

FLUID HANDLING:

Full Flow Filter Elements

These elements provide high-efficiency filtration with low pressure drop. With a high holding capacity, they are ideal for large applications and highly contaminated lubricants.



KEY BENEFITS:

- Synthetic media with smooth, rounded fibers for low resistance to fluid flow
- Excellent chemical compatibility

THE OVERVIEW

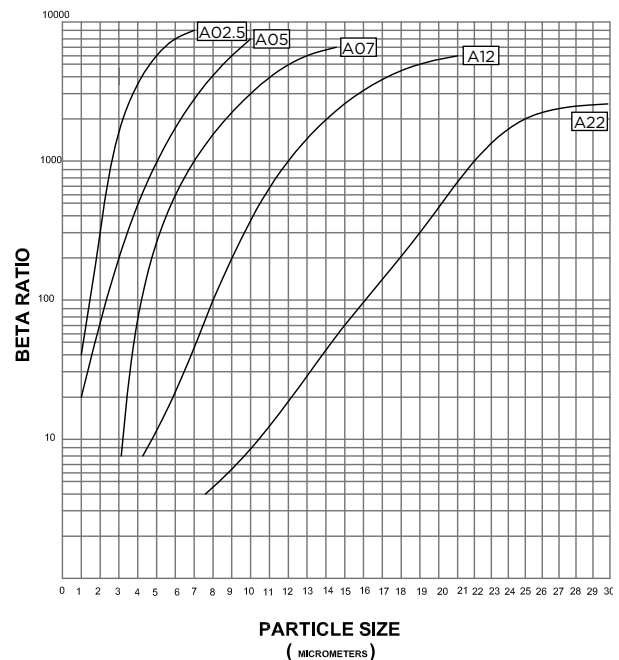
The Full Flow Filter: The Standard Features

- High dirt holding capacity
- Performance to $\beta_{x(c)} \geq 1000$ (per ISO 16889)
- Media Type: microfiber glass epoxy coated wire support
- Maximum differential pressure: 150psi
- Maximum flow rate: 150gpm
- Maximum viscosity: ISO VG 1000
- Endcap & center tube: corrosion protected steel
- Flow direction: outside in
- Gasket material: nitrile
- Collapse pressure rating: 125psid
- Temperature range: -45°F to 225°F
- Replacement pressure: 25psid

Filter Media Types

Media	Fluid Compatibilities
Microfiber Glass (Particulate & Water Removal)	Synthetic fluids, water glycols, water/oil emulsions, petroleum-based fluids, high water content fluids

Media Efficiency ISO 16889



The Details for Particulate Removal Filters

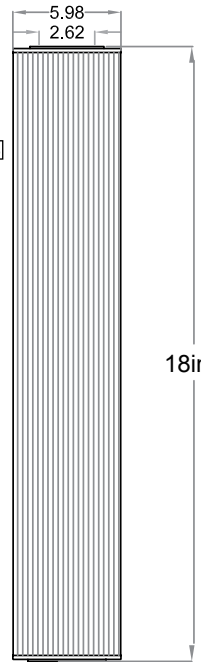
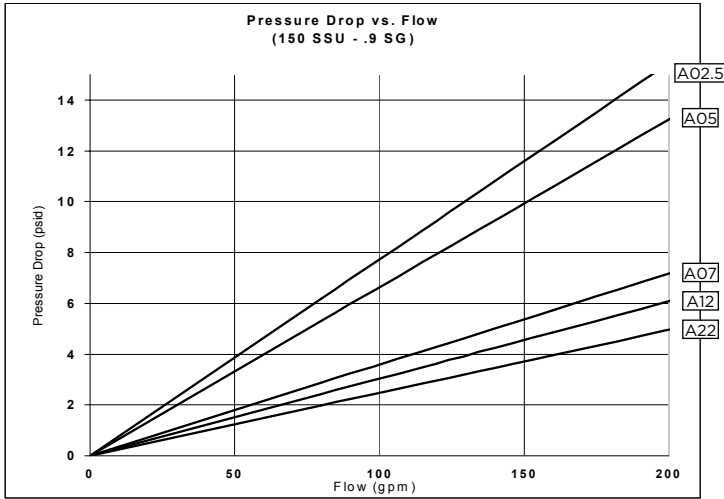
		µm Rating for Beta Value - ISO 16889				
Micron Rating	Part #	$\beta_{x(c)} \geq 75$ 98.7% Efficiency	$\beta_{x(c)} \geq 200$ 99.5% Efficiency	$\beta_{x(c)} \geq 1000$ 99.9% Efficiency	Dirt Holding lbs. (g)	
6x18"	2.5µm	DCE-C12000S18AB	<2	<2	2.5	.5776 (262)
	5µm	DCE-C12000S18BB	3.1	3.8	5	.6967 (316)
	7µm	DCE-C12000S18CB	5	5.7	7	.9811 (445)
	12µm	DCE-C12000S18EB	8.3	9.7	12	1.157 (525)
	22µm	DCE-C12000S18FB	15.8	18.2	22	1.217 (552)
6x36"	2.5µm	DCE-C12000S36AB	<2	<2	2.5	1.151 (522)
	5µm	DCE-C12000S36BB	3.1	3.8	5	1.385 (628)
	7µm	DCE-C12000S36CB	5	5.7	7	1.949 (884)
	12µm	DCE-C12000S36EB	8.3	9.7	12	2.299 (1043)
	22µm	DCE-C12000S36FB	15.8	18.2	22	2.416 (1096)

