Group 7
Valves
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</table>
Construction:
Nickel-plated pressure-brass valve body.
Ball of hard chrome-plated brass.
Ball Seal - PTFE.
Stem Seal - PTFE. 1/4” - 2”

Pressure:  
- 1/4” - 1/2”  BSP: 50 bar
- 3/4” - 1”  BSP: 40 bar
- 1.1/4” - 1.1/2”  BSP: 30 bar
- 2”  BSP: 25 bar
- 2.1/2”  BSP: 18 bar
- 3”  BSP: 16 bar
- 4”  BSP: 14 bar

Temp. Range: -20°C to +150°C

Applications:
Water, steam, compressed air, oils, fuel, liquefied gases, etc.

---

BALL VALVE Type 115
Nickel-plated Brass
Full Throughput

<table>
<thead>
<tr>
<th>Dim. Conc. Thread</th>
<th>Type 115 Female BSP</th>
<th>Type 115 Female NPT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4”</td>
<td>T115-04RP</td>
<td>T115-04F</td>
</tr>
<tr>
<td>3/8”</td>
<td>T115-06RP</td>
<td>T115-06F</td>
</tr>
<tr>
<td>1/2”</td>
<td>T115-08RP</td>
<td>T115-08F</td>
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<tr>
<td>3/4”</td>
<td>T115-12RP</td>
<td>T115-12F</td>
</tr>
<tr>
<td>1”</td>
<td>T115-16RP</td>
<td>T115-16F</td>
</tr>
<tr>
<td>1.1/4”</td>
<td>T115-20RP</td>
<td>T115-20F</td>
</tr>
<tr>
<td>1.1/2”</td>
<td>T115-24RP</td>
<td>T115-24F</td>
</tr>
<tr>
<td>2”</td>
<td>T115-32RP</td>
<td>T115-32F</td>
</tr>
<tr>
<td>2.1/2”</td>
<td>T115-40RP</td>
<td>T115-40F</td>
</tr>
<tr>
<td>3”</td>
<td>T115-48RP</td>
<td>T115-48F</td>
</tr>
<tr>
<td>4”</td>
<td>T115-64RP</td>
<td>T115-64F</td>
</tr>
</tbody>
</table>

---

BALL VALVE Type 125
Stainless Steel AISI 316
Full Throughput

<table>
<thead>
<tr>
<th>Dim. Conc. Thread</th>
<th>Type 125 Female BSP</th>
<th>Type 125 Female NPT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4”</td>
<td>T125-04RP</td>
<td>T125-04F</td>
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<td>T125-06F</td>
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<tr>
<td>1/2”</td>
<td>T125-08RP</td>
<td>T125-08F</td>
</tr>
<tr>
<td>3/4”</td>
<td>T125-12RP</td>
<td>T125-12F</td>
</tr>
<tr>
<td>1”</td>
<td>T125-16RP</td>
<td>T125-16F</td>
</tr>
<tr>
<td>1.1/4”</td>
<td>T125-20RP</td>
<td>T125-20F</td>
</tr>
<tr>
<td>1.1/2”</td>
<td>T125-24RP</td>
<td>T125-24F</td>
</tr>
<tr>
<td>2”</td>
<td>T125-32RP</td>
<td>T125-32F</td>
</tr>
<tr>
<td>2.1/2”</td>
<td>T125-40RP</td>
<td>T125-40F</td>
</tr>
<tr>
<td>3”</td>
<td>T125-48RP</td>
<td>T125-48F</td>
</tr>
<tr>
<td>4”</td>
<td>T125-64RP</td>
<td>T125-64F</td>
</tr>
</tbody>
</table>

CONSTRUCTION:
AISI 316 stainless steel valve body, ball and spindle.
Ball Seal - PTFE and Viton.
Comes with BSP and NPT female thread.

