

Spin-On Filters



EATON

Powering Business Worldwide

High performance technology for efficient control of contamination levels in hydraulic, lubrication and engine circuits

Eaton's spin-on filters are designed to provide one of the highest cleanliness levels for hydraulic systems, featuring cartridges that are engineered to fit into many leading filter systems on the market.

These filters are available with the following features:

- Compatible with a variety of mediums such as oils, fuels, emulsions, glycol water and synthetic fluids
- Cartridge pressure values in 12, 25 and 35 bar
- Flow rates up to 180 l/min
- Wide range of operating temperatures from -25 °C up to +110 °C
- Buna N gaskets
- Connection sizes: 1/2", 3/4", 1", 1 1/4" in BSPP or NPT
- Other configurations are available upon request

Eaton's spin-on filters are manufactured and tested according to ISO 2941, ISO 3723 and ISO 2942.



Technical data and product selection guide

Spin-on filter series	Nominal sizes	Max. operating pressure bar	Filter fineness options μm	Filter area cm^2	Connection size BSPP or NPT	Bypass valve (optional) * bar	Clogging indicator options *
SPL low pressure	35	12	3, 6, 10, 25	1700	3/4"	1.75	03
	55	12	3, 6, 10, 25	2700	3/4"	1.75	
	75	12	3, 6, 10, 25	4440	1 1/4"	1.75	
	150	12	3, 6, 10, 25	5980	1 1/4"	1.75	
SPM medium pressure	35	25	3, 6, 10, 25	1700	1/2"	1.75	04 E9.1, 5 E11.1, 5
	55	25	3, 6, 10, 25	2700	1"	1.75	
	120	20	3, 6, 10, 25	3580	1 1/4"	1.75	
SPH high pressure	100	35	3, 6, 10, 25	1680	3/4"	1.75	04 E12.1, 5
	140	35	3, 6, 10, 25	2830	1"	1.75	
	180	25	3, 6, 10, 25	5010	1 1/4"	1.75	

* Standard filter does not include bypass valve or clogging indicator. Consult Eaton for other options.

Applications

- Cooling circuits
- Lube oil systems
- Power transmissions
- Compressors
- Hydrostatic charge pumps
- Fuel transfer

Spin-on filters consist of a head mounted directly in-line with the piping and a cartridge containing a filter element. The cartridge seals to the head to prevent leakage. These filters are an effective and economical choice where the line pressure is low, and there are no strong pressure surges. Filters are easy to replace without special equipment or tooling.

Markets

- Power generation
- Agriculture
- Oil and gas
- Construction
- Forestry
- Mining
- Material handling





Powering Business Worldwide

North America

44 Apple Street
Tinton Falls, NJ 07724
Toll Free: 800 656-3344
(North America only)
Tel: +1 732 212-4700

Europe/Africa/Middle East

Auf der Heide 2
53947 Nettersheim, Germany
Tel: +49 2486 809-0

Friedensstraße 41
68804 Altlußheim, Germany
Tel: +49 6205 2094-0

An den Nahewiesen 24
55450 Langenlonsheim, Germany
Tel: +49 6704 204-0

China

No. 3, Lane 280,
Linhong Road
Changning District, 200335
Shanghai, P.R. China
Tel: +86 21 5200-0099

Singapore

100G Pasir Panjang Road #07-08
Singapore 118523
Tel: +65 6825-1668

Brazil

Rua Clark, 2061 - Macuco
13279-400 - Valinhos, Brazil
Tel: +55 11 3616-8400

**For more information, please
email us at filtration@eaton.com
or visit www.eaton.com/filtration**

© 2018 Eaton. All rights reserved. All trademarks and registered trademarks are the property of their respective owners. All information and recommendations appearing in this brochure concerning the use of products described herein are based on tests believed to be reliable. However, it is the user's responsibility to determine the suitability for his own use of such products. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by Eaton as to the effects of such use or the results to be obtained. Eaton assumes no liability arising out of the use by others of such products. Nor is the information herein to be construed as absolutely complete, since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations.

EN
10-2018

