

PATENTED DESIGN

Micromag hp80



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

High Intensity Magnetic Filter

The Micromag hp80 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 hp80 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 hp80, 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 Stainless Steel construction
- Suitable for all machining applications
- Environmentally responsible
- No consumables



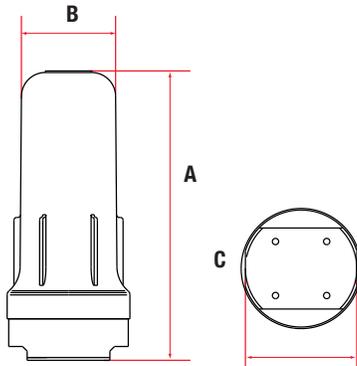
Cleaning

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/80NPT	18	1160	1	41 - 284	Full Stainless Steel construction	9.7	4.6	4.9
MM10/HP/80NPT	26		1			14.3	4.6	4.9
MM20/HP/80NPT	40		1½			24.6	4.6	4.9
METRIC	ltrs/min.	bar	NPT "	°C	Construction	mm		
MM5/HP/80NPT	70	80	1	5 - 140	Full Stainless Steel construction	247	116	125
MM10/HP/80NPT	100	80	1			365	116	125
MM20/HP/80NPT	150	80	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 316 Grade Stainless Steel
Lid 316 Grade Stainless Steel
Magnetic Core 316 Grade Stainless Steel - Aerospace Quality



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