

HYDRAULIC IN-LINE FILTERS

This hydraulic in-line filter provides protection for small, high pressure systems up to 3,000 PSI. By using this filter at the pressure side of a pump, foreign particles 25 microns and larger, such as those created by pump wear, are removed before damage can result to the valving in the system. A sintered bronze element ensures protection against crushing should dirt accumulate and increase pressure drop across the element.

The unique construction features an anodized aluminum housing for light weight, and a conically shaped sintered bronze element positioned by a retaining spring to allow true, uninterrupted axial flow. Special viton O-rings are available for oil systems where chemical action may be a problem. The standard 25 micron bronze filter element can be easily cleaned or replaced. Nominal filtration ratings of 90, 40, or 10 microns available.

Maximum operating pressure: 3000 PSI

Operating temperatures: 35°F to 200°F

For viton: 35°F to 400°F



part no.*	NPTF	overall length	diameter	weight lbs	element & seal	spring kit
9052	1/4"	3 1/4"	1 1/2"	.46	EK9052	SK9052
9053	3/8"	3 1/4"	1 1/2"	.46	EK9052	SK9052
9054	1/2"	4 15/16"	1 1/2"	.83	EK9054	SK9054
9056	3/4"	4 15/16"	1 1/2"	.83	EK9054	SK9054
9152	9/16"-18 SAE	3 1/4"	1 1/2"	.46	EK9052	SK9052
9153	3/4"-16 SAE	3 1/4"	1 1/2"	.46	EK9052	SK9052

*Use Suffix V for viton seals. For 90, 40, or 10 micron elements, use micron size as dash number and add to part no. (i.e. 9052-10; EK9052-10).

HYDRAULIC IN-LINE FILTERS -- TEE-TYPE

This in-line filter provides protection for small, high pressure systems up to 5,000 PSI. The design is similar in performance to the model 9052 and 9053 filters, with the added convenience of a cleanable element that can be removed without breaking line connections. A filter access cap simply unscrews for easy element cleaning and replacement.

The anodized aluminum housing is lightweight. Porting is 1/4", 3/8" or 9/16"-18 SAE NPT pipe. Viton O-rings are offered for oil systems where chemical action may be a problem. The standard bronze filter element is 25 micron. Nominal filtration ratings of 90, 40, or 10 microns available.

Maximum operating pressure: 5,000 PSI

Operating temperatures: 35°F to 200°F

For viton: 35°F to 400°F

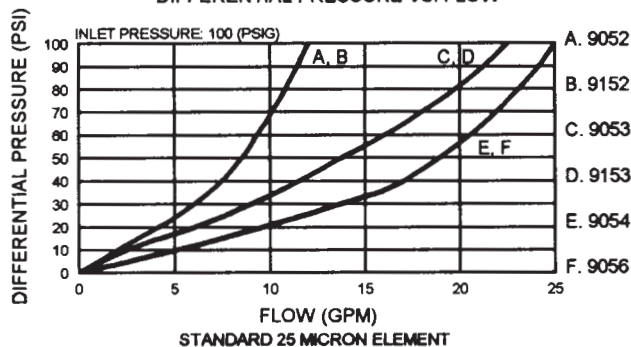


part no.*	NPT	overall length	diameter	weight lbs	element & seal	spring kit
9052T	1/4"	3 3/16"	2 1/8"	.93	EK9052	SK9052T
9053T	3/8"	3 3/16"	2 1/8"	.93	EK9052	SK9052T
9152T	9/16"-18 SAE	3 3/16"	2 1/8"	.93	EK9052	SK9052T

*Use Suffix V for viton seals. For 90, 40, or 10 micron elements, use micron size as dash number and add to part no. (i.e. 9052T-10; EK9052-10).

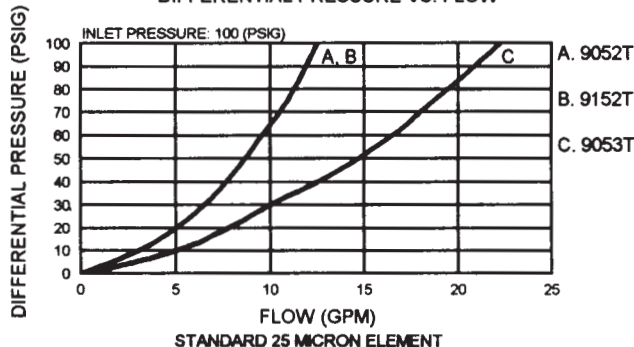
FLOW CHARACTERISTICS -- HYDRAULIC IN-LINE FILTERS

9052, 9053, 9054, 9056, 9152 & 9153
DIFFERENTIAL PRESSURE VS. FLOW



HYDRAULIC OIL MIL H 5606
OIL TEMP. 100° F

9052T, 9053T, & 9152T
DIFFERENTIAL PRESSURE VS. FLOW



HYDRAULIC OIL MIL H 5606
OIL TEMP. 100° F