

# F314ST-F338ST-F312ST

Stainless steel AISI 316L filters,  
suitable for gas and liquid



## FEATURES

Filter for inlet pressure up to 50 bar (725 psi) in the standard version.

Inlet and outlet connections 1/4" – F, 3/8" – F and 1/2" – F.

Welded EN or ASME flanges available on request.

Stainless steel AISI 316L body from bar and drawn stainless steel AISI 316L bowl.

Filtration rate: 5 µm, 50 µm.

Condensation drain: automatic drain SAI for pressure up to 16 bar (232 psi), manual drain SM for pressure up to 30 bar (435 psi).

Available the ATEX 2014/34/EU version.

Brand  $\text{CE} \text{ II 2 G c I I C T X}$

$\text{CE} \text{ II 2 D c I I I C T X}$ .

For use in potentially explosive atmospheres zones: 1, 21, 2, 22 (not for mines and zone 0).

The product complies with the directive 2014/68/EU PED.

Available the EAC-EX TP TC 012/2011 versions for the Russian market.

Available units composed of:  
Filter + Regulator + Lubricator

## **SPECIFICATIONS**

Filter weight: F314 ST / F338 ST ~1.1 kg (~2.42 lb)

F12 ST ~2.1 kg (~4.63 lb)

Standard version operating temperature: -20 °C ÷ +60 °C (-4 °F ÷ +140 °F)

Degree of protection: IP56, IP66 for cap drain version

Bowl capacity F14 ST / F38 ST: 140 cc (4,7 US fl oz)

F12 ST: 200 cc (6,7 US fl oz)

Automatic drain SAI: drains the condensate before builds up to the filter cartridge (only for air version and PS=16 bar)

## **MATERIALS**

Body: stainless steel AISI 316L

Bowl: stainless steel AISI 316L

Internal parts: stainless steel AISI 316L

Filter cartridge: stainless steel AISI 316L

O-Ring: FPM (alternative compounds available on request)

## **ACCESSORIES**

Wall mounting bracket kit

## **SPARE PARTS**

Filter cartridges

Complete kit: gaskets and filter cartridge

Manual drain (FPM o-ring)

Automatic drain (FPM o-ring)

## generating the product code

Filtri serie ST in AISI 316L / AISI 136L Filter series ST			
AA BB CC D E FF			
AA	Attacchi / Connections	L0	3/8"G-F
		N0	1/4"G-F
		P0	1/2"G-F
BB	Tipologia di fluido / Fluid type	15	O2
		97	NBR
		98	EPDM
		99	FPM
CC	Tazza + scarico / Bowl + drain	31	SAI / Automatic drain 16bar
		32	SM / Manual drain 30bar
		33	Tappo / Cap 50bar
D	Filtrante / Filter	C	5µm
		H	50µm
E	Marchiato / Marked	I	Insert Deal
		Z	Dir. ATEX 2014/34/EU
FF	Accessori / Accessories	00	Nessun accessorio
		06	Manometro / Pressure gauge

