

SC Series

HOUSING
SINGLE CARTRIDGE
MEDIUM PRESSURE



MAIN APPLICATIONS:

- DESALINATION
- WATER TREATMENT
- FINE CHEMICAL
- PETROCHEMICAL
- OIL & GAS
- FOOD & BEVERAGE
- POWER GENERATION
- PAINTS AND RESIN
- PHARMACEUTICAL
- MICROELECTRONIC
- GALVANIC
- HYDRAULIC
- STEEL MILL
- GENERAL INDUSTRY

CHARACTERISTICS:

- 100% AISI 316 construction
- Head and V-Clamp manufactured with lost wax micro-casting
- Conform to 2014/68/UE PED Directive
- Conform to 2104/34/UE ATEX Directive
- 1935/2004/CE certification available upon request
- Two head/bowl closure system available:
 - SCR: V-Clamp
 - SCD: DIN 11851 locknut
- SCR type suitable for liquid Gr. 1 and 2 filtration
- SCD type suitable for liquid or gas Gr. 1 and 2 filtration
- In line in/out connections for easy installation
- Suitable for operating pressure up to 25 bar
- Suitable for cartridges from 6" to 40"
- Suitable for cartridges DOE, cod. 3, cod. 8, cod. 7, cod. 6
- Installation of DOE cartridge independent from bowl
- O-ring head/bowl seal
- Designed to allow visual checking of the installed cartridge prior to bowl closure

ASCO FILTRI

a **mott** company

SC Series

**HOUSING
SINGLE CARTRIDGE
MEDIUM PRESSURE**

TECHNICAL DATA

MAX. WORKING CONDITION

25 bar @ 100 °C
(according to the handled fluid)

CONSTRUCTION MATERIALS

- HEAD:**
- 316 SS micro casting
- BOWL:**
- 316L SS
- V-CLAMP (SCR type):**
- 316 SS micro casting
- LOCKNUT (SCD type):**
- 304 SS

BOWL FINISHING

- Internal:**
- Pickling
- External:**
- Manual polishing

GASKETS

- EPDM (standard)
- Buna-n
- Silicone
- Viton
- PTFE (only for SCD)
- FEP

IN/OUT

- 3/4" GAS-F
- 1" GAS-F

DRAIN

- 1/4" GAS-F

ACCESSORIES

- Wall mounting bracket
- Flanged connections

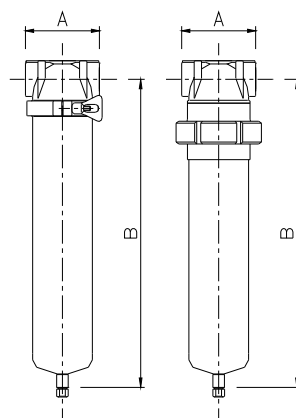
Dimensions:

SCR						
Length	Dimension [mm]		Connections		Volume	Weight
	A [2]	B [1]	In/out	Drain	[lit]	[kg]
06	110	230	3/4" o 1" GAS-F	1/4" GAS-F	0.95	2.4
10	110	336			1.80	2.7
20	110	616			3.50	3.9
30	110	901			5.10	6.3
40	110	1156			6.60	7.2

SCD						
Length	Dimension [mm]		Connections		Volume	Weight
	A [2]	B [1]	In/out	Drain	[lit]	[kg]
06	110	283	3/4" o 1" GAS-F	1/4" GAS-F	0.95	3.9
10	110	383			2.00	4.2
20	110	616			3.50	5.4
30	110	899			5.10	7.8
40	110	1156			6.60	8.7

1] For P01 option (cod. 7) increase B dimension by 50 mm.

2] For flanged version ask to Asco Filtri.



Max. working pressure:

Fluid	SCR					SCD				
	6"	10"	20"	30"	40"	6"	10"	20"	30"	40"
Liquid Gr. 2	25 bar	25 bar	25 bar	25 bar	25 bar	25 bar	25 bar	25 bar	25 bar	25 bar
Liquid Gr. 1	25 bar	25 bar	25 bar	25 bar	25 bar	25 bar	25 bar	25 bar	25 bar	25 bar
Gas Gr. 2	Not suitable					25 bar	25 bar	25 bar	25 bar	25 bar
Gas Gr. 1						25 bar	20 bar	12 bar	8.5 bar	6.5 bar

Where the 97/23/CE PED Directive is applicable, in case of dangerous gas Gr. 1, the max. working pressure must be reduced. For different working pressure check with the operating manual.

Gaskets temperature limitation:

EPDM	120 °C	Viton	230 °C	PTFE	250 °C
Buna-n	120 °C	Silicone	230 °C	FEP	250 °C

Working temperature is limited from installed gaskets.

For different working temperature check with the operating manual.

Contact us for any further information.

We reserve the right to change the data of this specification without notice.

ASCO Filtri S.p.A.

Viale delle Scienze, 8
20082 Binasco (MI) - Italy
Phone: +39 02 89703.1

Fax: +39 02 89703.410

E-mail: info@ascofiltri.com

Web: www.ascofiltri.com

ASCO
FILTRI
a **mott** company