

I Applications:

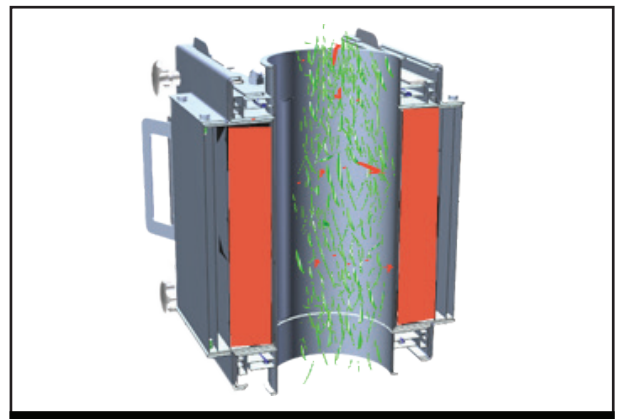
With this type of tube magnet the material to be screened has only minimum impact surfaces. This is why it is particularly suited for the control of highly abrasive materials with grainy or fibrous structure.

I Description of functions:

The downpipe continuing in the magnetic separator is surrounded by strong permanent magnets at the whole outer circumference. The magnets' arrangement is chosen in such a way that the whole conveying cross section can be reliably monitored. Metal parts are pulled to the downpipe's wall and held tight until the operator removes them with the swivelable fast cleaning system. The following product will not generate sufficient energy to release the metal parts.

Tube Magnet

RSM-K



I Product requirements:

Important for bulk goods:
The material to be monitored should have a low specific weight and be dry.

I Housing:

Material: 1.4301 surface
Surface:
Glass bead blasted outside,
ground inside
Inlet and outlet via Jacob-System connections
(other designs to be agreed upon)

I Magnetic material:

We use high-energy neodymium magnets making it possible to seize small metallic parts as well

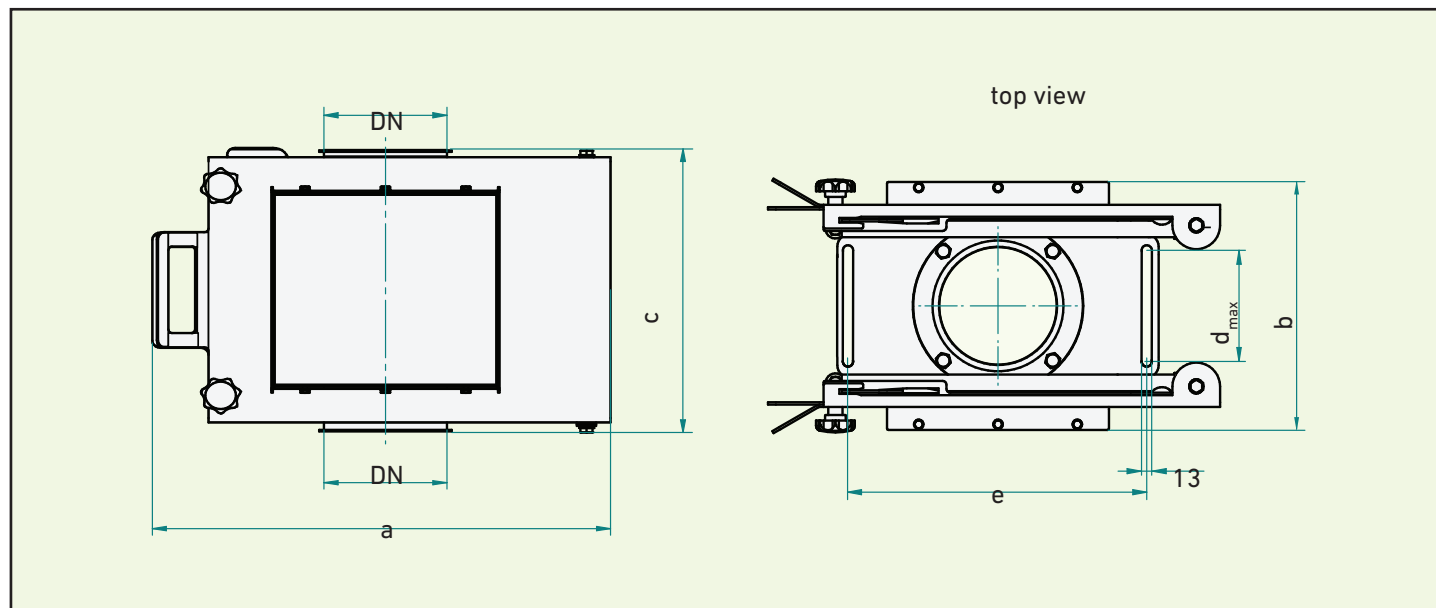
I Product description:

The tube magnet consists of a stainless steel casing with exchangeable Jacob system connection in inlet and outlet.

Additional mounting brackets are fixed at the casing cover for the device's stable attachment at the steel construction

The magnets are included in swivelable doors. The operator must only loosen the star grip and can then open the doors for cleaning the magnets.
In order to facilitate the removal of the seized parts for the operator our tube protective magnets are equipped with an EasyClean-hood.

With this type of tube magnet the material to be screened has only minimum impact surfaces. Even so it is guaranteed that the operator can exchange all components coming into contact with the product himself if necessary – this applies to pipe adaptors and magnet-cleaning hoods.



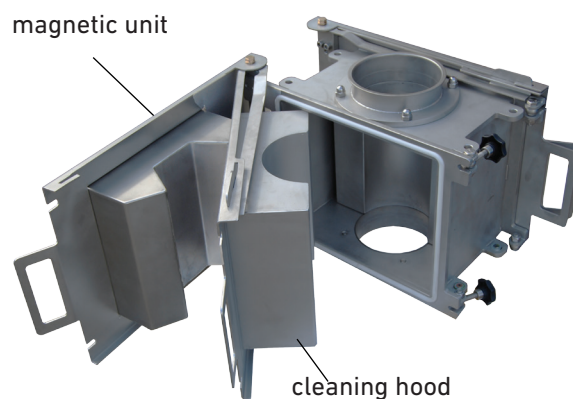
	DN	a	b	c	d	e	kg	
Type RSM-K								Type RSM-K
RSM-K 65	60	365	200	339	50	170	34	RSM-K 65
RSM-K 80	80	435	230	339	70	240	49	RSM-K 80
RSM-K 100	100	460	260	339	90	265	58	RSM-K 100
RSM-K 150	150	570	350	390	140	375	107	RSM-K 150

I Cleaning:

For the removal of the seized metal parts it is essential to loosen the star grip and swivel the doors outward at the grips.

As soon as this separation position is reached the cleaning hood clicks into place and only the magnetic unit can then be moved

After the separation of the magnetic unit and the cleaning hood the restrained metal parts fall down



I ATEX:

The tube-systems have been tested for freedom from ignition sources in accordance with EU Directive 94/9/EC. All machines are also suitable for use in ATEX Zone 20 (dust) provided the design is adapted accordingly.