KAYDON FILTRATION

KayMax® 8900 Series
High Efficiency Filters

Kaydon Filtration knows what it takes to keep your lubrication oils, hydraulic oils, and fuels clean and your critical machinery in service. Pulp & Paper, Power Generation, Mining, Oil & Gas, Heavy Equipment, and Military are just a few of the critical markets we have protected and kept fit for duty.

KayMax® filters use an inert, fixed pore, impregnated fiber matrix media for maximum strength and increased dirt capacity. Our media represents the latest state-of-the-art construction technology. These high efficiency elements are integrated with upstream support layers and downstream drainage layers for pleat strength, geometric rigidity, and maximum dirt capacity for industry leading reliability. KayMax elements provide consistent performance from initial installation to their rated terminal pressure drop in accordance with stated ISO standards.

KayMax High Efficiency Filters:

- ***Resistant to Severe Operating Conditions***
- ***Reliable and Consistent Performance***
- ***Lower Maintenance Costs***
- ***Extend Service Life***

KayMax High Efficiency Filters

Meet or exceed OEM requirements
ISO 9001:2008 Design, Manufacturing, and QMS
ISO 2942 Fabrication Integrity
ISO 16889 Multi-Pass Performance Efficiency
ISO 2943 Fluid Compatibility
ISO 3724 Flow Fatigue
ISO2941 Collapse Resistance

Specifications

Micron Ratings and Filtration Efficiency:

1µm, 3µm, 6µm, 12µm, or 25µm
b_x=200 (ISO 4572)
$b_{x(c)}$=1000 (ISO 16889)

O-Ring Seal:

Nitrile (B) (-45°F to 225°F)
Fluorocarbon (V) (-20°F to 250°F)

Element Capacity and Construction:

Flow Direction: Outside - In
One End Closed, Other End Open (o-ring)
Inert Fixed Pore Media
Corrosion Protective Endcap / Center Tube

Element Dimensions

***3.76" (9.5504 cm) Diameter x Length*:**
Available Lengths:
8 = 8.20" (20.828 cm)
13 = 12.91" (32.791 cm)
16 = 16.85" (42.799 cm)
26 = 25.73" (65.354 cm)
35 = 34.33" (87.198 cm)
39 = 38.71" (98.323 cm)

Inside Diameter = 2.20" (5.5880 cm)

Collapse Pressure

≥ 150 psid (10 bar)

Fluid Compatibility (ISO 2943)

Petroleum oils, water glycols, water-oil emulsions with nitrile seals.

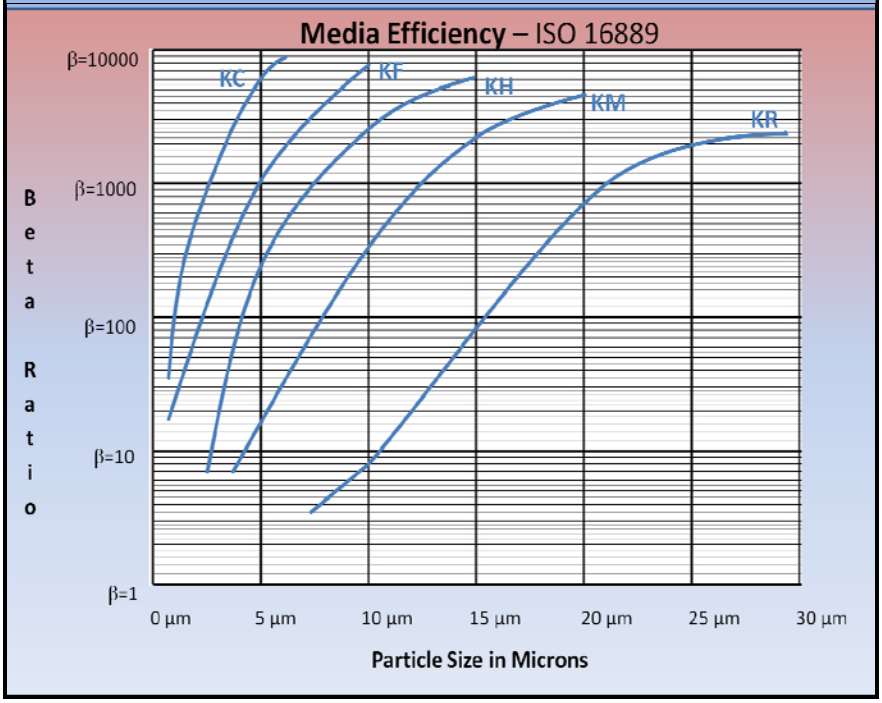
Phosphate esters, diesters, and many other synthetic fluids with fluorocarbon seals.

