

Part number:

**HYDROMA**  
HYDRAULICKÉ SYSTÉMY**HIDROMA**  
SISTEMS  
UKŁADY HYDRAULICZNE**HYDROMA**  
ГИДРАВЛИЧЕСКИЕ СИСТЕМЫ

# HIGH PRESSURE SPIN-ON FILTERS

## MSH Series



### Features

- Compact design and quality construction.
- The high efficiency "CH" canisters are of seamless construction with a Beta rating of 200.
- Unique sealing system ensures the filter will withstand medium pressures up to 50 bar.
- Aluminium body, nylon bypass valve and brass indicators.

### Applications

- Ideal for use in servo-assisted hydrostatic transmissions where the servo line requires high performance filtration at medium working pressures.
- Suitable for mobile, industrial and agricultural equipment.
- Ideal for use on supercharging or auxiliary low pressure lines.

### Performance

Flow Rating	Up to 250 L/min
Max. Working Pressure	35 bar
Temperature Range	- 25 C to + 110 C
Filtration	10 and 25 micron
Construction	Aluminium
Fluid Compatibility	Mineral & synthetic oils, water based emulsions
Indicators	Differential
Bypass Pressure	2.5 bar +/- 10%

### Filter Technical Specifications

Part Number	Flow Rate (L/min)	Bypass (bar)	Seals	Port Size	Post Size	Indicator
MSH050BAG1T2	44 - 120	2.5 bar	A = Buna	G1 = 1" BSP	3/4" BSP	T = Plug (std)
MSH100BAG1T2	110 - 250			G1 = 1-1/2" BSP		

### Element Technical Specifications

Part Number	Flow Rate (L/min)	Element Type	Suits Filter Housing
CH050A10A	70	10u ABS Microfibre	MSH050BAG1T2
CH050A25A	100	25u ABS Microfibre	MSH050BAG1T2
CH100A10A	158	10u ABS Microfibre	MSH100BAG1T2
CH150A10A	175	10u ABS Microfibre	MSH100BAG1T2
CH150P10A	218	10u Nom Paper	MSH100BAG1T2

NB: Flow rates are based on oil with 30cst viscosity and pressure drop of filter assembly of 0.6 bar.

### Dimensions - MSH 050

#### Filter Lengths

Type	H (mm)
MSH 050	236

#### Thread Connections

Type	"A" Connection	"B"
G1	G 1"	M 8

