

Spring, Ball & Swing Check Series

04

- Complete range of sizes
- 100% factory tested
- Spring check, foot & swing check valves

- Une gamme très complète
- 100% des clapets testés en usine
- Clapets à ressort, clapets crépine et clapets à battant

- Completa gama de medidas
- Probadas al 100% en fábrica
- Válvulas anti-retorno, de pie y de clapeta

- Completa gama de medidas
- Testadas de fábrica á 100%
- Válvulas anti-retorno, válvulas de pé e válvulas de clapeta

Check valves Clapets anti-retour Válvulas de retención Válvulas de retenção



Check Valves

Range

- Spring check and foot valves.
 - Sizes from 16 mm to 110 mm ($\frac{1}{8}$ " - 4").
- Standards**
- Available Standards: Metric, ASTM, British Standard, JIS.
 - Threaded versions: BSP & NPT.

Working pressure

- At 20°C D16-D63 ($\frac{1}{8}$ " - 2") PN 16 (240 PSI@73°F)
D75-D110 (2½" - 4") PN 10 (150 PSI@73°F)

Features

- Easy installation and maintenance.
- May be used either vertically and horizontally.
- Available in PVC-U and Corzan® PVC-C.
- PVC-C: service temperatures up to 93°C (200°F) and exceptional corrosion resistance.
- O-Rings available in EPDM or Viton®.

Dimensions

- Clapets à ressort et clapets crépine.
- Du D16 mm au D110 mm ($\frac{1}{8}$ " - 4").

Standards

- Standards disponibles: Métrique, ASTM, British Standard, JIS.
- Versions à visser: BSP et NPT.

Pression de service

- A 20°C D16-D63 ($\frac{1}{8}$ " - 2") PN 16 (240 PSI@73°F)
D75-D110 (2½" - 4") PN 10 (150 PSI@73°F)

Caractéristiques

- Facile d'installation et d'entretien.
- S'utilise indifféremment en position verticale ou horizontale.
- Disponibles en PVC-U et en Corzan® PVC-C.
- PVC-C: température de service jusqu'à 93°C (200°F) et très bonne résistance à la corrosion.
- Joints en EPDM ou Viton®.

Medidas

- Válvulas anti-retorno y de pie.
- Desde 16 mm a 110 mm ($\frac{1}{8}$ " - 4").

Standards

- Standards disponibles: Métrico, ASTM, British Standard, JIS.
- Versiones roscadas: BSP y NPT.

Presión de servicio

- A 20°C D16-D63 ($\frac{1}{8}$ " - 2") PN 16 (240 PSI@73°F)
D75-D110 (2½" - 4") PN 10 (150 PSI@73°F)

Características

- Fácil instalación y mantenimiento.
- Se puede usar indistintamente verticalmente y horizontalmente.
- Disponibles en PVC-U y Corzan® PVC-C.
- PVC-C: temperaturas de servicio hasta 93°C (200°F) y excepcional resistencia a la corrosión.
- Juntas en EPDM o Viton®.

Medidas

- Válvulas de retenção e de fundo.
- Desde 16 mm a 110 mm ($\frac{1}{8}$ " - 4").

Standards

- Standards disponíveis: Métrico, ASTM, British Standard, JIS.
- Versões roscadas: BSP e NPT.

Pressão de serviço

- A 20°C D16-D63 ($\frac{1}{8}$ " - 2") PN 16 (240 PSI@73°F)
D75-D110 (2½" - 4") PN 10 (150 PSI@73°F)

Características

- Fácil instalação e manutenção.
- Pode-se usar indistintamente vertical ou horizontalmente.
- Disponíveis em PVC-U e Corzan® PVC-C.
- PVC-C: temperaturas de serviço até 93°C (200°F) e excepcional resistência à corrosão.
- Juntas em EPDM ou Viton®.

