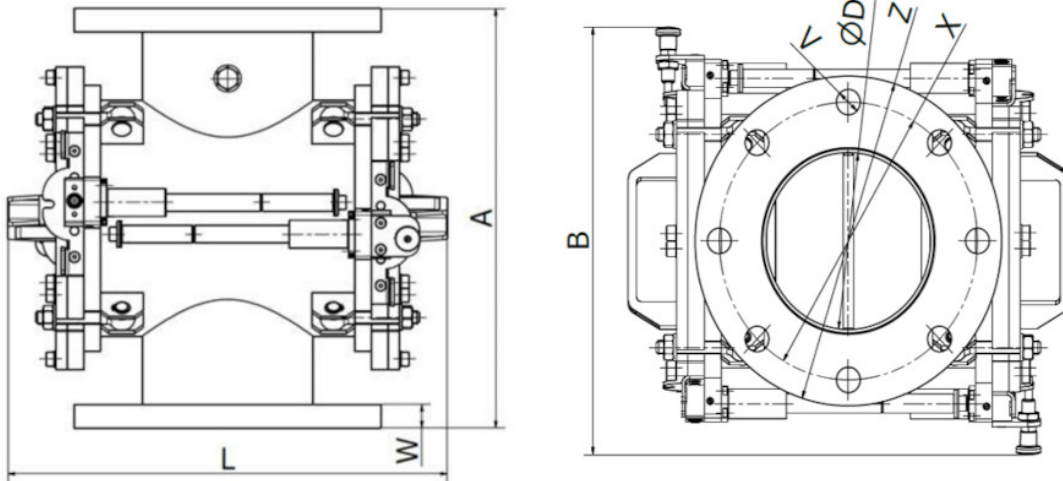


# Datasheet ML-P 250 N



			Dimensions (mm)			
Model	Max. flow capacity (m <sup>3</sup> /h)	Weight (kg)	A	L	B	ØD
ML-P 100 N	10	51	310	360	326	100
ML-P 150 N	30	76	390	410	375	150
ML-P 200 N	75	107	454	460	435	200
ML-P 250 N	100	141	510	510	485	250
ML-P 300 N	120	206	560	610	520	300
ML-P 350 N	150	240	600	660	550	350

## Dimensions of standard flanges

		Dimensions (mm)				
Flange type	Number of holes	V	W	X	ØD	Z
DN 100	8	18	20	180	100	220
DN 150	8	22	22	240	150	285
DN 200	8	22	24	295	200	340
DN 250	12	22	26	350	250	395
DN 300	12	22	26	400	300	445
DN 350	16	22	30	460	350	505

<b>Parameter name</b>	<b>Value</b>
Description:	Pressure chute magnet for vacuum and pressure pipelines
Separator placement:	inside of a pipeline
Material flow direction (beginning with the most common one):	vertical, horizontal
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 %):	7500
Weight of the separator (kg):	141
Connecting dimension, inlet and outlet diameter of the separator (mm):	250
Application (= the material that the application of this separator is suitable for):	liquid material, semi-fluid material, bulk material
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):	0.5
Maximum size of the particles that can be captured by the separator (mm):	30
Separator is suitable for vacuum or pressure conveying lines:	up to 10 bars
Separator is suitable for materials transported by:	pipeline
Max. speed at which that the separator can capture ferrous particles (m/s):	25
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
Cleaning of the separator:	manual cleaning (without easy cleaning system), a need of interrupting the material flow
Max. operating temperature/ max. temperature of the material (°C):	80
Min. surrounding ambient temperature (°C):	-25
Max. surrounding ambient temperature (°C):	45

Built-in standard magnet type	neodymium magnet N35
Material of the sealing (it regards only some separators):	silicone
Maximum capacity. The mentioned capacities are informative and non binding (m3/h):	100
Options of the extended anti-abrasion protection:	chemical nickel coating, plastic coating, rubberizing, ceramic lining, chromium plating
Material of the separator body (that is in contact with the treated material):	DIN 1.4301
ATEX specification (number):	20, 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
Connection possibilities of the separator (the variant mentioned as the first is the standard one):	standard flange
Other additionally paid options (beside the already mentioned options referring to the anti-abrasion protection, motor and connection types):	inner polishing
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. This product can be delivered also in other dimensions, in versions with a higher temperature resistance and other kind of magnets etc. upon a special request.