

## TECHNICAL SPECIFICATIONS

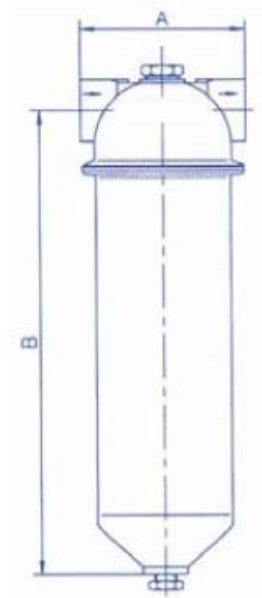


- Materials part in contact with fluid AISI 316L
- Construction according PED Regulation 2014/68/EU
- In-line pipe connection for easy installation.
- Vessels suitable for fit cartridges from 4" to 30".
- Closure head/shell in two version:
  - SCB: single centre bolt for quick opening and reduce the space necessary for disassembly and replacement the filter element
  - SCV: with a V-clamp closure with a tie-rod independent element seal. In these housings can fit double open end cartridges (DOE) as standard. We can supply also filters suitable to fit SOE, cod. 3 and cod. 7 cartridges.
- Designed for flow rate up to 6000 l/h and pressure up to 16 bar
- Gasket: EPDM, Buna N, Viton, PTFE, silicone, asbestos free

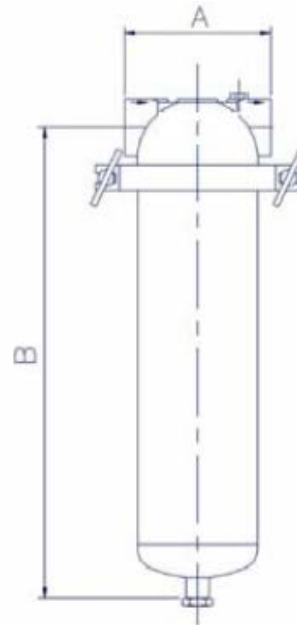
## DESIGN DATA IN ACCORDANCE TO PED REGULATION 2014/68/EU

FLUID	PS X V ART. 4 PAR. 3	MAX PRESSURE (PS) OF FILTERS SERIES SCB: PS @60°C			MAX PRESSURE (PS) OF FILTERS SERIES SCV: PS @ 60°C			
		4"	10"	20"	4"	10"	20"	30"
Liquid Gr. 2 *	< 10000	10 bar	10 bar	10 bar	16 bar	16 bar	16 bar	16 bar
Liquid Gr. 1 *	< 200	10 bar	10 bar	10 bar	16 bar	16 bar	16 bar	16 bar
Gas Gr. 2	< 50	N/A	N/A	N/A	10 bar	10 bar	10 bar	10 bar
Gas Gr. 1	< 25	N/A	N/A	N/A	N/A	N/A	N/A	N/A

\*Liquid: fluids with vapour pressure at maximum allowable temperature (TS) <= 0,5 bar.



Filter type SCB



Filter type SCV

MODELS	MATERIAL	CONNECTIONS		N. CARTRIDGE	DIMENSIONS mm		WEIGHT kg	VOLUME liters	FLOW RATE ** liters/h
		in/out	drain		***	H			
SCB4	AISI 316/L	¾ o 1" gas f.	¼" gas f	1 da 4"	110	165	2,3	0,75	1500
SCB10	AISI 316/L	¾ o 1" gas f.	¼" gas f	1 da 10"	110	320	3	1,6	2000
SCB20	AISI 316/L	¾ o 1" gas f.	¼" gas f	1 da 20" o 2 da 10"	110	575	4,3	3	4000
SCV4	AISI 316/L	¾ o 1" gas f.	¼" gas f	1 da 4"	110	190	2,5	0,94	1500
SCV10	AISI 316/L	¾ o 1" gas f.	¼" gas f	1 da 10"	110	355	3,2	1,85	2000
SCV20	AISI 316/L	¾ o 1" gas f.	¼" gas f	1 da 20" o 2 da 10"	110	605	4,4	3,35	4000
SCV30	AISI 316/L	¾ o 1" gas f.	¼" gas f	1 da 30" o 3 da 10"	110	870	5,4	4,8	6000

**\*\*\* dimensions face/face connections**

Flanged connections available upon request.

Please contact our technical office for request of different pressure & temperature.

\*\* Vessels Flow rate without cartridges, referred to liquid with viscosity 1 cSt.

The effective flow rate of each housing can be defined in relation of type of cartridges and process data.