

Redesigned Version

BEHRINGER®

Behringer MBMF, Offline Microfiltration Unit

Oil contamination attributes to 70% of all Hydraulic Components. Silt particles the smallest particles under 3 micron cause most of this damage by removing these contaminants your component life can be extended. In a normal hydraulic system alternating dynamic flow speed inhibits the achievement to a fine filtration level. Behringer's MBMF unit is an offline portable or stationary self contained filtration unit, allowing for fine filtration (3 micron absolute) at a very low flow rate. This is done in a steady state flow situation which optimizes particle retention. It is ideal for hydraulic systems with inadequate filtering capacity. The compact design allows for mounting directly near a hydraulic reservoir. This unit is available for fluids of water glycol, water base fluids and phosphate esters. In addition, media is available for water removal in hydraulic fluids.



<u>Specifications</u>		
Motor/Choice	Single Phase 115V/230V wired at time of install 6.2/3.1 amps	3-Phase 230V/460V wired at time of install 1.6/.8 amps
Manifold/Choice	Single or dual	
Aluminum—Zinc	Aluminum	
Max. Oil temp.	250° F	
Viscosity range	0-1600 SUS	
Visual Indicator	60 PSI	
Pump	Gear	
Flow rate	2.4 GPM	
Test Point Threads	7/16-20 UNF, SAE4	
Bypass	90 PSI	
Inlet/Outlet Connection	1/2" JIC 37° Flare Connection	
Weight	MBMF1-45lbs, MBMF2-60lbs	
Fluid Type Compatibility	All Types	

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Order Code: MBMF 1 - 30 3 - 03A

Model _____
Standard (MBMF)

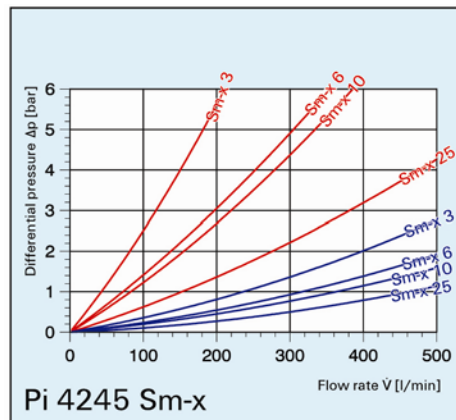
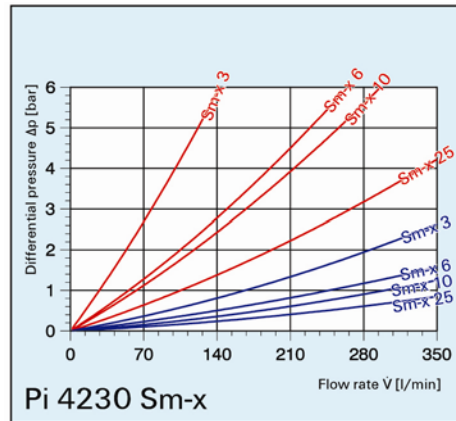
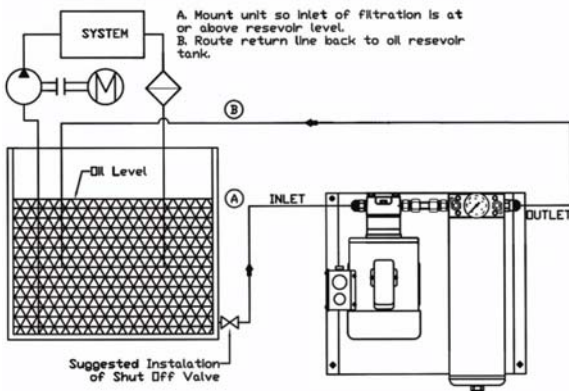
of Filter Housings _____
Single – 1
Double – 2

Length Element _____
30 – Standard
45 = Extra Capacity

Motor _____
Single Phase – 1
3 Phase – 3

Filtration Rating (Absolute) _____
Micron = 03A, 06A, 10A, 25A
Water Removal Media = H03A, H06A, H10A, H25A micron

Installation Schematic



Replacement Element Order Code

Element Length 30

03A=BEPi2130
06A=BEPi5130
10A=BEPi3130
25A=BEPi4130

Element Length 45

03A=BEPi2145
06A=BEPi5145
10A=BEPi3145
25A=BEPi4145

The red is 190 Centistokes

The blue is 33 Centistokes

_____ Behringer® Corp., 17 Ridge Road, Branchville, NJ 07826 _____

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