

Maintenance is essential for the efficient functioning of engine equipment. However, it is always a critical decision between the quality of the maintenance and the costs involved. Optimal maintenance efficiency combines maximum achievement of the maintenance goal (protection and prolonged usage life of the object) with minimal use of means (costs). The Stauff RMF by-pass filter is unique in that it not only achieves the goal, but saves on costs.

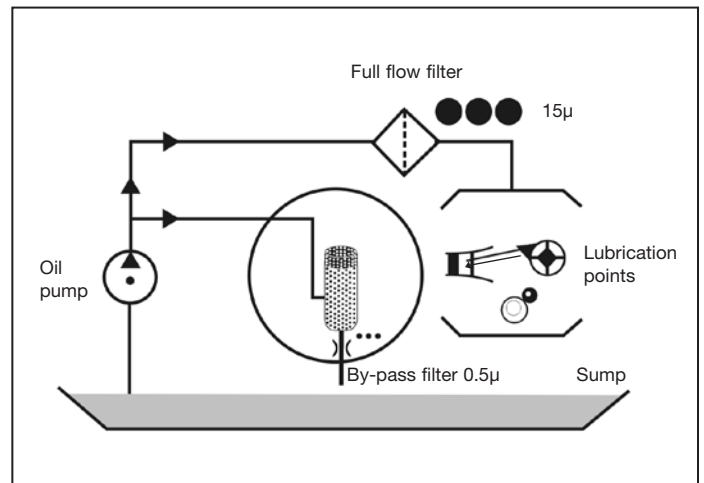
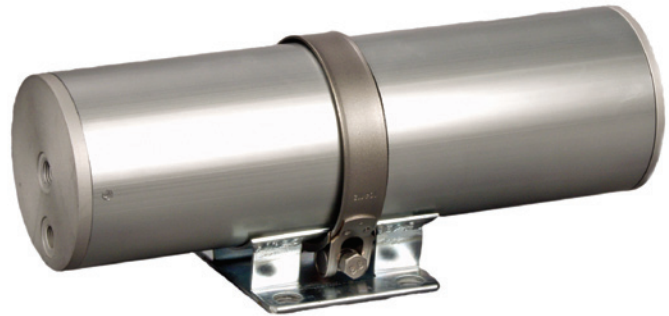
The Stauff RMF by-pass filter keeps the oil clean, resulting in significant technical, environmental and financial benefits thanks to reduced wear and tear on equipment and machines and prolonged oil life time.

Stauff RMF systems BPLS by-pass filters are used as an additional micro filter connected in by-pass to the conventional main stream filters on engines (and automatic transmissions.) Most contamination is much smaller than 15 micron in size, but full flow filters generally do not filter below this level. This results in a lot of harmful contamination passing through these filters and remaining in the system. Stauff RMF Systems by-pass filters are capable of filtering down as low as 0,5 micron without detriment to the lubrication circuit. (see schematic)

Whatever the application, the benefits of the Stauff RMF Systems by-pass filters are all based on maintaining a higher quality and cleanliness level of the oil and thereby avoiding the multiple problems that can be caused by fluid contamination.

The benefits are many, and can be broken into three categories :

- Technical benefits
- Environmental benefits
- Financial benefits



## Technical benefits

- Less malfunctioning
- Greater reliability of operation
- Prolonged oil usage life
- Reduced down time
- Reduced wear on cylinder linings and pistons
- Less bore polishing
- Less formation of black sludge
- Improved engine compression
- Increased equipment life time

## Environmental benefits

- Less oil consumption
- Therefore less waste oil
- Increased life time of additives
- Reduction of harmful emissions

## Financial benefits

- Savings in labour and materials (oil changes)
- Reduced costs for repairs and downtime
- Reduced waste processing costs

## Specifications BPLS Filters

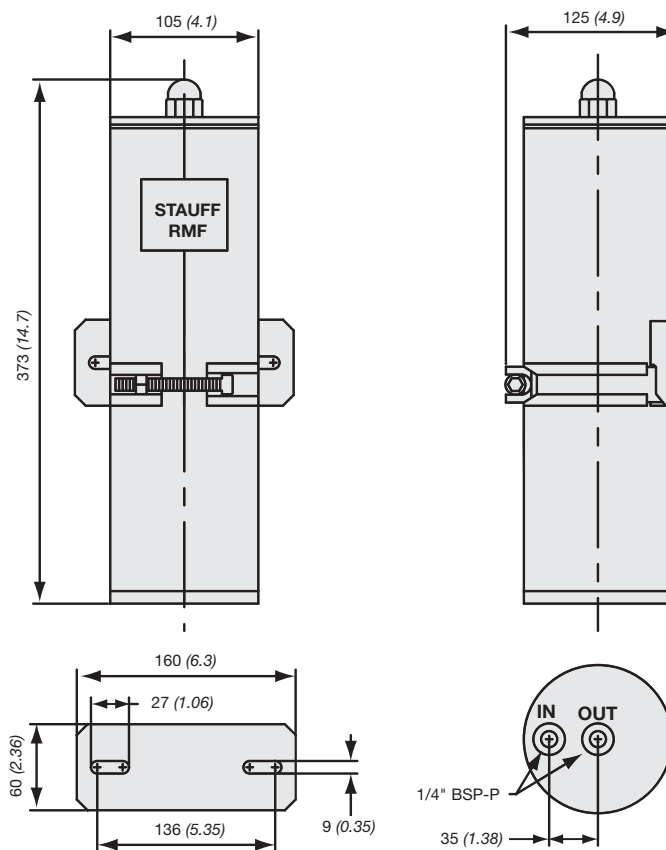
### BPLS-1A-26

Maximum sump size	35 liter (9.25 gal)
Maximum supply pressure	6 bar (87 PSI)
Burst pressure housing	> 20 bar (>290 PSI)
Outlet orifice	1,5 mm (0.06")
Housing volume	2,2 liter (0.58 gal)
Inlet Port	1/4" BSP-P
Outlet Port	1/4" BSP-P

## Applications

- Construction equipment
- Agricultural equipment
- Forestry equipment
- Diesel driven welding machines/generators
- Port equipment

## BPLS-Filter Dimensions



Dimensions in mm (inch)

## Ordering Code

**BPLS - 1A - 26 - H - B - 0 - 0 - 0**

Basic Configuration	
<b>BPLS</b>	BY-PASS Lube-Oil Filter (for engines and transmission systems)

Housing Configuration		
Code	Single length	N° of elements
1A	Single Housing	1 pcs element - (281 mm)

Filter Element Length	
26	281 mm (standard)

Filter Material	
H	Cellulose 0,5µm No bottom seal (standard)

Bracket Options	
0	No mounting bracket
1	Standard mounting bracket (bulkhead)

Options	
0	No options

Housing Material	
0	Aluminium (standard)

Seal Material	
B	NBR (Buna-N®) (standard)
V	FPM (Viton)

## Ordering Code Filter Elements

**SRM - 26HB - 1**

Filter Element	
<b>SRM-26HB</b>	Replacement filter element for BPLS series length 281 mm

Quantity	
1	1 pcs. filter element
12	box with 12 pcs. filter element