

PATENTED DESIGN

Micromag hp50



Compact magnetic filter, easy to clean and install, high collection capacity relative to size.

High Intensity Magnetic Filter

The Micromag hp50 has all the same benefits of the standard Micromag but has been developed to suit high pressure through spindle-coolant applications, where the smallest particles can damage seals, spindles and even reduce the efficiency of the cutting tool.

Micromag hp50 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 hp50, please refer to the supplied standard Filtration brochure.

Benefits

- High pressure rated
- Sub-micron filtration
- Large holding capacity
- High intensity 'Rare-Earth' magnetic material
- Full Aluminum construction
- Suitable for all machining applications
- Environmentally responsible
- No consumables



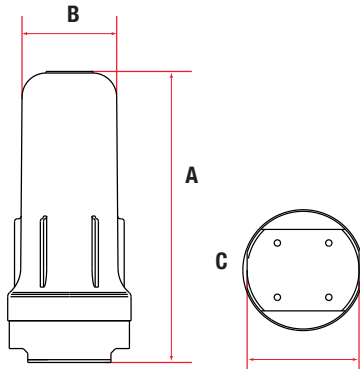
Cleaning

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!

Installation Location

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

Technical Data



Product number	Flow rate	Max. operating pressure	Connection	Temperature range	Construction	Dimensions inches		
	gallons/min.					A	B	C
MM5/HP/50NPT	18	725	1	41 - 284	Full Aluminum construction	9.7	4.6	4.9
MM10/HP/50NPT	26	725	1			14.3	4.6	4.9
MM20/HP/50NPT	40	725	1½			24.6	4.6	4.9
METRIC	ltrs/min.	bar	NPT "	°C	Construction	mm		
MM5/HP/50NPT	70	50	1	5 - 140	Full Aluminum construction	247	116	125
MM10/HP/50NPT	100	50	1			365	116	125
MM20/HP/50NPT	150	50	1½			625	116	125

Performance

Magnetic Performance	High intensity
Circuit Design	Open
Magnetic Material	Rare Earth Neodymium Iron Boron
Magnet Grade	N45 – Inspected & confirmed via hysteresis prior to use

Materials

Housing	Aluminum
Lid	Aluminum
Magnetic Core	304 Grade Stainless Steel
Surface	Finish machined and anodised
Sealing	Viton O-ring

Options

Core cleaning post
Mounting bracket
Port adaptors



FM31278

Eclipse Magnetics NA. Innovative Magnetic Solutions

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