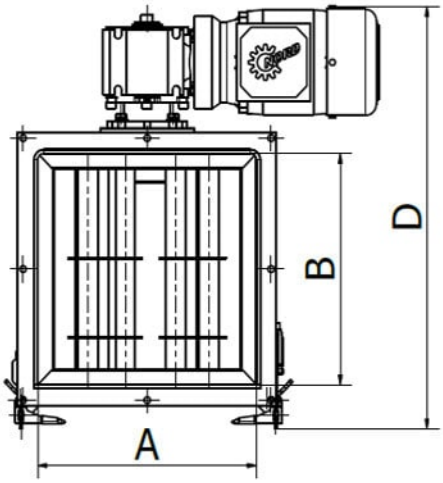
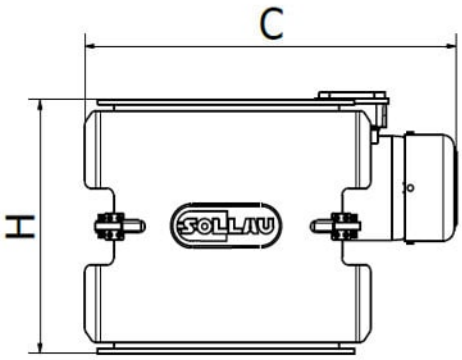
Datasheet MSR-MC EKO 300/8 N





			Dimensions (mm)					
Model	**Max. flow capacity (m^3/h)***	**Weight (kg)**	**A**	**B**	**C**	**D**	**H**	**Number of tubes**
MSR-MC EKO 200 N	9	43	200	200	465	450	250	6
MSR-MC EKO 250 N	15	51	250	250	490	500	290	7
MSR-MC EKO 300/8 N	24	59	300	300	515	550	330	8
MSR-MC EKO 300/12 N*	18	63	300	300	515	550	330	12
MSR-MC EKO 350/10 N	30	72	350	350	540	600	380	10
MSR-MC EKO 350/14 N*	26	77	350	350	540	600	380	14

Parameter name	Value
Description:	Magnetic rotatory separator with manual cleaning
Separator placement:	feeding hopper, inside of a pipeline
Application (= the material that the application of this separator is suitable for):	bulk material
Material flow direction):	vertical
Built-in standard magnet type:	neodymium magnet N52
Max. magnetic induction (G) on the surface of tube (+/- 10 %):	10500
Magnetic flux (G) on the magnetic core (+/- 10 %):	13500

Maximum capacity. The mentioned capacities are informative and non binding (m3/h):	24
Weight of the separator (kg):	59
Connecting dimension, inlet and outlet diameter of the separator (mm):	300
Standard connection of the separator:	square flange
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):	0.03
Maximum size of the particles that can be captured by the separator (mm):	10
Max. operating temperature/ max. temperature of the material (°C):	60
Min. surrounding ambient temperature (°C):	-25
Max. surrounding ambient temperature (°C):	45
Material of the sealing:	microporous silicone
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
Standard requirements for the installation:	electricity supply corresponding with the motor parameters
Cleaning of the separator:	manual cleaning (with easy cleaning system), it is necessary to interrupt the material flow during the cleaning
Diameter of the outer (protective) tube of the magnetic rod (mm):	27
Diameter of magnetic rod (mm):	25
Number of magnetic tubes:	8
System tube in tube:	yes
Material of the separator body (that is in contact with the treated material):	DIN 1.4301

ATEX (paid option):	zone 21, 22
Outer surface treatment of the separator:	sandblasted
Inner surface treatment of the separator:	sandblasted
Magnetic system:	magnetic tube
Motor brand:	Nord
Main motor input (kW):	0.25
Definition of the main motor electrical connection:	400 V, AC, 50 Hz, , PE-N, TN-C-S, circuit breaker 3F/32A
Available motor variants (the variant mentioned as the first is the standard one):	electric motor
Degree of motor protection against dust and water:	IP55
Rotational speed of the engine (rev/min):	28
Bearings:	SKF
Standard electrical equipment of the separator:	no external electric cable, no frequency convertor, no electric switchboard, wiring is terminated at the motor screw terminal
Options of the extended anti-abrasion protection:	chemical nickel coating, plastic coating, rubberizing, ceramic lining
Other standard parameters:	safety sensor, integrated container for ferromagnetic particles
Other additionally paid options:	inner polishing, polished tubes, frequency convertor, blow-off unit for shaft cleaning, revolution sensor, 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:	wooden box
Other packing modes (surcharged options):	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 different dimensions, in the versions with a higher temperature resistance, different magnets etc. upon a special request.