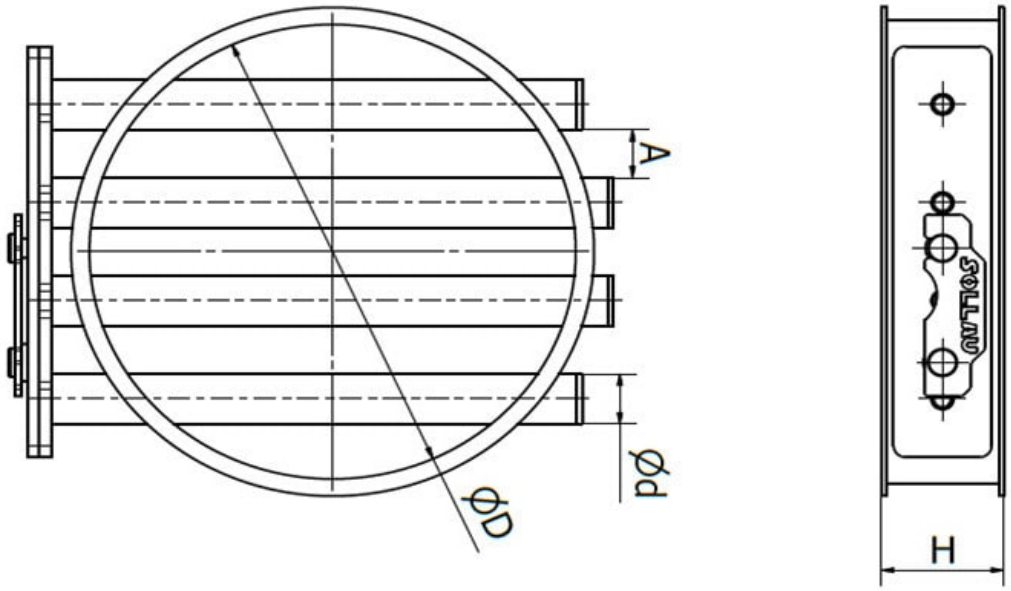
Datasheet MSS-MC EKO 150 N



Model	Max. flow capacity (m^3/h)	Weight (kg)	Inner diameter D (mm)	Mumber of tubes	Tube diameter d (mm)	Distances between tubes A (mm)	Height H (mm)
MSS-MC EKO 100 N	1,5	1,2	99	2	22	22	50
MSS-MC EKO 150 N	3	2,5	149	3	22	22	50
MSS-MC EKO 200 N	4,5	,7	199	4	22	22	50
MSS-MC EKO 250 N	7	5	249	5	22	22	50

Parameter name	Value
Description:	Magnetic grate separator in housing
Separator placement:	feeding hopper, inside of a pipeline
Material flow direction (beginning with the most common one):	vertical, horizontal
Maximum effective reach of the magnetic field (mm):	30

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 %:	5200
Magnetic flux on the magnetic core (G) Tolerance +/- 10 %:	9000
Weight of the separator (kg):	2.5
Connecting dimension, inlet and outlet diameter of the separator (mm):	149
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:	no
Minimum size of the particles that can be captured by the separator (mm):	0.03
Maximum size of the particles that can be captured by the separator (mm):	10
Separator is suitable for vacuum or pressure conveying lines:	no
Separator is suitable for materials transported by:	gravity, pipeline
Separator is able to capture paramagnetic particles:	yes
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):	80
Min. surrounding ambient temperature (°C):	-25
Max. surrounding ambient temperature (°C):	45
Built-in standard magnet type:	neodymium magnet N35
Diameter of the outer (protective) tube of the magnetic rod (mm):	22

Inner diameter (either of the uncovered magnetic cores or of the magnetic rod covered by the first protective stainless steel tube = system tube in tube) (mm):	19
Number of magnetic tubes (it concerns grate type separators only):	3
System tube in tube (it concerns grate type separators only):	ne
Maximum capacity. The mentioned capacities are informative and non binding (m3/h):	3
Options of the extended anti-abrasion protection:	chemical nickel coating
Material of the separator body (that is in contact with the treated material):	DIN 1.4301
ATEX:	zone 21, 22
Outer surface treatment of the separator:	sandblasted
Inner surface treatment of the separator:	sandblasted
Magnetic system:	magnetic tube
Connection possibilities of the separator (the variant mentioned as the first is the standard one):	JACOB flange
Other additionally paid options (beside the already mentioned options referring to the anti-abrasion protection, motor and connection types):	polished version, design for ATEX zone 20
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, pallet, maritime packing according to clients needs
Warranty (months):	12

Flow capacity depends on the type of the cleaned material. Due to the welds missing inside of this product, this separator is not suitable for food applications!

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