

The Micromag HP/50 has all the same benefits of the standard Micromag but has been developed to suit high pressure through spindle-coolant applications, where the smallest of particles can damage seals, spindles and even reduce the efficiency of the cutting tool.

Micromag HP/50 can be installed anywhere in the fluid delivery system and will ensure that even sub-micron magnetic and para-magnetic particles are removed before they can cause any expensive damage.

For further information relating to the benefits and operation of the Micromag HP/50 please refer to the supplied standard Micromag brochure

Cleaning

Using the supplied cleaning tool, a fully contaminated core can be cleaned in under 30 seconds. Only metallic particles are removed from the filter and these can be easily disposed. There are no dirty cartridges!



Suitable Products

Neat & soluble oils.

Installation Location

Pre or post pump, delivery line, spindle feed or pre membrane cartridge.

Benefits

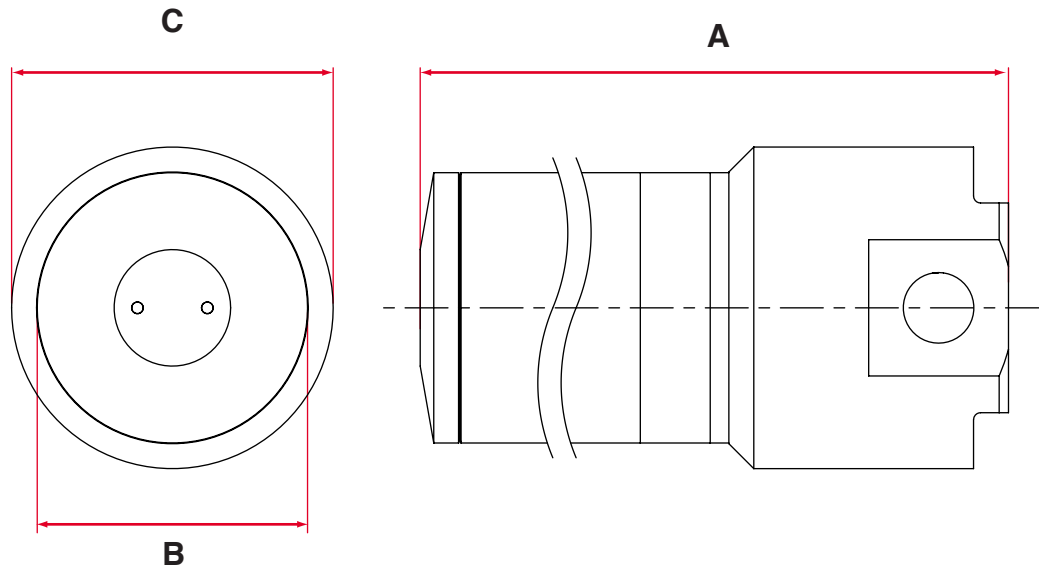
- High pressure
- Sub micron filtration
- Large holding capacity
- High intensity rare earth magnetic material
- Suitable for all machining applications
- Environmentally responsible
- No consumables

Category

High Pressure.



Technical Data:-



Product number	Flow rate Gallons/min	Contamination capacity lbs	Max. operating pressure psi	Connection NPT (in)	Temperature range F	Construction	Dimensions inches		
							A	B	C
MM5/HP/50 NPT	18	2.2	725	1	32 – 284	Full aluminum construction	9.7	4.6	4.9
MM10/HP/50 NPT	26	4.4	725	1	32 – 284		14.3	4.6	4.9
MM20/HP/50 NPT	40	8.8	725	1½	32 – 284		24.6	4.6	4.9

Performance

Maximum Pressure	725psi
Magnetic Performance:	High Intensity
Circuit Design:	Open
Magnetic Material:	Rare Earth Neodymium Iron Boron
Magnet Grade:	N45 – Inspected & confirmed via hystergaph prior to use
Temperature:	32-284 F

Materials:-

Housing:	Aluminium
Lid:	Aluminium
Tube:	304 Grade stainless steel

Surface:	Finish Machined and anodised
Sealing:	Viton O-ring

Options

- Core cleaning post
- Mounting bracket
- Port adaptors

If you have any more questions, require technical assistance or would like a quotation, please contact us.