

# FlowCon Strainer 15-40mm

## Strainer Valve



### SPECIFICATIONS

Pressure rating: 2500 kPa / 360 psi  
Temperature rating, media: -20°C to +120°C / -4°F to +248°F  
Material:  
- Strainer: 250μ (=60 mesh) stainless steel

#### **Valve:**

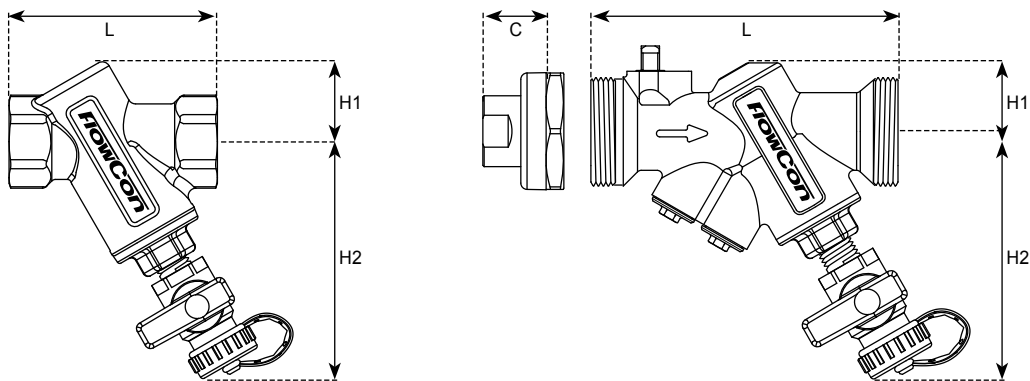
Material:  
- Body: Forged brass ASTM CuZn40Pb2  
- Ball valve: ABS: Chemically nickel plated brass ball  
End Connections: A: Female ISO or NPT  
AB: Female ISO or NPT  
ABS: Union end connections in brass alloy ISO or NPT

## DIMENSIONS AND WEIGHTS (NOMINAL) (measured in mm unless noted)

Valve model	Valve size	Strainer size	L	H1	H2	End connections C <sup>1</sup>			Weight <sup>2</sup> (kgs.) w/o end conn.
						ISO female	ISO male	Sweat	
A	15	20	80	31	79	-	-	-	0.48
	20								0.45
	25		91						0.49
AB	15	20	82	31	79	-	-	-	0.47
	20		94						0.53
	25		102						0.59
	25	40	82	47	104	-	-	-	1.90
	32		94						1.70
ABS1	15	20	122	33	79	22	24	20	0.75
	20					22	25	20	
	25					-	39	22	
ABS2	25	40	122	42	104	35	40	34	2.10
	32					33	40	34	
	40					33	42	-	

Note 1: Add end connection length to body length.

Note 2: Weight of valvebody with blind cap and blind plugs (without union end connections).



## MODEL NUMBER SELECTION

Insert type of cap:

**0**=No cap **1**=Cap **2**=Cap and Blowdown

Insert type of body:

20mm Strainer: **01**=AB15 **02**=AB20 **03**=ABS1 **04**=A15 **05**=A20 **06**=A25 **07**=AB25  
40mm Strainer: **15**=ABS2 **21**=AB25 **22**=AB32

Insert p/t plug requirements:

Leave it **blank** if no p/t plugs are required **B**=pressure/temperature plugs **P**=taps plugged

Insert inlet x outlet union end connections - leave it **blank** if A- or AB-body or no end connections required:

Body size	Female threaded	Male treaded	Sweat
Union end 15-25mm, 1/2"-1"	<b>E</b> = 15mm=1/2" <b>F</b> = 20mm=3/4"	<b>H</b> = 15mm=1/2" <b>I</b> = 20mm=3/4" <b>J</b> = 25mm=1"	<b>K</b> = 15mm <b>L</b> = 18mm <b>M</b> = 22mm
Union end 25-40mm, 1"-1 1/2"	<b>G</b> = 25mm=1" <b>P</b> = 32mm=1 1/4" <b>Q</b> = 40mm=1 1/2"	<b>J</b> = 25mm=1" <b>S</b> = 32mm=1 1/4" <b>T</b> = 40mm=1 1/2"	<b>N</b> = 28mm <b>W</b> = 35mm

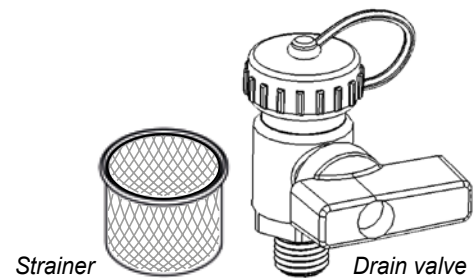
Insert connection standard:

**I**=ISO **N**=NPT

Example: S.1.01.P.I=Strainer in AB 15mm ISO female threaded body with plugs.

## ACCESSORIES

- Strainer, mesh 60: ACC609002 (DN15/20/25), ACC609003 (DN25/32/40)
- Blind cap: ACC0080 (DN15/20/25), ACC0081 (DN25/32/40) (cap for flushing out the system)
- Blow-down cap: ACC0082 (DN15/20/25), ACC0083 (DN25/32/40) (cap for applying drain valve)
- Drain valve: ACC913302 (1/4").



## GENERAL SPECIFICATIONS

### 1. STRAINER - FLOWCON A

- 1.1. Contractor shall install strainers where indicated in drawings.
- 1.2. Valve shall consist of strainer, mesh 60.

### 2. VALVE HOUSING

#### 2.a. **FlowCon A**

- 2.a.1. Valve housing shall consist of forged brass ASTM CuZn40Pb2, rated at no less than 2500 kPa static pressure and +120°C.
- 2.a.2. Valve housing shall be permanently marked to show direction of flow.
- 2.a.3. Housing shall be configured for strainer unit accessibility.
- 2.a.4. Drain valve shall be available for all valve sizes.

OR....

#### 2.b. **FlowCon AB**

- 2.b.1. Valve housing shall consist of forged brass ASTM CuZn40Pb2, rated at no less than 2500 kPa static pressure and +120°C.
- 2.b.2. Valve housing shall be permanently marked to show direction of flow.
- 2.b.3. Optional pressure/temperature test plugs for verifying performance shall be available for all valve sizes.
- 2.b.4. Housing shall be configured for strainer unit accessibility.
- 2.b.5. Drain valve shall be available for all valve sizes.

OR....

#### 2.c. **FlowCon ABS**

- 2.c.1. Valve housing shall consist of forged brass ASTM CuZn40Pb2, rated at no less than 2500 kPa static pressure and +120°C.
- 2.c.2. Valve housing shall be permanently marked to show direction of flow.
- 2.c.3. Valve housing shall be double union end constructed with a range of pipe connections available for the appropriate pipe size.
- 2.c.4. Valve ball shall consist of chemically nickel plated brass (ASTM CuZn40Pb2).
- 2.c.5. Optional pressure/temperature test plugs for verifying performance shall be available for all valve sizes.
- 2.c.6. Housing shall be configured for strainer unit accessibility.
- 2.c.7. Drain valve shall be available for all valve sizes.

## UPDATES

**For latest updates please see [www.flowcon.com](http://www.flowcon.com)**

FlowCon International can accept no responsibility for possible errors in any printed material.  
All rights reserved.