

Specifications

Maximum Pressures	Head & Housing	3,000 psi (210 bar) Maximum Working Pressure
	Element	3,000 psid (210 bar) Minimum Collapsing Pressure
Temperature	-15° F to +230° F (Viscosities Permitting)	
Recommended Fluids	Petroleum Based Fluids- ISO VG32-68, Phosphate Ester, Most Vegetable Oils, Water Based Fluids to 40% Water	
Materials	Filter Heads, Filter Body	Aluminum, Steel
	Filter Element	Glass Fiber ($\beta_x \geq 200$) with Stainless Wire Mesh Support

Multi-Pass Performance to ISO 4572 Standards

The beta ratio refers to a 16-bar pressure difference.

test duct ACFTD

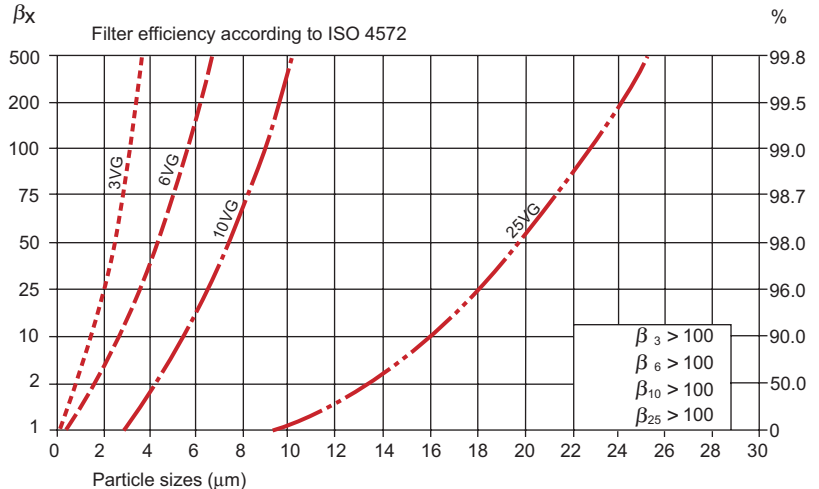
$$\beta_x = \frac{\text{amount of particles size } > \mu\text{m before filter}}{\text{amount of particles size } > \mu\text{m after filter}}$$

conversion of filtration quotient β_x into filtration efficiency in %

$$\frac{\text{filtration quotient} - 1}{\text{filtration quotient}} \times 100 = \%$$

e.g. $\beta_{10} = 75 \rightarrow \frac{(75-1)}{75} \times 100 = 98.7\%$

Glass Fiber



Application	ISO 4406	NAS 1638	Hyvair
Servo valve systems, high pressure circuits, very low flow applications- where silting can occur	13/ 9	3-4	3 μ
Proportional valves	16/13	7-8	10 μ
General heavy industrial, low pressure circuits	19/15	9-11	25 μ