Spring check valves Clapets à ressort Válvulas anti-retorno Válvulas de retenção



Materials / Matériaux / Materiales / Materials

Parts

1. Body
2. Cone
3. Spring
4. Nut
5. End connector
6. Cone O-Ring
7. Body O-Ring
8. End connector O-Ring
9. Seal carrier
10. Foot valve screen

Pièces

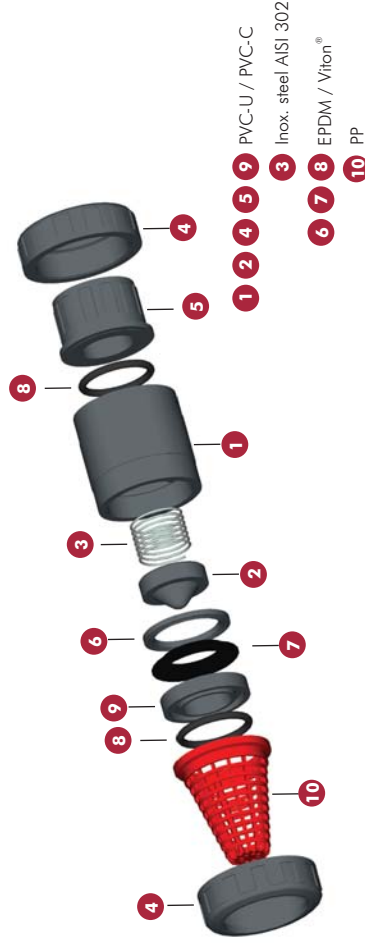
1. Corps
2. Cône fermoir
3. Ressort
4. Ecrou
5. Collet
6. Joint de cône
7. Joint de corps
8. Joint de collet
9. Porte-joint
10. Crépine

Peças

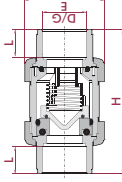
1. Corpo
2. Cone
3. Mola
4. Porca
5. União
6. Junta do cone
7. Junta do corpo
8. Junta colarinho
9. Portajuntas
10. Grelha

Despiece

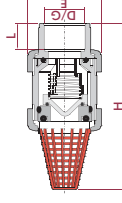
1. Cuerpo
2. Cono de cierre
3. Muelle
4. Tuerca
5. Manguito enlace
6. Junta cono
7. Junta cuerpo
8. Junta manguito
9. Portajuntas
10. Rejilla



Dimensions / Dimensions / Dimensiones / Dimensões



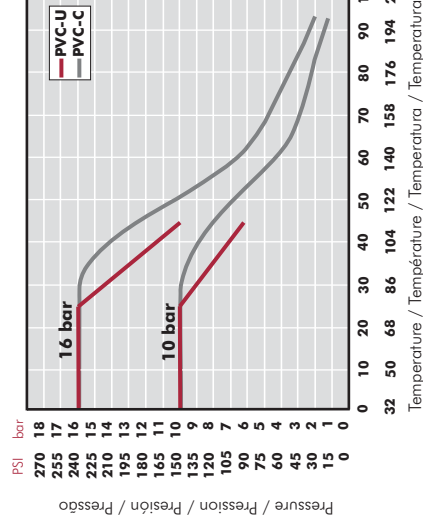
D / G	L	H	E			
mm	mm	mm	mm			
16 $\frac{3}{8}$ "	16	0.63	84	3.31	52	2.04
20 $\frac{1}{2}$ "	16	0.63	84	3.31	52	2.04
25 $\frac{3}{4}$ "	19	0.79	108	4.25	62	2.44
32 1"	22	0.87	119	4.68	70	2.76
40 1½"	26	1.02	142	5.60	84	3.31
50 1½"	31	1.22	162	6.38	94	3.70
63 2"	38	1.50	192	7.55	117	4.60
75 2½"	44	1.73	232	9.13	148	5.83
90 3"	51	2.01	269	10.60	179	7.05
110 4"	61	2.40	279	10.98	179	7.05



D / G	L	H	E			
mm	mm	mm	mm			
16 $\frac{3}{8}$ "	16	0.63	107	4.21	52	2.04
20 $\frac{1}{2}$ "	16	0.63	107	4.21	52	2.04
25 $\frac{3}{4}$ "	19	0.79	130	5.12	62	2.44
32 1"	22	0.87	154	6.06	70	2.76
40 1½"	26	1.02	176	6.93	84	3.31
50 1½"	31	1.22	202	7.95	94	3.70
63 2"	38	1.50	239	9.41	117	4.60
75 2½"	44	1.73	306	12.05	148	5.83
90 3"	51	2.01	362	14.25	179	7.05
110 4"	61	2.40	367	14.45	179	7.05

Pressure rates / Pressions / Presiones / Pressões

Pressure / Temperature Graph Diagramme Pression / Température Diagrama Presión / Temperatura Diagrama Pressão / Temperatura



20 years / water flow
20 années / fluide de l'eau
20 años / fluido agua
20 anos / caudal de água

