marking on the CE nameplate, which defines the minimum and maximum service temperatures (TS).

## LIMITES D'UTILISATION

L'utilisateur doit s'assurer de l'utilisation du matériel dans les conditions de service appropriées (pression, température et nature du fluide) préconisées dans la documentation TECOFI et sur les plaques de marquage. Les températures d'utilisation des clapets, dépendent du matériau des joints de siège ou de la boule, et non du fluide.  
Se conformer au marquage de la plaque signalétique CE, qui définit les températures minimales et maximales de service (TS).

## BALL CHECK VALVES

For DN > 250: possible assembly with an axis offset in order to reduce water hammer when the ball closes. (See Fig. 35)  
In the case of horizontal assembly, be careful when operating under low-pressure conditions (ball closure).  
Relative tightness for clean water.  
On ball check valves, the vent plug makes it possible to manually remove the ball during operation.  
Downward flow installation is prohibited. (See Fig. 36)

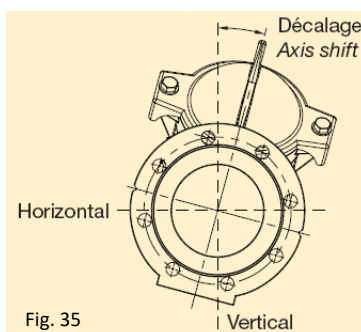


Fig. 35

- A partir du DN 300 l'inclinaison du clapet par rapport à la verticale permet de diminuer le risque de coup de bélier grâce à une descente plus lente de la boule.  
- From DN300 the check valve inclination to the vertical allows decreasing the risk of water hammer thanks to a slower descent of the ball.

## CLAPETS À BOULE

Pour DN > 250 : montage hors axe avec décalage possible afin de diminuer les coups de bélier lors de la descente de la boule. (Voir Fig. 35)  
Dans le cas d'un montage horizontal, attention à l'utilisation sous faible pression (fermeture de la boule).  
Étanchéité relative pour eau claire.  
Sur les clapets à boule, le bouchon de dégazage permet de décoller manuellement la boule en fonctionnement.  
Montage sur fluide descendant interdit. (Voir Fig. 36)

## SWING CHECK VALVES

Mount the valve using the hook.  
In the case of horizontal assembly, the hook's axis must align with the vertical axis of the piping. (See Fig. 36)

## CLAPETS SIMPLE BATTANT

Monter le clapet en utilisant le crochet pour la préhension. Lors d'un montage horizontal, l'axe du crochet doit matérialiser l'axe vertical de la tuyauterie. (Voir Fig. 36)

## DUAL-PLATE CHECK VALVES

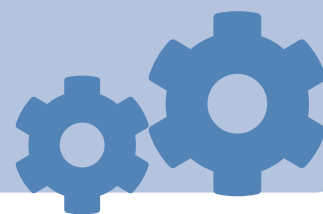
Ensure the correct operation of the return springs.  
DN > 150: installation in downward flow is strongly discouraged. (See Fig. 36)  
When assembling horizontally, the check valve's axis must be vertical. (See Fig. 36)

## CLAPETS DOUBLE BATTANT

S'assurer du bon fonctionnement des ressorts de rappel.  
DN > 150 : montage sur fluide descendant fortement déconseillé. (Voir Fig. 36)  
Lors d'un montage horizontal, l'axe du clapet doit être vertical. (Voir Fig. 36)



# USE AND INSTALLATION GUIDE NOTICE D'INSTALLATION ET D'UTILISATION



## VALVE POSITION AND ASSEMBLY

Please assemble the valve according to the arrow's direction

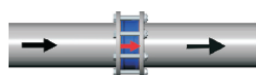
## POSITION DES CLAPETS ET SENS DE MONTAGE

Veillez à un montage conforme au sens de la flèche

### Dual plate check valve / Clapet à double battant

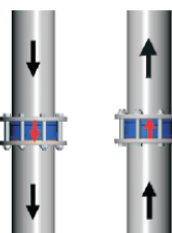
#### Horizontal

For horizontal assembly, check axis as to be placed in vertical position.  
Pour un montage horizontal, l'axe du clapet doit être vertical.



