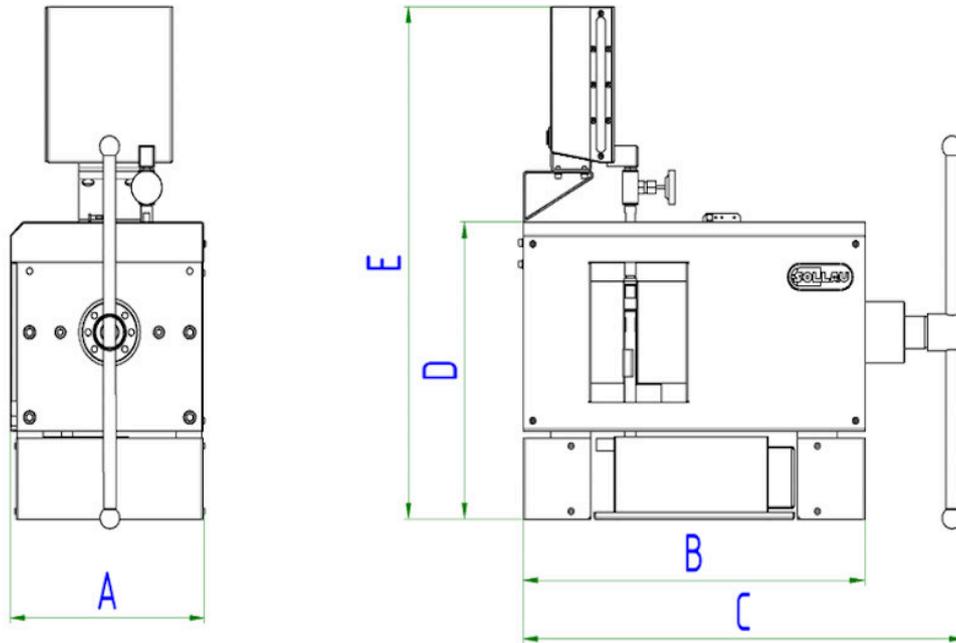


# Datasheet MX-L 05



		Dimensions (mm)				
Flow capacity (m <sup>3</sup> /h)	Weight (kg)	A	B	C	D	E
>0,5	315	555	715 +135	437	755	282

Parameter name	Value
Description:	Laboratory matrix separator
Separator placement:	inside of a pipeline
Application (= the material that the application of this separator is suitable for):	liquid material
Material flow direction):	horizontal, vertical
Built-in standard magnet type:	neodymium magnet
Max. magnetic induction (G) on the surface of tube (+/- 10 %):	7800
Maximum capacity. The mentioned capacities are informative and non binding (m3/h):	
Weight of the separator (kg):	315
Standard connection of the separator:	standard flange
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):	0.5
Max. operating temperature (°C):	80
Min. surrounding ambient temperature (°C):	-25
Max. surrounding ambient temperature (°C):	45
Material of the sealing:	silicone
Separator is suitable for vacuum or pressure conveying lines:	up to 1 bar
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):	1
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
Material of the separator body (that is in contact with the material):	11523
ATEX (on request):	zone 21, 22
Outer surface treatment of the separator:	sandblasted, partially painted (RAL colour tone)
Inner surface treatment of the separator:	sandblasted
Magnetic system:	magnetic plate
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, maritime packing according to clients needs
Warranty (months):	12

The mentioned flow capacity depends on the type of the cleaned material and is only approximative. MX-L05 is just an example of the matrix separators we can supply.