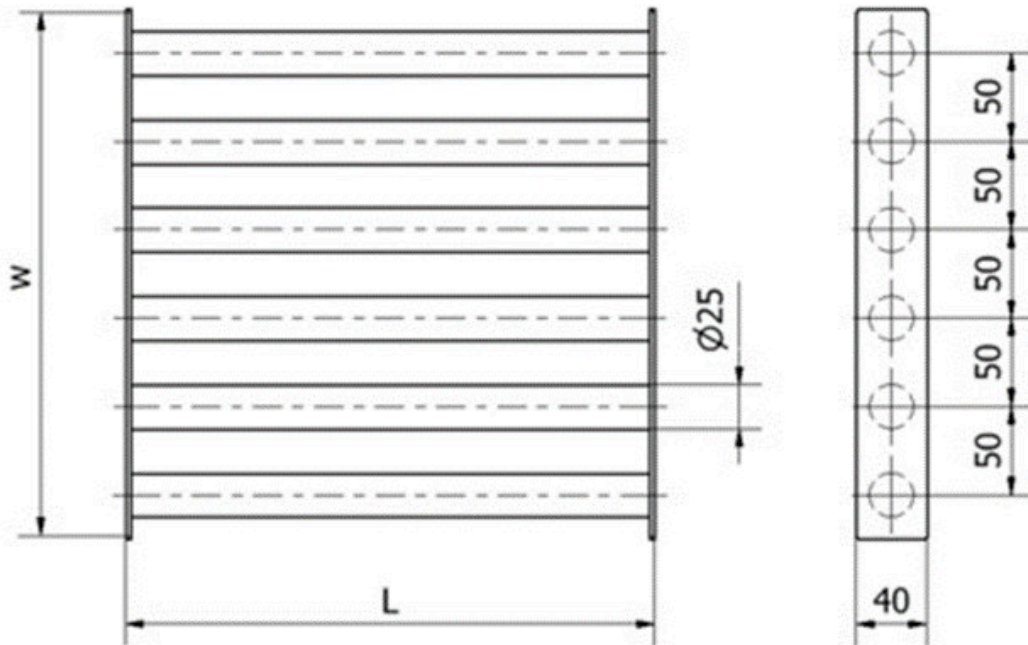


# Datasheet MR-EKO 100X100 N



Model	Weight (kg)	L (mm)	W (mm)	Number of tubes	Tube diameter (mm)	Distances between tubes (mm)
MR-EKO 100x100 N	1,2	100	100	2	25	25
MR-EKO 150x150 N	2,3	150	150	3	25	25
MR-EKO 200x200 N	3,8	200	200	4	25	25
MR-EKO 250x250 N	6,0	250	250	5	25	25
MR-EKO 300x200 N	7,3	300	200	4	25	25
MR-EKO 300x300 N	8,2	300	300	6	25	25
MR-EKO 350x350 N	11	350	250	7	25	25

Parameter name	Value
Description:	Magnetic grate without extractable magnetic cores
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, horizontal

Maximum effective reach of the magnetic field (mm):	40
Built-in standard magnet type:	neodymium magnet N52
Magnetic flux (G) on the magnetic core (+/- 10 %):	12000
Maximum capacity. The mentioned capacities are informative and non binding (m3/h):	
Weight of the separator (kg):	1.2
Connecting dimension, inlet and outlet diameter of the separator (mm):	100
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):	8
Max. operating temperature (°C):	60
Min. surrounding ambient temperature (°C):	-25
Max. surrounding ambient temperature (°C):	45
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):	3
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 (without easy cleaning system), a need of interrupting the material flow
Diameter of the outer (protective) tube of the magnetic rod (mm):	25
Number of magnetic tubes:	2
System tube in tube:	no
Material of the separator body (that is in contact with the material):	DIN 1.4301
ATEX (on request):	zone 20, 21, 22
Outer surface treatment of the separator:	sandblasted

Magnetic system:	magnetic tube
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):	13

The mentioned capacity is only approximative and depends on the type of the cleaned material.