Pressure:  
- 1/4” - 2”  BSP/NPT 69 bar
- 2.1/2” - 3”  BSP/NPT 63 bar
- 4”  BSP/NPT 55 bar

Temp. Range: -20°C to +180°C

APPLICATIONS:
Robust and solid ball valve for water, oil, gasoline, gas, air, steam, food articles and a variety of chemicals.
**BALL VALVE Type 128**
Nickel-plated Brass
3-way w/ L-bore

**CONSTRUCTION:**
Nickel-plated pressure-brass valve body.
Hard chrome-plated brass ball.
Ball Seal - PTFE.
Stem Seal - PTFE. 1/4” - 2”
Comes with BSP and NPT female thread.

**Pressure:** 1/4” - 2”  BSP 25 bar

**Temp. Range:** -15°C to +120°C

**APPLICATIONS:**
Water, steam, compressed air, oils, fuel, liquefied gases, etc.

---

**BALL VALVE Type 130/131**
Stainless Steel AISI 316
T130: 3-way w/ L-bore
T131: 3-way m /T-bore

**CONSTRUCTION:**
AISI 316 stainless steel valve body, ball and spindle.
Ball Seal - PTFE.
Stem Seal - PTFE and Viton.
Comes with BSP and NPT female thread.

**Pressure:** 1/4” - 2”  BSP/NPT 69 bar

**Temp. Range:** -15°C to +175°C

**APPLICATIONS:**
Robust and solid ball valve for water, oil, gasoline, gas, air, steam, food articles and a variety of chemicals.
BALL VALVES
LOW PRESSURE

BALL VALVE Type 127
Nickel-plated Brass
Full Throughput

CONSTRUCTION:
Nickel-plated pressure-brass valve body.
Hard chrome-plated brass ball.
Ball Seal - PTFE.
Stem Seal - Viton
Comes with flanges according to DIN 2632/33 PN 10/16.

Pressure: 1/4" - 4" 16 bar
Temp. Range: -20°C to +150°C

Applications:
Water, steam, compressed air, oils, fuel,
liquefied gases, etc.

<table>
<thead>
<tr>
<th>Dim.</th>
<th>Type 127</th>
<th>Type 123</th>
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<tbody>
<tr>
<td>Conct.</td>
<td>DIN fl.</td>
<td>Handle</td>
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<td>3/4&quot;</td>
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<td>T127-16</td>
<td>T123-16</td>
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<td>1.1/4&quot;</td>
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<td>1.1/2&quot;</td>
<td>T127-24</td>
<td>T123-24</td>
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<td>2&quot;</td>
<td>T127-32</td>
<td>T123-32</td>
</tr>
<tr>
<td>2.1/2&quot;</td>
<td>T127-40</td>
<td>T123-40</td>
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<tr>
<td>3&quot;</td>
<td>T127-48</td>
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</tr>
<tr>
<td>4&quot;</td>
<td>T127-64</td>
<td>T123-64</td>
</tr>
</tbody>
</table>

BALL VALVE Type 137/138
DIN and ANSI Flanges
Stainless Steel AISI 316
Standard and Economy Series

CONSTRUCTION:
CF8M/316 valve body.
AISI 316 ball.
Ball Seal - PTFE.
Stem Seal - Viton
Firesafe design.
Standard and economy series.
Comes with flanges according to DIN 2632/33 PN 10/16 and ANSI B16.5 Class 150

Pressure: 3/4" - 4" 16 bar
Temp. Range: -20°C to +150°C

APPLICATIONS:
Water, steam, compressed air, oils, fuel,
liquefied gases, etc.

<table>
<thead>
<tr>
<th>Dim.</th>
<th>STANDARD</th>
<th>ECONOMY</th>
<th>STANDARD</th>
<th>ECONOMY</th>
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</thead>
<tbody>
<tr>
<td>Conct.</td>
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<td>Type 137E</td>
<td>Type 138</td>
<td>Type 138E</td>
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<tr>
<td>Thread</td>
<td>DIN fl.</td>
<td>DIN fl.</td>
<td>ANSI 150#</td>
<td>ANSI 150#</td>
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<td>T137E-16SS</td>
<td>T138-16SS</td>
<td>T138E-16SS</td>
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<tr>
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<td>T137E-20SS</td>
<td>T138-20SS</td>
<td>T138E-20SS</td>
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<td>1.1/2&quot;</td>
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<td>T138-24SS</td>
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<td>T137E-48SS</td>
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<tr>
<td>4&quot;</td>
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<td>T137E-64SS</td>
<td>T138-64SS</td>
<td>T138E-64SS</td>
</tr>
</tbody>
</table>
**Type 140**

