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Type *acuraMagnet* MG1 High Efficiency Magnet Filter

The high efficiency magnet filter of series *acuraMagnet* MG1 is a pipe work magnetfilter with up to 7 high performance magnet bars who can removed without opening the system by a hand wheel device. This allows a nearly permanent operation and a maximum process safety. The draining process is defiend by the position of the valves. The valves can by equipped by pneumatical and electrical engines to have full automatic process. The unit can clean the fluid from magnatic solids and slurry. A full-automatic venting unit allows a airless and safe operation.

OPERATION FIELDS

- Heating units
- Food and beverage filtration
- Process units
- Safety units

PROCESS SAMPLES

- Protection of high efficiency pumps
- Protection of jet nozzles, valves and pipe works



TECHNICAL DATA

Magnet Filter *acuraMagnet* MG1

Flow rate*1	up to 15 m³/h
Material Filter Housing	1.4301
Material Magnets	perm. magnet bar N-35SH
Magnet Force	up to 12.000 Gs
Quantity of Magnets	up to 7 Stk.
Inlet- and Outlet connection (N1/N2)	Flange DN50 PN16
Vent/Flush (N3)	Rp 1" (Internal Thread)
Drain (N4)	Rp 1" (Internal Thread)
Gasket	Flat gasket AFM 43*2
Max. Pressure	10 bar alt. 16 bar
Max. Temperature	110°C*3
Volume	15 l
Weight	65 kg

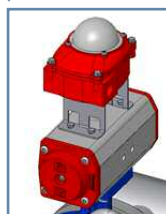
*1 depending on the viscosity and the flow rate (standard media: water)

*2 on request we can delivery the gaskets with FDA certificate

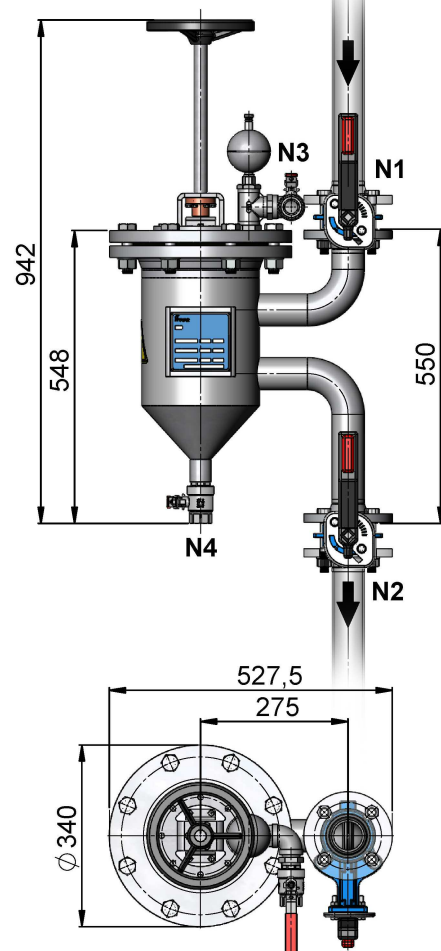
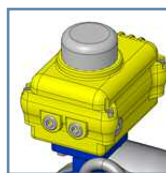
*3 higher temperatures on request

Optional:

pneumatical



electrical



CONSTRUCTION

- Declaration of conformity acc. DGRL 2014/68/EU
- Classification acc. Art.4, Paragraph 3
- Approved for the operation with fluids only of group 2 (not dangerous)

Subject to technical alterations.
AL1093-00-E

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