

In-line Pressure Filters

System Components

General

A compact, easily serviced die-cast filter is available in two sizes for 1" and 3" deep disposable porous metal filter elements. Two grades of sintered metal filtration are offered, with 5P, 10P, 25P and 125P micron (nominal) particle protection. The bowl can be quickly disassembled by hand for inspection and replacement of filters. Elements are high strength, corrosion resistant sintered bronze metal, capable of removing large amounts of contaminants without breakdown or damage.

Application

Assemblies are specially designed for easy in-line installations. They can be used with a variety of medias; e.g. hydraulic, oil lubricants, etc. The filters are suitable for continuous delivery, as well as cyclic operation conditions.



Technical Data

Materials	Die-cast aluminum (housing), porous bronze metal (filter elements)
Maximum Operating Pressure	500 psi
Filter Element Size	1" and 3" (10P micron available in 3" size only)
Filtering Characteristics	5P, 10P, 25P and 125P micron (nominal) ratings particle stoppage

Installation

All filters must be installed in a vertical position for settling of contaminants into the bowl. In centralized oil lubrication systems, filters must be installed in the main distribution line between the lubricator and the first application points.

Maintenance

Since filters are designed to remove contaminants, to ensure maximum efficiency, filter elements must be inspected, cleaned and/or replaced at regular intervals and the bowl must be cleaned. Filter elements can be removed without disconnecting tubing lines. To service, remove oil line pressure and unscrew the bowl to remove the element.

ATTENTION

Repeated cleaning of the filter element is NOT recommended.

How To Order

Name	Element Size	Filter Characteristics	Part #	Element #
In-line Pressure Filter	1"	5P micron	43252	43254
		25P micron	19850	B6527
		125P micron	19851	B6530
	3"	10P micron	19329	19325
		25P micron	19848	B6890
		125P micron	19849	B6889

Select the appropriate size and filter characteristics required for application. The filter characteristics indicates the smallest particle size removal in microns, e.g. 25P filters out particles 25 microns and larger. When ordering, specify name and part number, e.g. In-line Pressure Filter, Part #19848.

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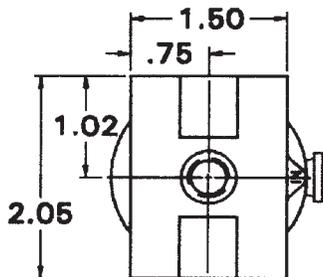
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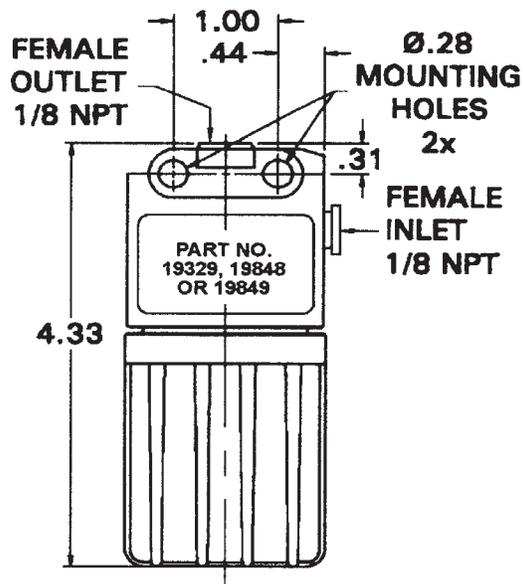
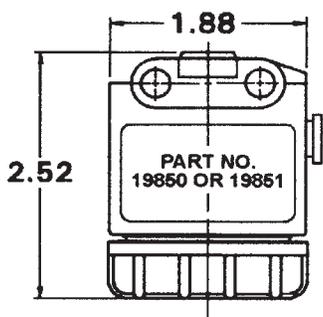
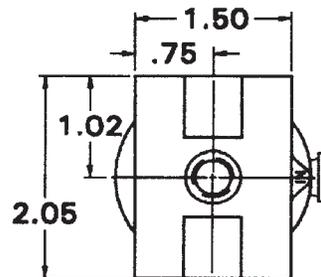
Dimensional Schematics

Measurements shown in inches.

1" Filter Assembly



3" Filter Assembly



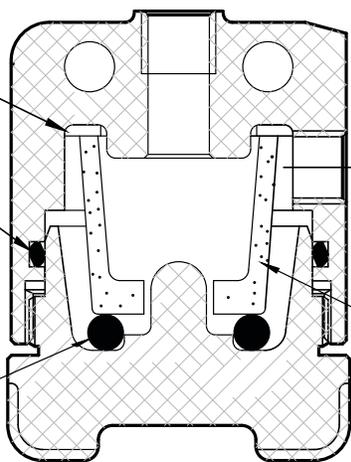
Service Parts

For 1" & 3" Filter Assemblies

**B6814C
GASKET**

**25186-24
"O"RING**

**25186-17
"O"RING**



**FILTER
ELEMENT
(SEE PAGE 1)**

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