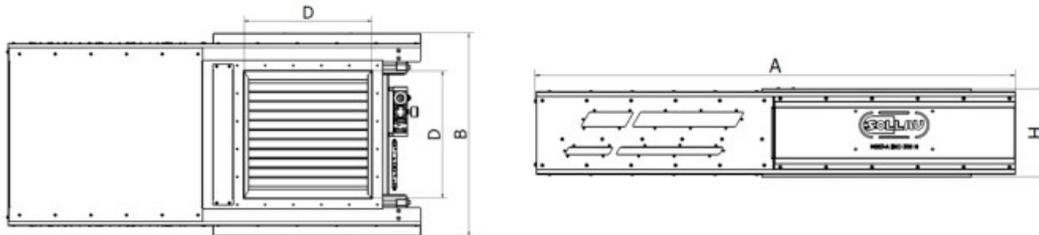


Datasheet MSSJ-AC 300 - TARANTULA



Model	Max. flow capacity (m ³ /h)	Weight (kg)	Dimensions (mm)				Number of tubes
			A	B	H	D	
MSSJ-AC 200 - TARANTULA	10	160	1050	510	300	200	10
MSSJ-AC 300 - TARANTULA	30	205	1250	610	300	300	14
MSSJ-AC 400 - TARANTULA	50	235	1450	710	300	400	18
MSSJ-AC 500 - TARANTULA	70	280	1650	810	300	500	22
MSSJ-AC 600 - TARANTULA	90	365	1850	910	300	600	26

Parameter name	Value
Description:	Self-cleaning magnetic grate separator for continuous operation
Separator placement:	inside of a pipeline
Material flow direction (beginning with the most common one):	vertical
Maximum effective reach of the magnetic field (mm):	40
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 %):	10500
Magnetic flux on the magnetic core (G) Tolerance +/- 10 %:	13500
Weight of the separator (kg):	205
Connecting dimension, inlet and outlet diameter of the separator (mm):	300

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):	6
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:	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
Standard requirements for the installation:	compressed air supply (of 6 - 8 bar), electricity supply (220 V, 50 Hz)
Cleaning of the separator:	fully automatic cleaning, it is not necessary to interrupt the material flow during the cleaning
Max. operating temperature/ max. temperature of the material (°C):	60
Min. surrounding ambient temperature (°C):	-25
Max. surrounding ambient temperature (°C):	45
Built-in standard magnet type:	neodymium magnet N52
Material of the sealing (it regards only some separators):	silicone
Diameter of the outer (protective) tube of the magnetic rod (mm):	27
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):	25
Number of magnetic tubes (it concerns grate type separators only):	14
System tube in tube (it concerns grate type separators only):	yes
Maximum capacity. The mentioned capacities are informative and non binding (m ³ /h):	30

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:	21, 22
Outer surface treatment of the separator:	sandblasted, partially painted (RAL colour tone)
Inner surface treatment of the separator:	sandblasted
Magnetic system:	magnetic tube
Degree of motor protection against dust and water:	IP55
Connection possibilities of the separator (the variant mentioned as the first is the standard one):	standard flange, JACOB flange
Standard electrical equipment of the separator:	external electric cable with a plug, METAL-WORK pneumatic cylinders, SIEMENS control system, 230 V, 1 F, 50 Hz
Other standard parameters:	colourful touch screen, external warning beacon, setting of the cleaning interval, password setting, START/STOP/TEST, separator can be stopped and cleaned anytime , errors reported on LED display made by Siemens, sight glass
Other additionally paid options (beside the already mentioned options referring to the anti-abrasion protection, motor and connection types):	inner polishing, 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. The separator can be positioned in the horizontal position only.