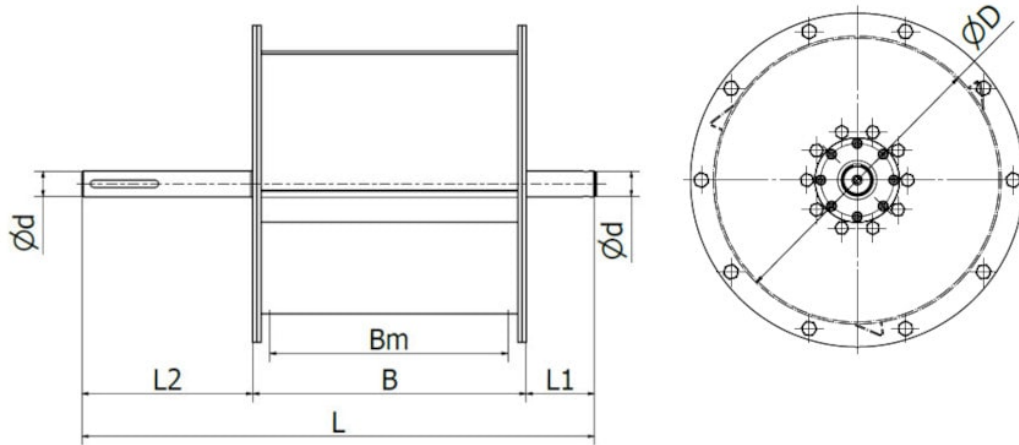


Datasheet MB



Model	Flow capacity (m ³ /h)	Weight (kg)	Dimensions (mm)						
			B	Bm	L	L1	L2	d	D
MB 304 N 200	15	61	200	150	410	120	90	30	304
MB 304 N 300	25	74	300	250	620	170	150	30	304
MB 304 N 400	35	82	400	350	720	170	150	30	304
MB 304 N 500	45	95	500	450	820	170	150	30	304
MB 304 N 600	55	116	600	550	920	170	150	30	304
MB 304 N 700	65	134	700	650	1020	170	150	30	304
MB 304 N 800	75	158	800	750	1120	170	150	30	304
MB 304 N 900	85	177	900	850	1220	170	150	30	304
MB 304 N 1000	95	193	1000	950	1320	170	150	30	304

Parameter name	Value
Description:	Magnetic drum
Separator placement:	under the conveyor belt, under the feeding hopper
Material flow direction (beginning with the most common one):	vertical, horizontal
Recommended for the belt of max. width (across the conveyor belt) (mm):	200
Maximum effective reach of the magnetic field (mm):	30

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 %:	3300
Magnetic flux on the magnetic core (G) Tolerance +/- 10 %:	6000
Weight of the separator (kg):	61
Connecting dimension, inlet and outlet diameter of the separator (mm):	200
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:	yes
Minimum size of the particles that can be captured by the separator (mm):	0.1
Maximum size of the particles that can be captured by the separator (mm):	100
Separator is suitable for vacuum or pressure conveying lines:	no
Separator is suitable for materials transported by:	conveyor belt, 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):	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:	fully automatic cleaning, it is not necessary to interrupt the material flow during the cleaning
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:	NBR
Maximum capacity. The mentioned capacities are informative and non binding (m ³ /h):	15
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:	zone 21, 22
Outer surface treatment of the separator:	clean steel (no surface treatment)
Magnetic system:	magnetic drum
Connection possibilities of the separator (the variant mentioned as the first is the standard one):	shaft
Other standard parameters:	no motor, replaceable shaft for the motor
Other additionally paid options (beside the already mentioned options referring to the anti-abrasion protection, motor and connection types):	motor, device for manual setting of the position of the magnetic core, 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:	pallet + stretch wrap
Other packing modes (surcharged options):	wooden box, maritime packing according to clients needs
Warranty (months):	12

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 mentioned capacity is only approximative and depends on the type of the cleaned material. The maximum effective reach of the magnetic field is measured from the surface of the magnetic drum.