

**MAIN FEATURES & BENEFITS**

- Standard version, etched and passivated, or Superplus version, electro polished $Ra < 0,8 \mu m$
- Code 7 plug with retaining bracket for optimized cleaning
- Complete stainless steel 1.4404 construction
- Design in compliance with
 - FDA CFR Code of Federal Regulations Title 21
 - Framework regulation 1935/2004/EC
 - Pressure Equipment Directive 2014/68/EU
 - 3-A Sanitary Standards (Version Superplus) for USA

INDUSTRIES

- Beverage



- Dairies



- Food



- Chemical

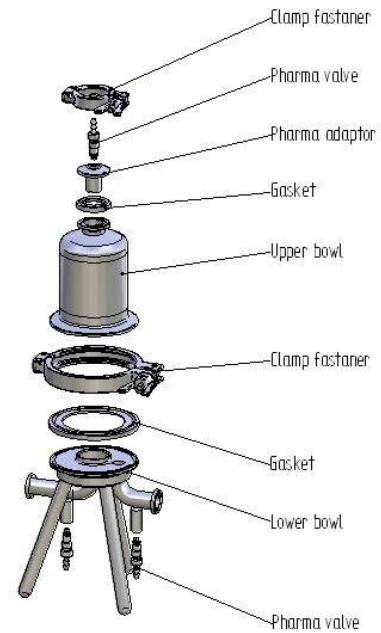


- Pharmaceutical

PRODUCT DESCRIPTION

Donaldson PF-EG housings were developed for the filtration of liquids in diverse applications. Combined with a Donaldson filter element with Code 7 connection, they provide an optimised solution for nearly any application.

PF-EG single housings are available in 6 sizes and are suitable for flow rates from 3 to 75 l/min. Standard housings are equipped with a milkpipe connection, Superplus housings with a Triclamp connection. The Superplus version has a polished surface with $R_a < 0,8 \mu\text{m}$, additional 2 pharma valves at the in- and outlet and a pharma valve for venting.



DIRECTIVES

All PF-EG single housings, version Superplus, are designed in accordance with

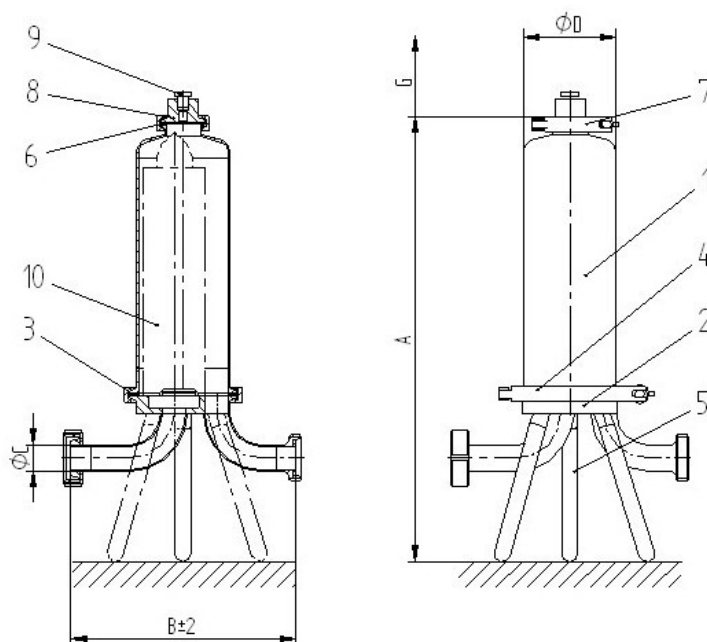
- FDA CFR Code of Federal Regulations Title 21
- Framework regulation 1935/2004/EC
- Pressure Equipment Directive 2014/68/EU
- 3-A Sanitary Standards for USA



TECHNICAL DATA STANDARD VERSION

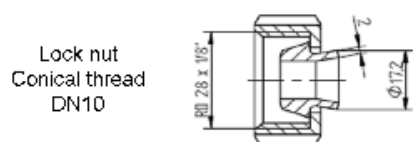
Pos.	Item description
10	Filter element
9	Screw plug
8	Clamp adapter
7	Clamp fastener
6	Gasket
5	Legs
4	Clamp fastener
3	Gasket
2	Lower bowl
1	Upper bowl

Max. operating pressure for liquids:	10 bar at min./max. operating temperature -25 °C up to +150 °C
Max. operating pressure for saturated steam:	3,7 barg (+150 °C)
Test pressure:	14,3 bar
Material housing:	1.4404
Material attached parts:	1.4301
Surfaces:	etched. passivated
Classification acc. to 2014/68/EU	for fluids group 2 Art.4, par.3

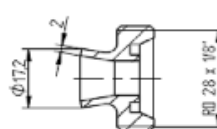


DIMENSIONS HOUSING AND MILKPIPE CONNECTIONS (VERSION STANDARD)

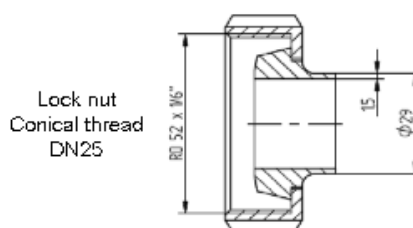
Housing Type	Volume [l]	Weight [kg]	A [mm]	B ±2 [mm]	C	ø D [mm]	E [mm]	ø F [mm]	G [mm]	Element
0003	0,3	1,2	280	140	DN10	70	109	25	150	03/10
0008	0,4	1,4	333	140	DN10	70	109	25	200	05/20
0012	1,5	4,4	406	250	DN25	104	116	50,5	230	05/3 P7
0025	2,5	5,1	541	250	DN25	104	116	50,5	370	10/3 P7
0050	4,5	6,3	795	250	DN25	104	116	50,5	620	20/3 P7
0075	6,6	7,7	1049	250	DN25	104	116	50,5	870	30/3 P7