When It Matters…
Make the Right Choice

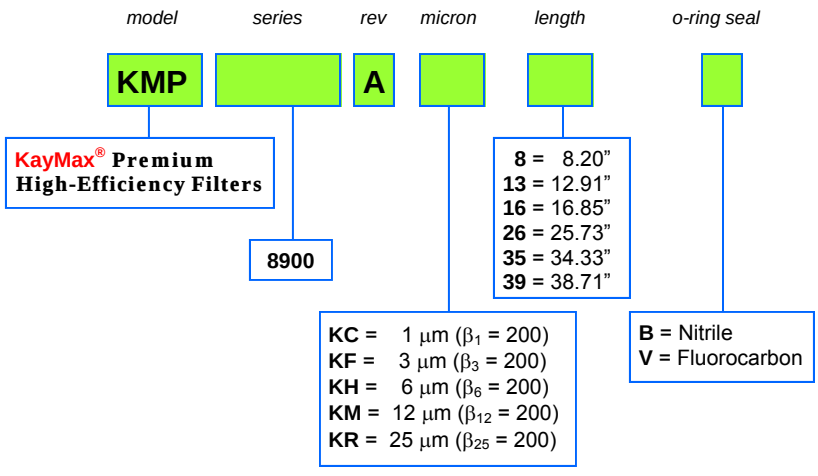
KayMax® Filter Media Efficiency Table

Filter Code	ISO 4572	ISO 16889			
	B_x=200	$B_{x(c)}$=2	$B_{x(c)}$=10	$B_{x(c)}$=200	$B_{x(c)}$=1000
KC	1	<2	<2	2	2.5
KF	3	<2	<2	3.8	5
KH	6	2.1	3.4	5.7	7
KM	12	3.2	5.5	9.7	12
KR	25	7.2	11	18.2	22

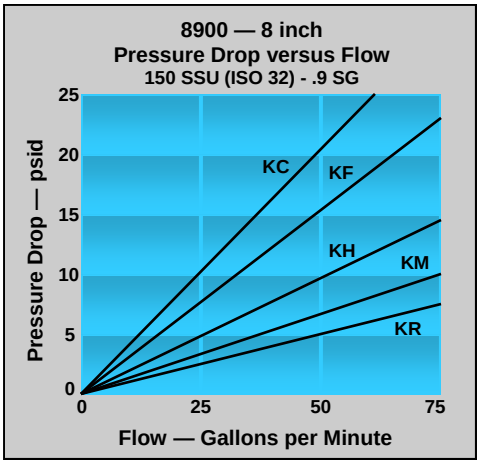
KayMax® Filter Media Beta Ratio Curves

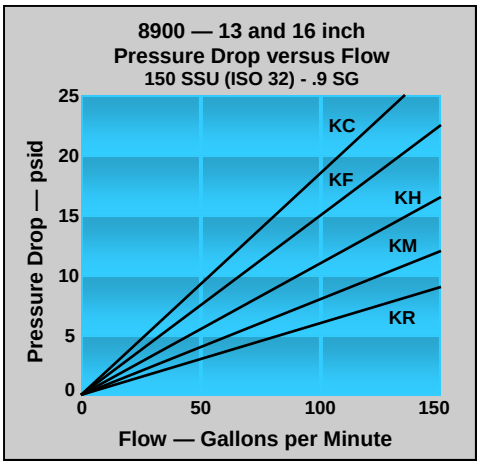


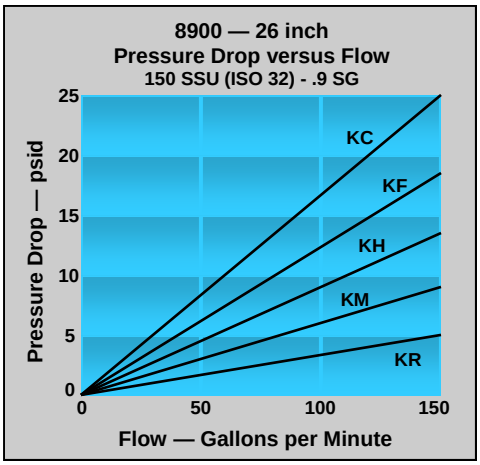
KayMax® 8900 Filter Part Number Structure

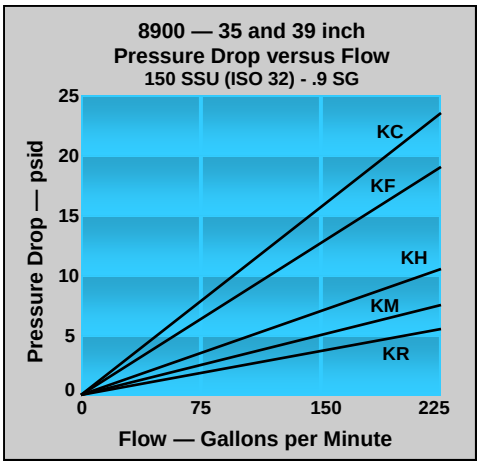


Part Number Example: KMP8900AKH26B









KAYDON FILTRATION

Data tables and graphs may have interpolation and/or rounding variances.
Specifications are subject to change and/or revision without notice.

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