



## IH industrial filter housing

### Stainless steel filter housings for food and pharmaceutical applications

The IH series are single cartridge, inline housings designed for compressed air and nitrogen filtration in utility and process applications. The SS316L housings provide maximum durability and resistance to corrosion and are manufactured in compliance with the industry standards.

Together with the Atlas Copco filter cartridges series PFG-G, PFP-G, etc., they provide safe, reliable and efficient performance.



#### Key features:

- High flow and low pressure drop
- Suitable for CIP/SIP
- Upside down installation possible
- Working pressure 16 barg

#### Applications:

- Compressed air, nitrogen and other gases
- Point of use filtration
- Pre-, after- and final filtration
- Particle removal, coalescing and sterilizing purposes

#### Quality first:

- Manufacturing acc. ISO 9001
- Design acc. PED 2014/68/EU SEP
- Gasket materials used meet ISO 360111
- Full traceability
- Certificates (materials, finishing, etc.) on request

### Protecting process, products and people

Atlas Copco's process filters optimize your productivity while protecting your process, product and consumers. Our portfolio of cartridges and housings covers all your filtration needs. The products are made from proven, high quality materials from reputable suppliers and manufactured in a controlled environment subjected to strict QA/QC procedures.



## Product specifications

Materials	
Housing (wetted parts)	AISI SS316L (W.N. 1.4404)
Clamp	AISI SS304 (W.N. 1.4301)
Gasket compliance	ISO 360111
Design	
Design code	PED 2014/68/EU
Pressure (PS) min-max	-1 + 16 bar (-14 - 232 psi)
Test pressure	22.9 bar (332 psi)
Temperature (TS) min-max	-20 + 90°C (-4 - 194 °F)
Finishing	
External surface	Mechanical polished
Internal surface	Pickled
Options	
Pressure gauge	SS 0-10 / 0-16 barg with vent valve and tee/nipple 1/4"
Drain (ball) valve	1/4" BSPM with hose adapter
Wall mounting set	

## Product configuration

Series	Pressure	Cartridge			Gasket Material	Closure Style	Drain/Vent Connection <sup>1</sup>	Finishing	In/Outlet Connection <sup>1</sup>
		No.	Length	Style <sup>2</sup>					
IH	16	1	5"	C7	S = Silicone	DBC = Double Bolted Clamp	BSPF0.25"	P	BSPF0.5"
			10"	C8	E = EPDM		NPTF0.25"		BSPF0.75"
			20"	DOE	V = Viton				BSPF1"
									NPTF0.5"
								NPTF0.75"	
								NPTF1"	

<sup>1</sup> See Connections

<sup>2</sup> Cartridge style C7 is recommend for gas filtration

**Example:** IH 16 1 10" C7 S DBC NPTF0.25" P NPTF1"

**Note:** Some combinations are invalid, please check with the local Atlas Copco representative



## Connections

Drain/Vent Connection			In/Outlet Connection		
Code	Type	Size	Code	Type	Size
BSPF0.25"	Threaded BSP Female + plug	0.25"	BSPF0.5"	Threaded BSP Female	0.5"
NPTF0.25"	Threaded NPT Female + plug	0.25"	BSPF0.75"	Threaded BSP Female	0.75"
			BSPF1"	Threaded BSP Female	1"
			NPTF0.5"	Threaded NPT Female	0.5"
			NPTF0.75"	Threaded NPT Female	0.75"
			NPTF1"	Threaded NPT Female	1"