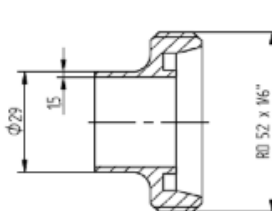
Standard for
type
0003 / 0008



Threaded
pipe end
DN10



Superplus for
type
0012 / 0025
0050 / 0075

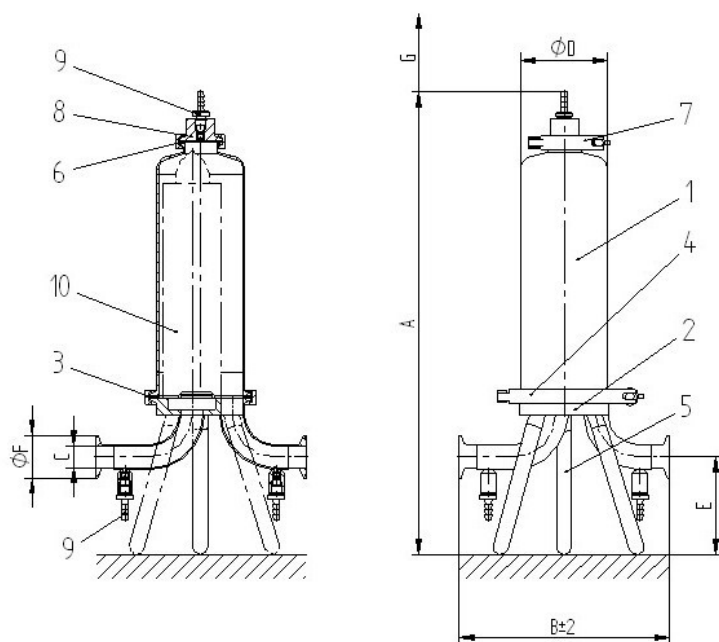


Threaded
pipe end
DN25

TECHNICAL DATA SUPERPLUS VERSION

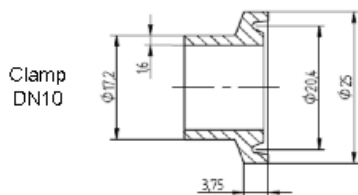
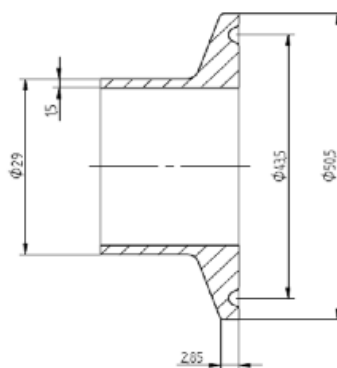
Pos.	Item description
10	Filter element
9	Pharma valve
8	Clamp adapter
7	Clamp fastener
6	Gasket
5	Legs
4	Clamp fastener
3	Gasket
2	Lower bowl
1	Upper bowl

Max. operating pressure for liquids:	10 bar at min./max. operating temperature -25 °C up to +150 °C
Max. operating pressure for saturated steam:	3,7 barg (+150 °C)
Test pressure:	14,3 bar
Material housing:	1.4404
Material attached parts:	1.4301
Surfaces:	etched, passivated
Classification acc. to 2014/68/EU	for fluids group 2 Art.4, par.3



DIMENSIONS HOUSING AND CLAMP CONNECTIONS (VERSION SUPERPLUS)

Housing Type	Volume [l]	Weight [kg]	A [mm]	B ±2 [mm]	C	ø D [mm]	E [mm]	ø F [mm]	G [mm]	Element
0003	0,3	1,2	280	140	DN10	70	109	25	150	03/10
0008	0,4	1,4	333	140	DN10	70	109	250	200	05/20
0012	1,5	4,4	406	250	DN25	104	116	50,5	230	05/3 P7
0025	2,5	5,1	541	250	DN25	104	116	50,5	370	10/3 P7
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0075	6,6	7,7	1049	250	DN25	104	116	50,5	870	30/3 P7

Superplus for type
0003/0008Clamp
DN10Superplus for type
0012 / 0025
0050 / 0075Clamp
DN25

GASKET SETS

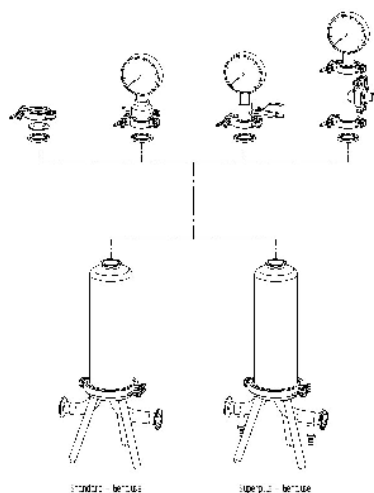
For all housing types of the PF-EG single series a gasket set is available.

Set	Content	Material
Gasket Set PF-EG 003-008 standard	1x Clamp gasket housing	EPDM
Gasket Set PF-EG 0012-0075 standard	1x Clamp gasket vent	
Gasket Set PF-EG 003-008 superplus	1x Clamp gasket housing	EPDM
Gasket Set PF-EG 0012-0075 superplus	1x Clamp gasket vent	

ACCESSORIES

A range of suitable accessories (e.g. pressure gauges) and spare parts is available for PF-EG single housings.

Please contact your Donaldson Service engineer for a detailed list



For information on integrity test equipment or integrity test services, please contact your Donaldson Sales Engineer and visit our website at www.donaldson.com!



donaldson.com

Donaldson Company, Inc.
Minneapolis, MN

Contact us



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