Ball check valves Clapets à boisseau Válvulas anti-retorno de bola Válvulas de retenção de esfera Materials / Matériaux / Materiales / Materials



Parts

1. Body
3. Ball
4. Union nut
5. End connector
7. Body O-Ring
8. End connector O-Ring
9. Seal carrier
10. Foot valve screen

Pièces

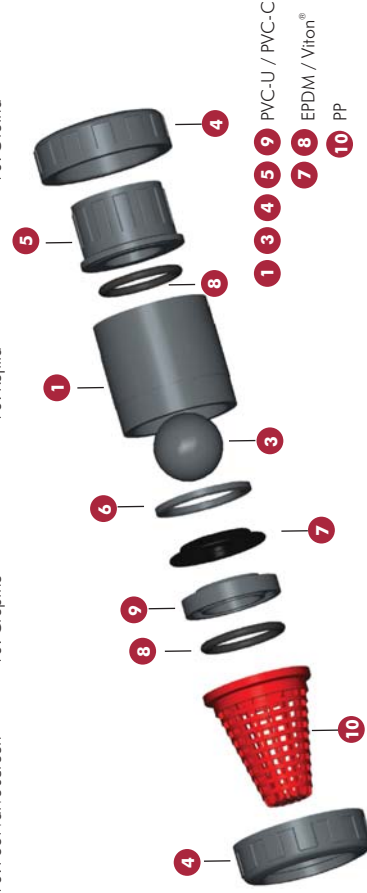
1. Corps
3. Boisseau
4. Ecrou
5. Collet
6. Douille de poussée
7. Joint du corps
8. Joint collet
9. Porte-joint
10. Crépine

Despiece

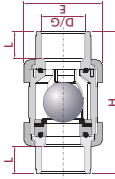
1. Cuerpo
3. Bola
4. Tuerca
5. Manguito enlace
6. Anillo de cierre
7. Junta cuerpo
8. Junta manguito
9. Portajuntas
10. Rejilla

Peças

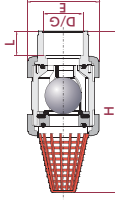
1. Corpo
3. Esfera
4. Porca
5. União
6. Anel do fechamento
7. Junta do corpo
8. Junta colarinho
9. Portajuntas
10. Grelha



Dimensions / Dimensions / Dimensiones / Dimensões



D / G	L	H	E				
mm	mm	mm	mm				
20	1/2"	16	0.63	84	3.31	52	2.04
25	3/4"	19	0.79	108	4.25	62	2.44
32	1"	22	0.87	119	4.68	70	2.76
40	1 1/4"	26	1.02	142	5.60	84	3.31
50	1 1/2"	31	1.22	162	6.38	94	3.70
63	2"	38	1.50	192	7.55	117	4.60
75	2 1/2"	44	1.73	232	9.13	148	5.83
90	3"	51	2.01	269	10.60	179	7.05
110	4"	61	2.40	279	10.98	179	7.05



D / G	L	H	E				
mm	mm	mm	mm				
20	1/2"	16	0.63	107	4.21	52	2.04
25	3/4"	19	0.79	130	5.12	62	2.44
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40	1 1/4"	26	1.02	176	6.93	84	3.31
50	1 1/2"	31	1.22	202	7.95	94	3.70
63	2"	38	1.50	239	9.41	117	4.60
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110	4"	61	2.40	367	14.45	179	7.05

- 1
- 3
- 4
- 5
- 9
- PVC-U / PVC-C
- 7
- 8
- EPDM / Viton®
- 10
- PP

Range

- Spring check and foot valves.
- Sizes from 20 mm to 110 mm (1/2" - 4").

Standards

- Available Standards: Metric, ASTM, British Standard, JIS.

- Threaded versions: BSP e NPT.

Working pressure

- At 20°C D20-D63 (1/2" - 2") PN 1.6 (240 PSI@73°F)
- D75-D110 (2 1/2" - 4") PN 1.0 (150 PSI@73°F)

Features

- Easy installation and maintenance.
- For horizontal or vertical installations.
- Minimum back pressure: 0.2 bar (3 PSI).
- Available in PVC-U and Corzan® PVC-C.
- PVC-C: service temperatures up to 93°C (200°F) and exceptional corrosion resistance.
- EPDM or Viton® O-Rings.

Dimensions

- Clapets à ressort et clapets crépine.
- Du D20 mm au D110 mm (1/2" - 4").