**Construction:** Brass valve body.
**BSP connection**

**Pressure:** 1/4" - 3/4" 210 bar

**Temp:** -20°C to +150°C

**Applications:** Water, steam, comp. air, oils, fuel, liquefied gases.

---

**Type 141**

**Construction:** Carbon steel valve body.
**BSP connection**

**Pressure:** 1/4" - 3/4" 350 bar

**Temp:** -20°C to +150°C

**Applications:** Water, steam, comp. air, oils, fuel, liquefied gases.

---

**Type 142**

**Construction:** Carbon steel valve body.
**BSP connection**

**Pressure:** 1/4" - 3/4" 400 bar

**Temp:** -20°C to +150°C

**Applications:** Water, steam, comp. air, oils, fuel, liquefied gases.

---

**Type 143**

**Construction:** AISI 316 valve body.
**BSP=RP/NPT=F connection**

**Pressure:** 3/4" - 1" 413 bar

**Temp:** -20°C to +150°C

**Applications:** Water, steam, comp. air, oils, fuel, liquefied gases.

---

**Type 144**

**Construction:** Brass valve body.
**BSP connection**

**Pressure:** 1/4" - 1/2" 210 bar

**Temp:** -20°C to +150°C

**Applications:** Water, steam, compressed air, oils, fuel, etc.

---

**Type 145**

**Construction:** Carbon steel valve body.
**BSP connection**

**Pressure:** 1/4" - 1/2" 350 bar

**Temp:** -20°C to +150°C

**Applications:** Water, steam, compressed air, oils, fuel, etc.

---

**Type 146**

**Construction:** Carbon steel valve body.
**BSP connection**

**Pressure:** 3/4" - 1/2" 400 bar

**Temp:** -20°C to +150°C

**Applications:** Water, steam, compressed air, oils, fuel, etc.

---

**Type 147**

**Construction:** AISI 316 valve body.
**BSP connection**

**Pressure:** 3/4" - 1/2" 413 bar

**Temp:** -20°C to +150°C

**Applications:** Water, steam, compressed air, oils, fuel, etc.
CONSTRUCTION:
Wafer type butterfly valve.
Cast-iron valve body.
AISI 316 / Aluminium bronze disc.
Gasket EPDM - Buna/NBR
Lock on the handle.
ISO 5211 Top for Actuator
Standard and economy series.
Comes with universal flange for DIN/ANSI

Pressure: 1.1/2” - 8” 16 bar
Temperature Range: -20°C to +150°C
Applications: Water, air, oils, fuel, gases, etc.

AVAILABLE ON REQUEST

CONSTRUCTION:
Lug type butterfly valve. Cast-iron valve body. AISI 316 / Aluminium bronze disc.
Gasket EPDM - Buna/NBR. Lock on the handle. ISO 5211 Top for Actuator.
Available for DIN or ANSI.
Pressure: 1.1/2” - 8” 16 bar
Temp. Range: -2°C to +150°C
Applications: Water, air, oils, fuel, gases, etc.
From 1/8” to 1.1/4” is block valve (BKH).
1.1/2” and 2” have forged steel valve body (SKH).

**CONSTRUCTION:**
Block Valve: Valve body - steel 1/8” - 1.1/4”
Forged steel: Valve body - CK 45 1.1/2” - 2”
Hard chrome-plated steel ball.
Ball Seal - polyamide.
Stem Seal - BUNA N.
Comes with BSP and NPTF female thread.

