

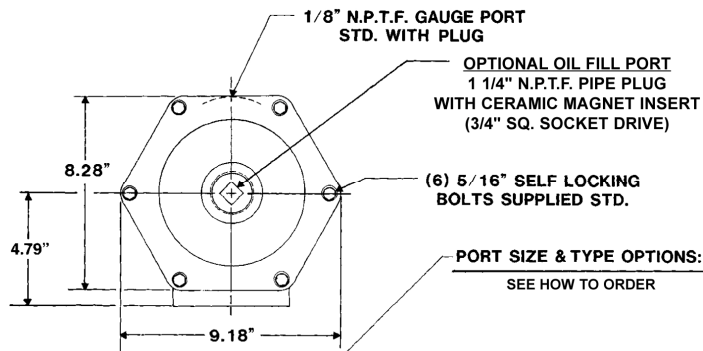
BEHRINGER®



BF8R SERIES

Intank Return Filter

- Flows Up To: 300 GPM (Return)
- Port Sizes:
- 2" NPTF
 - 2" (4) Bolt Flange
 - 2 1/2" (4) Bolt Flange
 - 3" (4) Bolt Flange



OPTIONAL BY-PASS
VALVE SETTINGS:
25, & 50 (RETURN)

2.5" MINIMUM
OPTIONAL BOLT OR WELD FLANGE
CAN BE WELDED TO HOUSING
CUSTOMER HEIGHT SPECIFICATIONS
BY FACTORY AT EXTRA COST
(SEE DETAILS ON NEXT PAGE
& ORDER CHART)

BEB SERIES FILTER ELEMENTS

3" N.P.T. x 2" LG.
MALE PIPE STANDARD

7.00" DIA.

Length Chart

A = 15.16
B = 24.16
C = 42.38

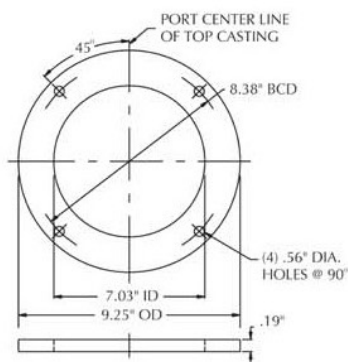
TANK-TOP FILTERS

BEHRINGER®

Application Data

- Installation:**
- Weld or Bolt to Reservoir.
 - In-Line, External
- Pressure:** 300 PSI Max. Operating Pressure
Warning: 80 PSI ΔP max. without by-pass valve.
- Temperature:** Up to 250° F. Operating.
- Application:** Petroleum based fluids only.
Consult factory for synthetic fluids

Optional Mounting Flanges



Note:

- 7.06" to 7.38" dia. hole in reservoir wall required for proper installation.
- Flanges can be welded to filter housings by factory as an extra cost option. Specify in part number the desired height required from port center line to mounting surface (reservoir wall), 2.5" minimum.

Bolt Flange (Part Number BF8R):

- For bolt down installation to reservoir.
- Bolt flange supplied with 1/8" thick gasket.

Weld Flange (Part Number WF8R):

- For weld in place installation on reservoir.
- Weld flange identical to bolt flange except without bolt clearance holes and gasket.

HOW TO ORDER:

BF8R 18 F9 P 03N 25 B 0000 0

Code	Filter Housing Length
9	9" BEB/9
18	18" BEB/18
36	Double 18" BEB/18

Code	Port Size & Type
F9	2" (4) Bolt SAE Flange
F11	3" (4) Bolt SAE Flange
T9F10	1 1/2" (4) Bolt SAE Flange & 2" NPTF Combination

Code	
P	Gauge Part Plug
G	Gauge

Filtration Rating	
Code	Filtration Rating
03N or 03A	3 Micron Nominal/Absolute
10N or 10A	10 Micron Nominal/Absolute
100W	100 Micron Nominal/Absolute

OIL FILL PORT	
0	None
M	1 1/4" NPTF Magnetic Plug

Code	Description
0000	Customer to weld flange to filter housings.
Dimensions in inches carried out two (2) decimal places.	Desired height from casting port center line mounting surface (reservoir) Note Mfg. tolerances ± .06".
Ex: 8 9/16" = 0856	

Code	Mounting Flange Options
B	Bolt Flange
W	Weld Flange

ByPass	
Code	By-Pass Valve Setting
25	25 PSI (Standard)
50	50 PSI

BEHRINGER CORP., 17 RIDGE ROAD, BRANCHVILLE, NEW JERSEY 07826

973*948*0226 fax: 973*948*2562

www.behringersystems.com

cserv@behringersystems.com

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NOTE:

- Standard: 100 Mesh stainless steel wire cloth is standard for filter elements WE-509-100, WE-509-100R, WE-518-100, & WE-518-100R. Optional: 30, 60, & 200 Mesh wire cloth.
- Filter elements WE-518-3AZ & WE-518-10AZ contain "Aqua-Zorb"™ (water absorbing) filter media.

Average pressure drop through clean assembly with 150 SUS oil at 105° F