Standards

- Standards disponibles: Métrique, ASTM, British Standard, JIS.

- Versions à visser: BSP et NPT.

Pression de service

- A 20°C D20-D63 (1/2" - 2") PN 1.6 (240 PSI@73°F)
- D75-D110 (2 1/2" - 4") PN 1.0 (150 PSI@73°F)

Caractéristiques

- Facile d'installation et d'entretien.
- Pour une utilisation en position verticale ou horizontale.
- Pression minimale: 0.2 bar (3 PSI).
- Disponibles en PVC-U et en Corzan® PVC-C.
- PVC-C: température de service jusqu'à 93°C (200°F) et très bonne résistance à la corrosion.
- Joints en EPDM ou Viton®.

Medidas

- Válvulas anti-retorno y de pie.
- Desde 20 mm a 110 mm (1/2" - 4").

Standards

- Standards disponibles: Métrico, ASTM, British Standard, JIS.

- Versiones roscadas: BSP y NPT.

Presión de servicio

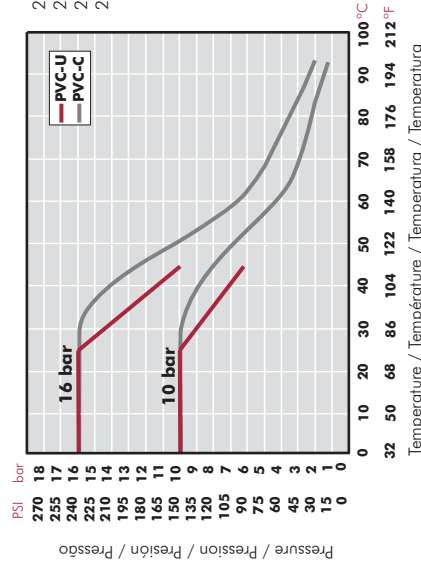
- A 20°C D20-D63 (1/2" - 2") PN 1.6 (240 PSI@73°F)
- D75-D110 (2 1/2" - 4") PN 1.0 (150 PSI@73°F)

Características

- Fácil instalación y mantenimiento.
- Para instalación en posición horizontal o vertical.
- Presión mínima: 0.2 bar (3 PSI).
- Disponibles en PVC-U y Corzan® PVC-C.
- PVC-C: temperaturas de servicio hasta 93°C (200°F) y excepcional resistencia a la corrosión.
- Juntas en EPDM o Viton®.

Pressure rates / Pressions / Presiones / Pressões

Pressure / Temperature Graph Diagramme Pression / Température Diagrama Presión / Temperatura Diagrama Pressão / Temperatura



Check Valves

Range

- Sizes from 63 mm to 315 mm (2" - 12").

Standards

- Available Standards: ISO/DIN, ANSI/ASTM.

Working pressure

- At 20°C D63-D140 (2" - 5") PN10 (150 PSI@73°F)
D160-D315 (6" - 12") PN 6 (90 PSI @ 73°F)

Features

- Requires little space in piping systems.
- Easy installation: water body slips between standard flanges. No gaskets required.
- Vertical and horizontal operation.
- Available with EPDM or Viton® O-Rings.
- Excellent flow characteristics.

Dimensions

- Du D63 mm au D315 mm (2" - 12").

Standards

- Standards disponibles: ISO/DIN, ANSI/ASTM.

Pression de service

- A 20°C D63-D140 (2" - 5") PN 10 (150 PSI@73°F)
D160-D315 (6" - 12") PN 6 (90 PSI @ 73°F)

Características

- Facile encombrement.
- Facile d'installation: se monte entre deux brides standards.
- S'utilise indifféremment en position verticale ou horizontale.
- Joints en EPDM ou Viton®.
- Excellentes caractéristiques de conduction.

Medidas

- Desde 63 mm a 315 mm (2" - 12").

Standards

- Standards disponibles: ISO/DIN, ANSI/ASTM.

Presión de servicio

- A 20°C D63-D140 (2" - 5") PN 10 (150 PSI@73°F)
D160-D315 (6" - 12") PN 6 (90 PSI @ 73°F)

Características

- Requiere poco espacio en la instalación.
- Fácil instalación: se monta entre bridas standard.
- Instalación vertical y horizontal.
- Junta de la clapeta en EPDM o Viton®.
- Excelentes características de conducción.

