

# 90 Series Spin-On Filters

## FILTER ASSEMBLY PART NUMBER

**90 A 1 - 0 13 - 25M S N - VE G**

### HOUSING MATERIAL

Code	Material
A	Aluminum
AG	316 SS

### PORT SIZE AND TYPE

Code	Port Size	Port Type	Housing Options
1	1"	NPT	A or AG
2	1.25"	NPT	Only A
3	1.5"	NPT	A or AG* (*AG Special Order)
4	1"	SAE	Only A
5	1.25"	SAE	Only A
6	1.5"	SAE	Only A

### BYPASS

Code	Bypass Setting	Housing Options
0	No Bypass	A or AG
1	3 PSI	Only A
2	5 PSI	Only A
3	15 PSI	Only A
4	25 PSI	A or AG
5	50 PSI	A or AG

### ADDITIONAL SPECIFICATIONS

- Operating pressure = 100 PSI
- Rated flow rate up to 70 GPM (return) / 25GPM (suction)
- Temperature range: -65°F to +250°F
- Suited for petroleum-based fluid applications only
- Head = Cast Aluminum or 316SS
- Element = Drawn Steel

### GAUGE PORTS

Code	Bypass Setting
0	No Gauge Port
1	Inlet #1
2	Inlet #2
3	Inlet #3
4	Outlet #4
5	Outlet #5
6	Outlet #6

- 13 is a standard gage port setting
- You can select more than one gauge port on a single filter. You just cannot select the same number twice or select 0 and another port.
- Examples of acceptable gauge port codes: 0, 1, 3, 12, 13, 2, 6, 125, 1235, 123456

### GAGE ACCESSORY

Code (Optional)	Description
G	Gage Included

- This is an optional accessory, omit this character if not desired.

### ACCESSORY OPTIONS

Code (Optional)	Type	Allowable Accessory Combinations
V	Visual	V, E, VV, VE, EE
E	Electrical	

- This is an optional accessory, omit these characters if not desired.

### O-RING TYPE

Code	Description	Temperature (°F)
N	Nitrile (Buna)	-40 to 250
V	Viton	-20 to 400
E	EPR	-60 to 300

- Viton products will incur additional product cost

### BOWL LENGTH

Code	Description
S	Short
L	Long

- Longer bowl has more dirt holding capacity

### MICRON RATING

Code	Material	Absolute
1M	Microglass	1
3M	Microglass	3
6M	Microglass	6
12M	Microglass	12
25M	Microglass	25
3C	Cellulose	3
10C	Cellulose	10
25C	Cellulose	25
10CW	Water Absorbing Cellulose	10
141S	Mesh SS	100

### REPLACEMENT FILTER PART NUMBER

**90E 3M S V**

### REPLACEMENT HEAD PART NUMBER

**90H 1 - 0 13**

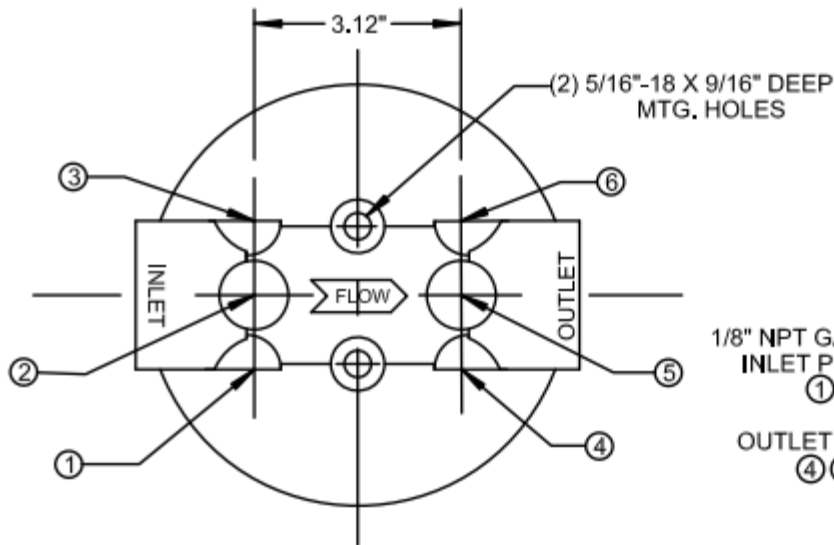
O-RING TYPE
BOWL LENGTH
MICRON RATING

GAUGE PORTS
BYPASS
PORT SIZE AND TYPE

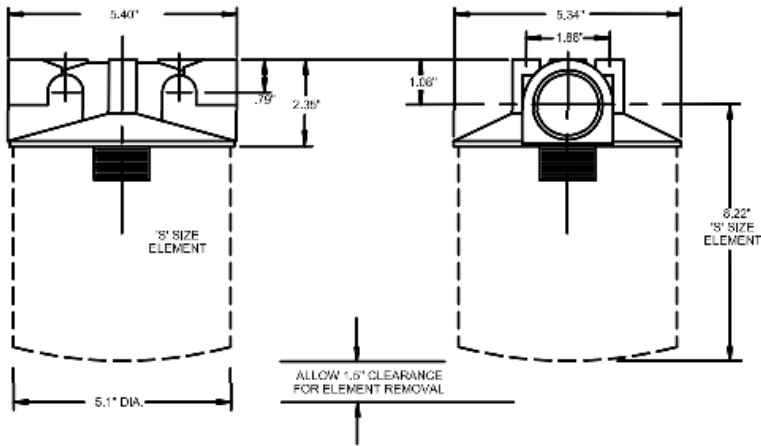
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## DIMENSIONS



## "S" ELEMENT SIZE / BOWL LENGTH



## "L" ELEMENT SIZE / BOWL LENGTH