#### Vertical

When assembled in the vertical position, the opening direction of the plate has to be in accordance to the direction of the fluid.  
Pour un montage vertical, le sens d'ouverture des battants du clapet doit correspondre à la direction du fluide.



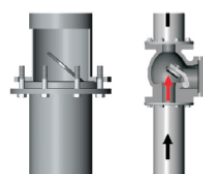
Descending flow  
Fluide descendant

Ascending flow  
Fluide ascendant

DN < 150

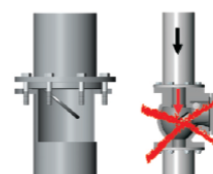
### Swing check valve / Clapet à battant

#### Vertical



Ascending flow  
Fluide ascendant

YES  
OUI



Descending flow  
Fluide descendant

NO  
NON

#### Horizontal

For assembly in the horizontal position, ensure the axis is placed in the vertical position (ensured when hook is positioned vertically).  
Pour un montage horizontal, l'axe du clapet (matérialisé par le crochet) doit être à la verticale.



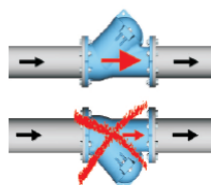
YES  
OUI

NO  
NON

FIG. 36

### Ball check valve / Clapet à boule

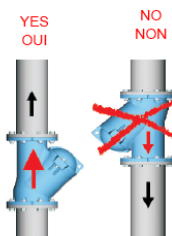
#### Horizontal



YES  
OUI

NO  
NON

#### Vertical



YES  
OUI

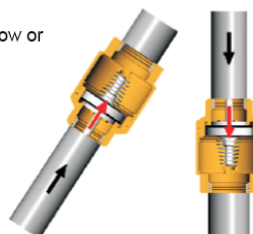
NO  
NON

Descending flow  
Fluide descendant

Ascending flow  
Fluide ascendant

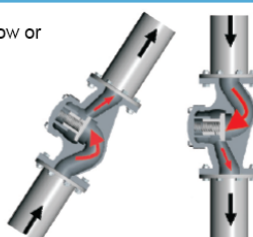
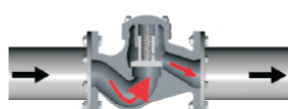
### Axial check valve / Clapet axial

Mounting in all positions ; ascending flow or descending flow.  
Montage toutes positions ; fluide ascendant ou descendant.



### Lift check valve / Clapet à soupape

Mounting in all positions ; ascending flow or descending flow.  
Montage toutes positions ; fluide ascendant ou descendant.



### RESPECT THE DISTANCES!

A minimum distance must be respected between the check valve and any disruptive element : elbow, reducer or any valve.

Minimum distance :  
- upstream : 6DN  
- downstream : 2DN

### ATTENTION AUX DISTANCES !

Une distance minimale doit être respectée entre le clapet et tout élément perturbateur : coude, divergent ou appareil de robinetterie.

Distance minimale :  
- en amont du clapet : 6DN  
- en aval du clapet : 2DN

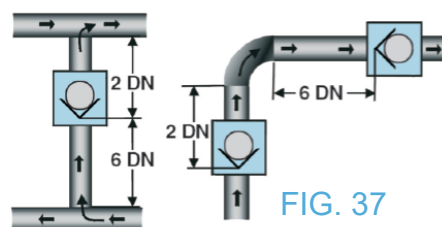


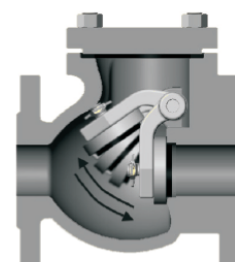
FIG. 37

DN : Diamètre Nominal / Nominal Diameter

### RESPECT CYCLES OF USES

Avoid the pulsative flow and abnormal uses of check valve.

RESPECTER LE CYCLE D'UTILISATION  
Eviter les régimes pulsatoires et les utilisations anormales du clapet.





CHECK VALVES - CLAPETS

CHECK V.  
CLAPETS