Medidas

- Desde 63 mm a 315 mm (2" - 12").

Standards

- Standards disponibles: ISO/DIN, ANSI/ASTM.

Pressão de serviço

- A 20°C D63-D140(2" - 5") PN 10 (150 PSI@73°F)
D160-D315 (6" - 12") PN 6 (90 PSI @ 73°F)

Características

- Requer pouco espaço na instalação.
- Fácil instalação: monta-se entre flanges standard.
- Instalação vertical ou horizontal.
- Junta em EPDM ou Viton®.
- Excelentes características de condução.

Swing check valves Clapets à battant Válvulas de clapeta Válvulas de clapeta

Materials / Matériaux / Materiales / Materiais

Parts

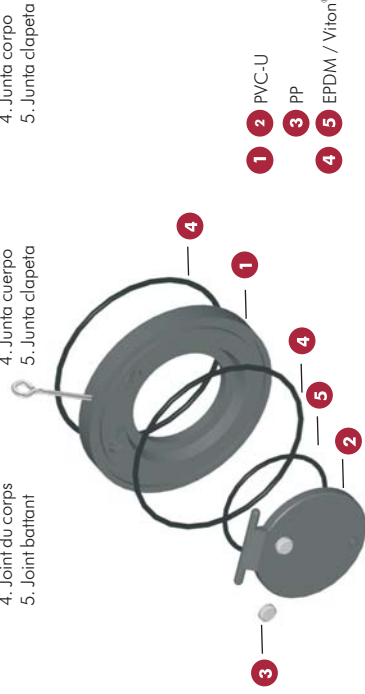
1. Body
2. Flap
3. Cap
4. Body O-ring
5. Flap O-ring

Pièces

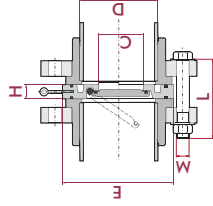
1. Corps
2. Clapeta
3. Tapón
4. Joint du corps
5. Joint battant

Peças

1. Corpo
2. Clapeta
3. Tampão
4. Junta corpo
5. Junta clapeta



Dimensions / Dimensions / Dimensiones / Dimensões

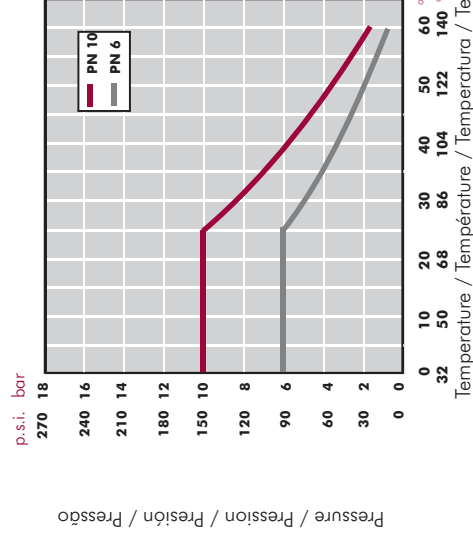


	D		C		H		E		M x L	
	mm	"	mm	"	mm	"	mm	"	mm	"
63 / 2"	32	1.24	20	0.78	109	4.25	16x120	0.63x4.72		
75 / 2 1/2"	40	1.57	20	0.79	129	5.08	16x120	0.63x4.72		
90 / 3"	52	2.05	20	0.79	144	5.67	16x120	0.63x4.72		
110 / 4"	70	2.76	22	0.87	164	6.46	16x120	0.63x4.72		
125 / 4 1/2"	83	3.27	25	0.98	170	6.69	16x130	0.63x5.12		
140 / 5"	92	3.62	24	0.94	195	7.68	16x130	0.63x5.12		
160 / 6"	112	4.41	26	1.02	220	8.66	20x160	0.79x6.30		
200 / 7"	139	5.47	28	1.10	247	9.72	20x160	0.79x6.30		
225 / 8"	150	5.91	34	1.34	275	10.83	20x180	0.79x6.30		
250 / 9"	162	6.32	40	1.56	328	12.79	20x210	0.79x8.19		
315 / 12"	225	8.77	45	1.75	380	14.82	20x230	0.79x8.97		

Pressure / Temperature Graph

Diagramme Pression / Température

Diagrama Presión / Temperatura Diagrama Pressão / Temperatura



20 years / water flow
20 années / fluide de l'eau
20 años / fluido agua
20 anos / caudal de água



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