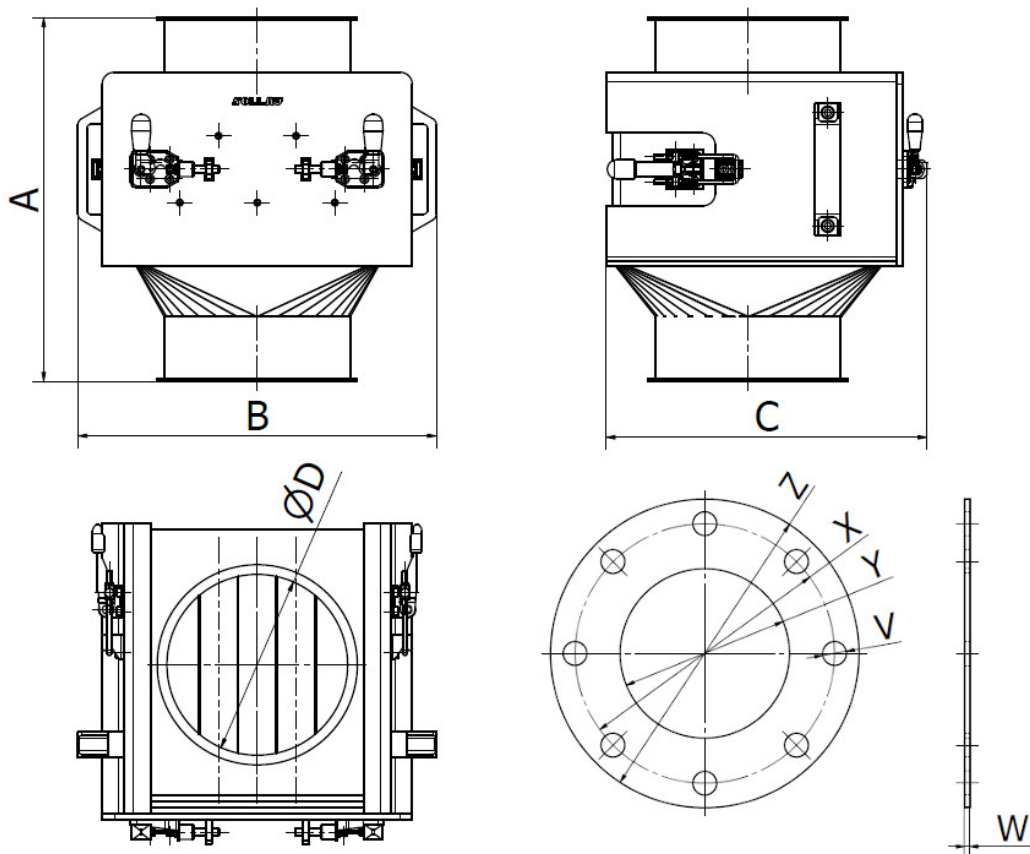


Datasheet MSS-MC IN 250/9 N



Models with flanges JACOB

Model	Max. flow capacity (m ³ /h)	Weight (kg)	Dimensions (mm)				Tube diameter (mm)	Distances between lower tubes (mm)	Distances between upper tubes (mm)	Distances between lower and upper tubes (mm)
			A	B	C	D				
MSS-MC IN 100/3 N	4	18	290	295	210	99	32	64	-	23
MSS-MC IN 120/3 N	4	18	290	295	210	119	32	64	-	23
MSS-MC IN 100/5 N	4	20	290	295	210	99	32	32	32	23

MSS-MC IN 150/5 N	7	24	300	295	265	149	32	32	32	23
MSS-MC IN 200/5 N	8	28	300	340	315	199	32	50	50	23
MSS-MC IN 200/7 N	8	32	300	360	315	199	32	32	50	23
MSS-MC IN 250/9 N	11	44	300	425	335	249	32	32	32	23
MSS-MC IN 300/9 N	15	50	300	465	395	299	32	32	32	23

Models with standard flanges

Model	Dimensions (mm)				
	V	W	X	Y	Z
MSS-MC IN 100/3 N	18	5	180	100	220
MSS-MC IN 125/3 N	18	5	210	125	250
MSS-MC IN 100/5 N	18	5	180	100	220
MSS-MC IN 150/5 N	22	5	240	150	285
MSS-MC IN 200/5 N	22	5	295	200	340
MSS-MC IN 200/7 N	22	5	295	200	340
MSS-MC IN 250/9 N	22	5	350	250	395
MSS-MC IN 300/9 N	22	5	400	300	445

Parameter name	Value
Description:	Magnetic grate separator in housing
Separator placement:	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 N35
Max. magnetic induction (G) on the surface of tube (+/- 10 %):	10 700 (optional variant with magnets N52: 12 200)
Magnetic flux (G) on the magnetic core (+/- 10 %):	17 000 (optional variant with magnets N52: 18 700)

Maximum capacity. The mentioned capacities are informative and non binding (m3/h):	11
Weight of the separator (kg):	38
Connecting dimension, inlet and outlet diameter of the separator (mm):	DN250
Standard connection of the separator:	flange EN 1092-1, JACOB flange
Minimum size of the particles that can be captured by the separator (mm):	0,03 mm
Max. operating temperature (°C):	80
Min. surrounding ambient temperature (°C):	-25
Max. surrounding ambient temperature (°C):	45
Material of the sealing:	silicone
Separator is able to capture paramagnetic particles:	yes
Separator is suitable for abrasive materials (1 = strongly abrasive, 2 = slightly abrasive, 3 = non-abrasive):	3
Cleaning of the separator:	manual cleaning with easy cleaning systém (it is necessary to interrupt the material flow during the cleaning)
Diameter of the outer (protective) tube of the magnetic rod (mm):	32
Diameter of magnetic rod (mm):	29
Number of magnetic tubes:	9
Material of the separator body (that is in contact with the material):	AISI 304 (DIN 1.4301)
ATEX (on request):	zone 20, 21, 22
Outer surface treatment of the separator:	sandblasted
Inner surface treatment of the separator:	sandblasted
Options of the extended anti-abrasion protection:	polished, chemical nickel coating, plastic coating, rubberizing
Other additionally paid options:	complete polishing (or tube only), flap for a manual interruption of the material flow, neodymium magnets N52, magnets with higher temperature resistance
Max. operation time (hours/day):	24
Max. production time for a standard version (if not available in stock) (weeks):	6-8
Standard packing:	wooden box
Other packing modes (surcharged options):	maritime packing according to clients needs

Warranty (months):	12
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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. The product can be equipped with a flap to interrupt the flow of material upon a special request of customer.