**Pressure:**
- 1/8” - 1/2” 500 bar
- 3/4” 400 bar
- 1” - 2” 350 bar

**Temp. Range:** -10°C to +100°C

**APPLICATIONS:**
High pressure hydraulic, water, air, fuel, liquefied gases, liquids, etc.

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**BALL VALVE**
**HIGH PRESSURE**
**BKH/SKH Type 8000/8100**

**CONSTRUCTION:**
Block Valve: Valve body - steel 1/8” - 1.1/4”
Forged steel: Valve body - CK 45 1.1/2” - 2”
Hard chrome-plated steel ball.
Ball Seal - polyamide.
Stem Seal - BUNA N.
Comes with BSP and NPTF female thread.

**Pressure:**
- 1/8” - 1/2” 500 bar
- 3/4” 400 bar
- 1” - 2” 350 bar

**Temp. Range:** -10°C to +100°C

**APPLICATIONS:**
High pressure hydraulic, water, air, fuel, liquefied gases, liquids, etc.

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**BALL VALVE**
**HIGH PRESSURE**
**RKH Type 8000/8100**
Stainless Steel AISI 316 L

**CONSTRUCTION:**
Block valve: Valve body - AISI 316L
AISI 316L ball
Ball Seal - polyamide.
Stem Seal - BUNA N.
Comes with BSP and NPTF female thread.

**Pressure:**
- 1/8” - 1/2” 500 bar
- 3/4” 400 bar
- 1” - 2” 350 bar

**Temp. Range:** -20°C to +120°C

**APPLICATIONS:**
High pressure hydraulic, water, air, fuel, liquefied gases, liquids, etc.
BALL VALVE HIGH PRESSURE 3-WAY
BK3 - Type 9000 - L-bore
BK3 - Type 9100 - T-bore

CONSTRUCTION:
Block valve. Valve body - steel.
Hard chrome-plated steel ball.
Ball Seal - polyamide.
Stem Seal - BUNA N.
Comes with BSP female thread.

Pressure:
1/8” - 3/8”  400 bar
1/2” - 2”   350 bar

Temp. Range:  -10°C to +100°C

APPLICATIONS:
High pressure hydraulic, water, air, fuel, liquefied gases, liquids, etc.

Dim.  Conct.  Type 9000  Type 9100
Thread  L-bore  T-bore
1/8” T9000-02 T9100-02
1/4” T9000-04 T9100-04
3/8” T9000-06 T9100-06
1/2” T9000-08 T9100-08
3/4” T9000-12 T9100-12
1” T9000-16 T9100-16
1.1/4” T9000-20 T9100-20
1.1/2” T9000-24 T9100-24
2” T9000-32 T9100-32

BALL VALVE HIGH PRESSURE 3-WAY
BK3 - Type 9000 - L-bore
Stainless Steel AISI 316 L

CONSTRUCTION:
Block valve. Valve body - AISI 316L
AISI 316L ball.
Ball Seal - polyamide.
Stem Seal - BUNA N.
Comes with BSP female thread.

Pressure:
1/4” - 3/8”  400 bar
1/2” - 1”   350 bar

Temp. Range:  -20°C to +120°C

APPLICATIONS:
High pressure hydraulic, water, air, fuel, liquefied gases, liquids, etc.

Dim.  Conct.  Type 9000
Thread  L-bore
1/4” T9000-04SS
3/8” T9000-06SS
1/2” T9000-08SS
3/4” T9000-12SS
1” T9000-16SS
1.1/4” T9000-20SS
1.1/2” T9000-24SS
2” T9000-32SS

www.fluidcontrol.no
BALL VALVES
HIGH PRESSURE

BALL VALVE
HIGH PRESSURE 6000 PSI
PB Type 82
Stainless Steel AISI 316 L

CONSTRUCTION:
Block valve. Valve body - AISI 316L
AISI 316L ball.
Ball Seal - PEEK.
Stem Seal - PTFE/PEEK.
Comes with BSP/NPT female thread.

Pressure: 1/4” - 1” 413 bar
Temp. Range: -50°C to +250°C

APPLICATIONS:
High pressure hydraulic, water, air, fuel, liquefied gases, liquids, etc.