### CODE COMPOSITION EXAMPLE

**233# H0 97 31 J I 00**

**233#:** Series ST filter

**H0:** Connections 1/2 NPT

**97:** NBR o-ring

**31:** Automatic drain, PS=16 bar (232 psi)

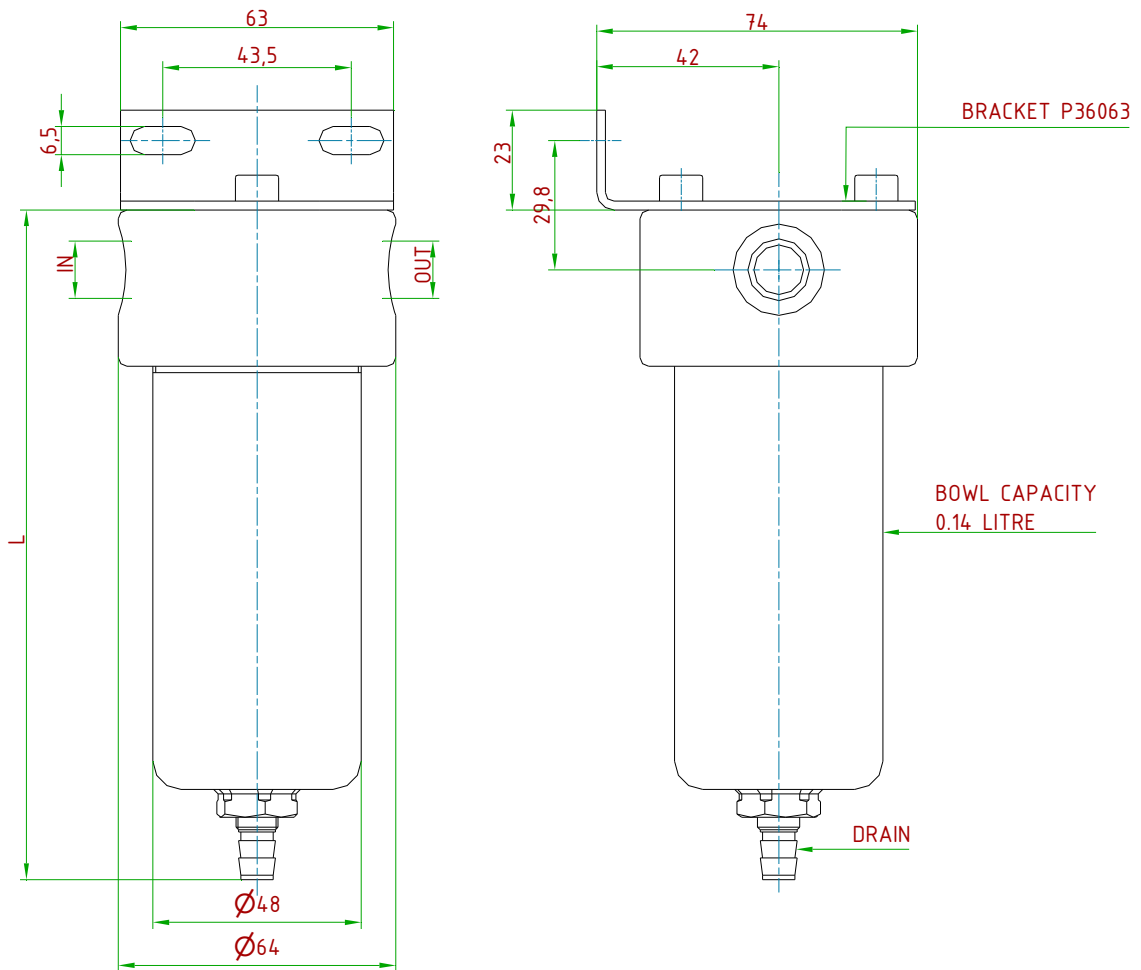
**C:** Filtration rate 5 µm

**I:** Insert Deal

**00:** No accessories

# technical drawings (all dimensions in mm)

Bracket to be ordered separately, kit order number: M13001

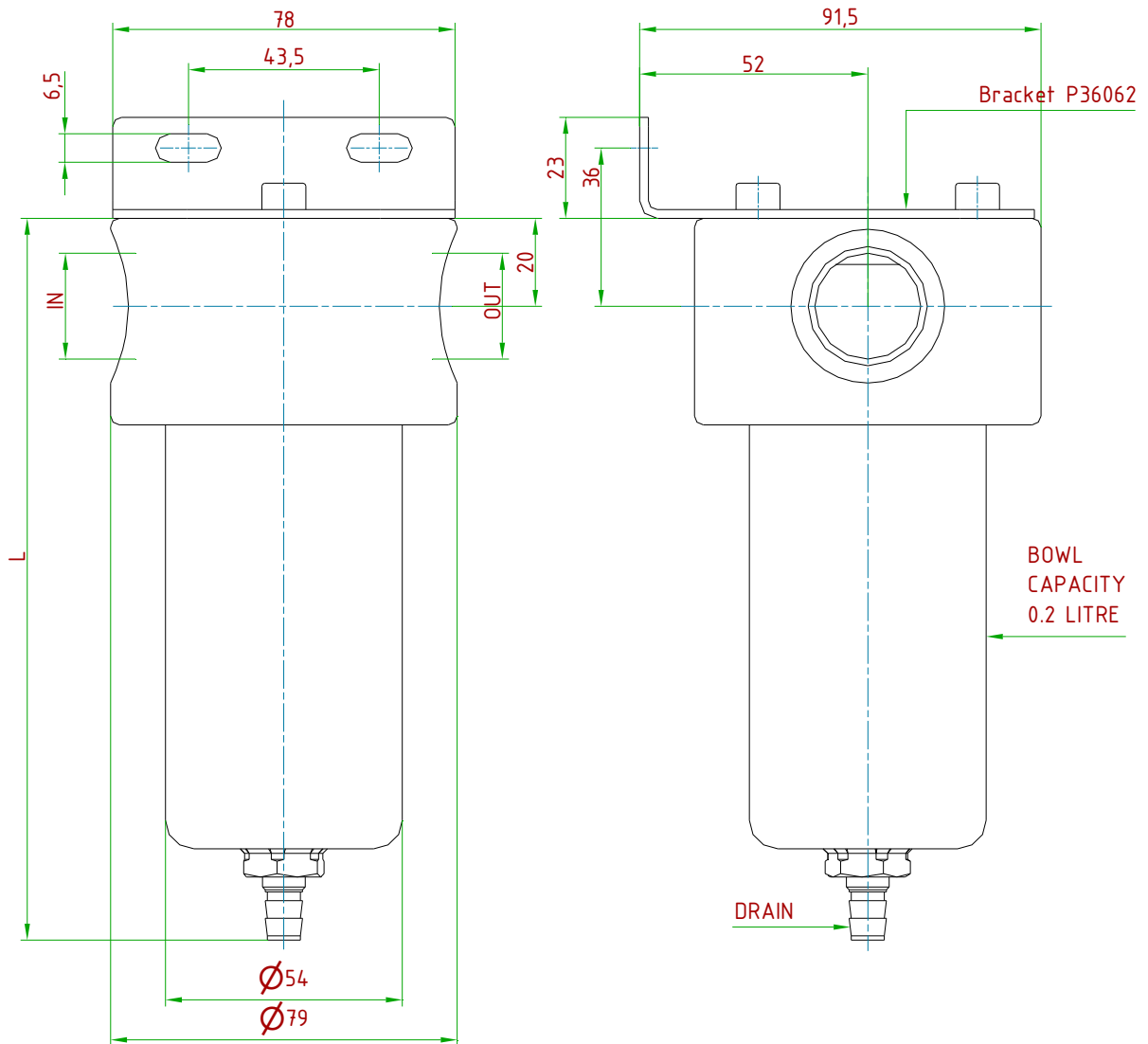


PS bar	DRAIN	L
16	AUTOMATIC	~154,5
30	MANUAL	~148
50	NO DRAIN	~140
80	NO DRAIN	~140

TYPE	IN/OUT	BODY MATERIAL	BOWL MATERIAL
F314ST GAS	G1/4-F	AISI 316L	AISI 316L
F338ST GAS	G3/8-F	AISI 316L	AISI 316L
F314ST NPT	1/4"NPT-F	AISI 316L	AISI 316L
F338ST NPT	3/8"NPT-F	AISI 316L	AISI 316L

GAS FILTRATION	
CARTRIDGE	MATERIAL
5 µm	AISI 316L
5 µm	PE
50 µm	AISI316L

# technical drawings (all dimensions in mm)



PS [bar]	DRAIN	L
16	AUTOMATIC	~165
30	MANUAL	~158
50	NO DRAIN	~150
80	NO DRAIN	~150

TYPE	IN/OUT	BODY MATERIAL	BOWL MATERIAL
F312ST G1/2"	G 1/2"-F	AISI 316L	AISI 316L
F312ST 1/2"NPT	1/2" NPT-F	AISI 316L	AISI 316L

GAS FILTRATION	
CARTRIDGE	MATERIAL
5 $\mu$ m	PE
5 $\mu$ m	AISI 316L

## **ID Insert Deal Srl**

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**FILTER\_233(F314ST-F338ST-F312ST)\_EN\_02**



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Company with certificated quality management system.  
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