NOTE: Other micron sizes available upon request.

Media area: Large element is 1273in² and small element is 700in². Weight: Large element is 3lbs and small element is 2lbs.

THE SPECS

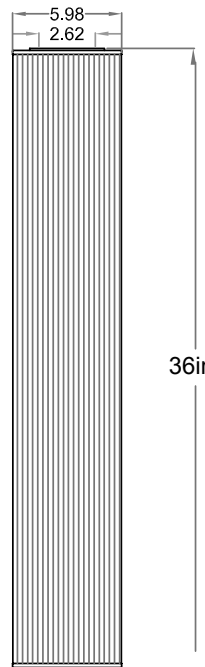
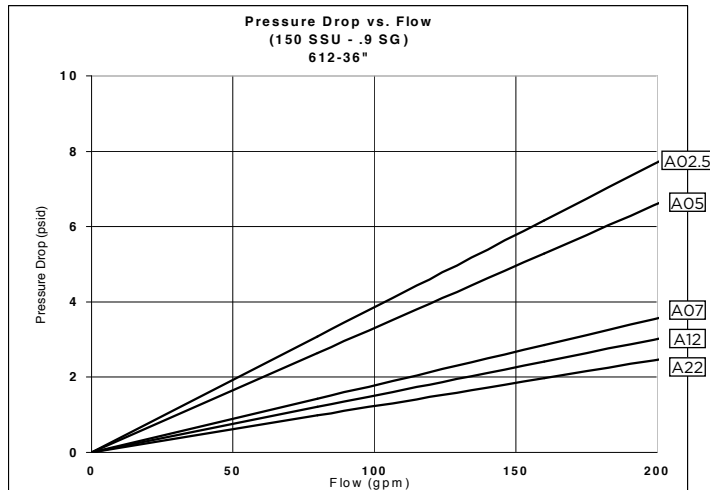
6x18 Size Elements



- Media Area: 3805in²
- Weight: 6lbs

Micron	Apparent Dirt Holding Capacity
2.5	262g/.5776lbs
5	316g/.6967lbs
7	445g/.9811lbs
12	525g/1.157lbs
22	552g/1.217lbs

6x36 Size Elements



- Media Area: 7584in²
- Weight: 12.5lbs

Micron	Apparent Dirt Holding Capacity
2.5	522g/1.151lbs
5	628g/1.385lbs
7	884g/1.949lbs
12	1043g/2.299lbs
22	1096g/2.416lbs

FLUID HANDLING:

The Entire Des-Case Line

We offer a full range of fluid handling and filtration products in Portable Filtration, Dedicated Filtration, Water Removal, Lubricant Storage & Filtration, Filter Elements, and Adapter Kits to suit your needs.

Customize your system today at www.descase.com.