<table>
<thead>
<tr>
<th>Dim. Conc. Thread</th>
<th>Type 8300</th>
<th>Bore Diam. mm</th>
<th>Type 8400</th>
<th>Bore Diam. mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4”</td>
<td>T82B-04SS</td>
<td>10</td>
<td>T82N-04SS</td>
<td>10</td>
</tr>
<tr>
<td>3/8”</td>
<td>T82B-06SS</td>
<td>10</td>
<td>T82N-06SS</td>
<td>10</td>
</tr>
<tr>
<td>1/2”</td>
<td>T82B-08SS</td>
<td>10</td>
<td>T82N-08SS</td>
<td>10</td>
</tr>
<tr>
<td>3/4”</td>
<td>T82B-12SS</td>
<td>13</td>
<td>T82N-12SS</td>
<td>13</td>
</tr>
<tr>
<td>1”</td>
<td>T82B-16SS</td>
<td>19</td>
<td>T82N-16SS</td>
<td>19</td>
</tr>
</tbody>
</table>

BALL VALVE
HIGH PRESSURE 10.000 PSI
UB Type 83
Stainless Steel AISI 316 L

CONSTRUCTION:
Block valve. Valve body - AISI 316L
AISI 316L ball.
Ball Seal - PEEK.
Stem Seal - PTFE/PEEK.
Comes with BSP/NPT female thread.

Pressure: 1/4” - 1” 690 bar
Temp. Range: -20°C to +250°C

APPLICATIONS:
High pressure hydraulic, water, air, fuel, liquefied gases, liquids, etc.

<table>
<thead>
<tr>
<th>Dim. Conc. Thread</th>
<th>Type 8300</th>
<th>Bore Diam. mm</th>
<th>Type 8400</th>
<th>Bore Diam. mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4”</td>
<td>T83B-04SS</td>
<td>10</td>
<td>T83N-04SS</td>
<td>10</td>
</tr>
<tr>
<td>3/8”</td>
<td>T83B-06SS</td>
<td>10</td>
<td>T83N-06SS</td>
<td>10</td>
</tr>
<tr>
<td>1/2”</td>
<td>T83B-08SS</td>
<td>10</td>
<td>T83N-08SS</td>
<td>10</td>
</tr>
<tr>
<td>3/4”</td>
<td>T83B-12SS</td>
<td>13</td>
<td>T83N-12SS</td>
<td>13</td>
</tr>
<tr>
<td>1”</td>
<td>T83B-16SS</td>
<td>19</td>
<td>T83N-16SS</td>
<td>19</td>
</tr>
</tbody>
</table>
CHECK VALVE
Type «EUROPA»

Construction:
Brass valve body. Glass fiber reinforced synthetic material valve disc. Valve seat has vulcanized elastic sealing of synthetic special rubber. Valve disc coating and spring are CrNi steel.

Working Pressure:
- 3/8” - 1” 25 bar
- 1 1/4” - 2” 18 bar
- 2 1/2” - 4” 12 bar

Temp. Range:
Max. -20 +100°C

Applications:
Sanitary and heating systems, water, compressed air, hydraulic, fuel, etc. Can be assembled in any position. Comes with BSP female thread.

Opening pressure:
0.05 bar

<table>
<thead>
<tr>
<th>Type/dim.</th>
<th>1/4”</th>
<th>3/8”</th>
<th>1/2”</th>
<th>3/4”</th>
<th>1”</th>
<th>1.1/4”</th>
<th>1.1/2”</th>
<th>2”</th>
<th>2.1/2”</th>
<th>3”</th>
<th>4”</th>
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<tbody>
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<td>-04</td>
<td>-06</td>
<td>-08</td>
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<td>-24</td>
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<td>-40</td>
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<td>-64</td>
</tr>
</tbody>
</table>

CHECK VALVE
«Inline Check Valves»
Snap-Tite Type CPIFF/3C

Construction:
Valve body/inside parts of steel. Available with BSP/NPT female thread. Opening pressure 5 PSI (0.35 bar). Valves for opening pressure 1 Bar, 1.75 Bar and 4.5 Bar available on request. Viton gasket.

