

HSC

Single-cartridge housings for aggressive fluids

Housings designed for filtering of aggressive fluids, constructed from Stainless Steel and lined with fluoropolymer on all wetted parts.

The closure system features a two pieces clamp secured by two bolts.

Available in 2 lengths, these housing accommodate a wide range of 10" or 20" SOE code 7 filter elements.



Main Features

- In-line flanged connections.
- Flanged vent and drain, complete with lined blind flanges.
- Suitable for Group 1 hazardous fluids, classified according to EC 1272/2008.

Materials

Body:	316L Stainless Steel
Clamp closure:	304 Stainless Steel
Gaskets:	PTFE (standard)

Finishing

External:	pickled and sandblasted
Internal:	fluoropolymer lining

Design and constructions

Compliance with "PED" (Pressure Equipment Directive) and "ATEX" Directives (for equipment used in potentially explosive atmospheres).

Documentation

UE Declaration of Conformity PED/ATEX and user guide

Model	In-Out connections	Filter element	Weight	Volume	Vent	Drain
	EN 1092-1	Size	Kg	l	EN 1092-1	EN 1092-1
HSC-10-B7-DN25-L-FS	DN 25	SOE 2071	12	2,8	DN 10	DN 15
HSC-20-B7-DN25-L-FS	DN 25	SOE 2072	14	4,6		

Code description

Serie	-	Filter element length	-	Cartridge connection	-	In-Out connections	-	Lining	-	Gasket material
HSC		10 10"		B7 SOE code 7		DN25		S Fluoropolimero		T PTFE
		20 20"								

Code description

HSC	-	10	-	B7	-	DN25	-	S	-	T
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Nominal dimension (mm)						
Type	E	F	G	H	I	L
10"	541	425	82	101	120	200
20"	773	674	82	101	120	200

PED e ATEX conformity Directives

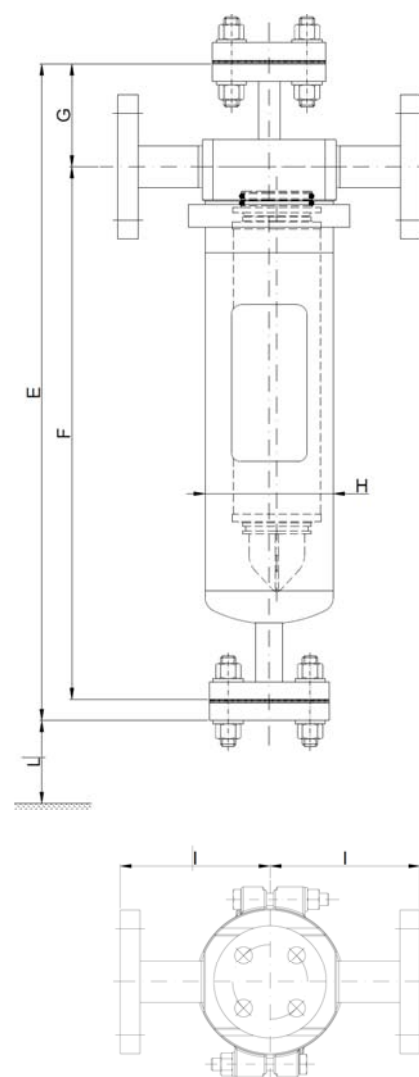
Fluid state	Fluid group	PED 2014/68/UE	ATEX 2014/34/UE
Liquid Gas	1 (hazardous)	Cat.I	II 2G Ex h IIC T160°C Gb II 2D Ex h IIIC T160°C Db

Operating limits

Type	Min/max Temp.	Min/max pressure
HSC-P10	-20°C / +150°C	0-10 barg
HSC-P20		

Spares

Descrizione	Model
Clamp closure	KC-C-CHA-TC4"-HP
Body gasket	KC-OR-TC4"-T-F



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