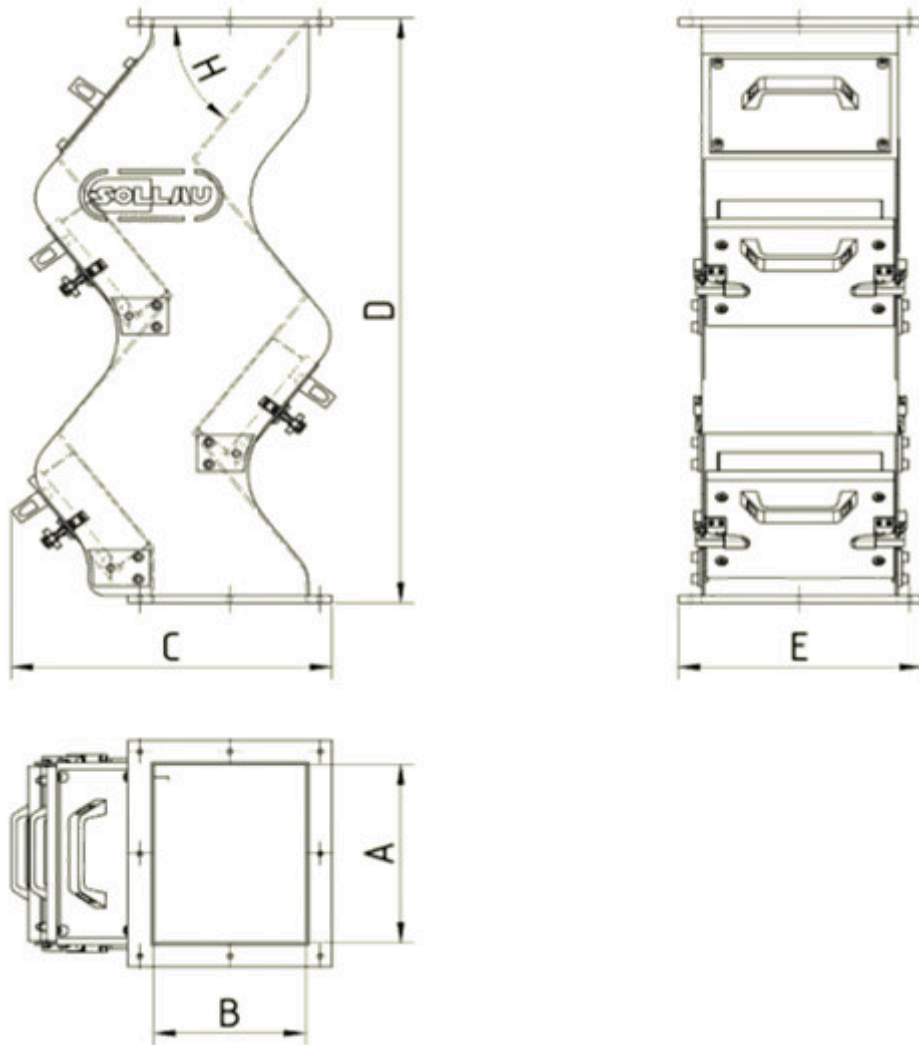


Datasheet MSK-MC 400 F



Model	Weight (kg)	Max. flow capacity (m ³ /h)	Dimensions (mm)					
			A	B	C	D	E	H
MSK-MC 400 F	140	45	400	200	440	800	480	53°
MSK-MC 600 F	200	85	600	200	440	800	680	53°
MSK-MC 800 F	260	130	800	200	440	800	880	53°
MSK-MC 1000 F	340	195	1000	300	600	1200	1080	53°
MSK-MC 1250 F	430	250	1250	300	600	1200	1330	53°
MSK-MC 1500 F	530	365	1500	300	600	1200	1580	53°

Parameter name	Value
Description:	Cascade magnet with manual cleaning
Separator placement:	inside of a pipeline
Material flow direction (beginning with the most common one):	vertical
Max. magnetic induction (depending on the type of the separator it is either a magnetic value on the surface of the separator or a magnetic value that is in direct contact with the treated material. Tolerance +/- 10 %):	1300
Weight of the separator (kg):	140
Connecting dimension, inlet and outlet diameter of the separator (mm):	400
Application (= the material that the application of this separator is suitable for):	bulk material
Separator is suitable also even for the materials of poor bulk properties:	yes
Minimum size of the particles that can be captured by the separator (mm):	1.5
Maximum size of the particles that can be captured by the separator (mm):	100
Separator is suitable for vacuum or pressure conveying lines:	no
Separator is suitable for materials transported by:	pipeline
Separator is able to capture paramagnetic particles:	no
Separator is suitable for abrasive materials (1 = strongly abrasive, 2 = slightly abrasive, 3 = non-abrasive):	2
Separator is suitable for materials that tend to solidify (the materials must be heated):	no
Separation of non-ferrous metals:	no
Cleaning of the separator:	manual cleaning (with easy cleaning system), it is necessary to interrupt the material flow during the cleaning
Max. operating temperature/ max. temperature of the material (°C):	100
Min. surrounding ambient temperature (°C):	-25
Max. surrounding ambient temperature (°C):	45
Built-in standard magnet type	ferrite magnet

Material of the sealing (it regards only some separators):	silicone
Number of magnetic plates (it concerns magnetic cascades only):	3
Maximum capacity. The mentioned capacities are informative and non binding (m ³ /h):	45
Options of the extended anti-abrasion protection:	chemical nickel coating, plastic coating, rubberizing, ceramic lining
Material of the separator body (that is in contact with the treated material):	DIN 1.4301
ATEX specification (number):	20, 21, 22
Outer surface treatment of the separator:	Sandblasted, partial painting coat with the paint of RAL colour shade
Inner surface treatment of the separator:	sandblasted
Magnetic system:	magnetic plate
Connection possibilities of the separator (the variant mentioned as the first is the standard one):	square flange
Other additionally paid options (beside the already mentioned options referring to the anti-abrasion protection, motor and connection types):	inner polishing
Max. operation time (hours/day):	24
Max. production time for a standard version (if not available in stock) (weeks):	8
Standard packing:	stretch wrap + cardboard box
Other packing modes (surcharged options):	wooden box, maritime packing according to clients needs
Warranty (months):	12

The mentioned capacity is only approximative and depends on the type of the cleaned material. This product can be delivered also in other dimensions, in versions with a higher temperature resistance and other kind of magnets etc. upon a special request.