Working Pressure:
- 1/4” - 1” 5000 PSI (350 bar). - 1.1/4” - 2” 3000 PSI (210 BAR)

Temp. Range:
-29°C to +190°C

Applications:
Wide application area where free flow in one direction and blocked flow in the opposite direction is required.

Safety factor 4:1

<table>
<thead>
<tr>
<th>Dim.</th>
<th>1/4”</th>
<th>3/8”</th>
<th>1/2”</th>
<th>3/4”</th>
<th>1”</th>
<th>1.1/4”</th>
<th>1.1/2”</th>
<th>2”</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hex. mm</td>
<td>19.5</td>
<td>25.40</td>
<td>31.75</td>
<td>35.05</td>
<td>44.45</td>
<td>50.80</td>
<td>63.50</td>
<td>82.55</td>
</tr>
<tr>
<td>Length mm</td>
<td>50.04</td>
<td>66.04</td>
<td>82.55</td>
<td>109.98</td>
<td>121.41</td>
<td>146.30</td>
<td>165.35</td>
<td>184.90</td>
</tr>
<tr>
<td>Flow L/min.</td>
<td>11.40</td>
<td>30.30</td>
<td>45.40</td>
<td>75.70</td>
<td>113.55</td>
<td>340.65</td>
<td>473.15</td>
<td>662.40</td>
</tr>
<tr>
<td>Weight kg</td>
<td>0.09</td>
<td>0.11</td>
<td>0.61</td>
<td>0.57</td>
<td>1.02</td>
<td>1.70</td>
<td>3.54</td>
<td>5.90</td>
</tr>
<tr>
<td>Part no. BSP</td>
<td>CPIFF-2RP</td>
<td>CPIFF-3RP</td>
<td>CPIFF-4RP</td>
<td>CPIFF-6RP</td>
<td>CPIFF-8RP</td>
<td>3C20RP-RP</td>
<td>3C24RP-RP</td>
<td>3C32RP-RP</td>
</tr>
<tr>
<td>Part no. NPT</td>
<td>CPIFF-2F</td>
<td>CPIFF-3F</td>
<td>CPIFF-4F</td>
<td>CPIFF-6F</td>
<td>CPIFF-8F</td>
<td>3C20F-F</td>
<td>3C24F-F</td>
<td>3C32F-F</td>
</tr>
</tbody>
</table>

www.fluidcontrol.no
CHECK VALVE
«Inline Check Valves»
Snap-Tite Type S6C
AISI 316

Construction: Valve body and inside parts of AISI 316 stainless steel. Comes with NPT female thread as standard. Available with BSP and JIC thread on request. Opening pressure 5 PSI (0.35 BAR). Valves for different opening pressures available on request. VITON gasket.

Working Pressure: 10000 PSI (690 bar).

Temp. Range: -15°C to +170°C

Applications: Wide application area where free flow in one direction and blocked flow in the opposite direction is required.

Safety factor 4:1

<table>
<thead>
<tr>
<th>Dim.</th>
<th>1/4”</th>
<th>3/8”</th>
<th>1/2”</th>
<th>3/4”</th>
<th>1”</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hex. mm</td>
<td>19.5</td>
<td>28.45</td>
<td>31.75</td>
<td>41.15</td>
<td>47.75</td>
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<tr>
<td>Length mm</td>
<td>71.60</td>
<td>85.85</td>
<td>94.75</td>
<td>124.70</td>
<td>154.20</td>
</tr>
<tr>
<td>Flow l/min.</td>
<td>11.40</td>
<td>30.30</td>
<td>45.45</td>
<td>75.70</td>
<td>113.55</td>
</tr>
<tr>
<td>Weight kg.</td>
<td>0.13</td>
<td>0.37</td>
<td>0.54</td>
<td>0.93</td>
<td>1.54</td>
</tr>
<tr>
<td>Part no. NPT</td>
<td>S6C4F-F</td>
<td>S6C6F-F</td>
<td>S6C8F-F</td>
<td>S6C12F-F</td>
<td>S6C16F-F</td>
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