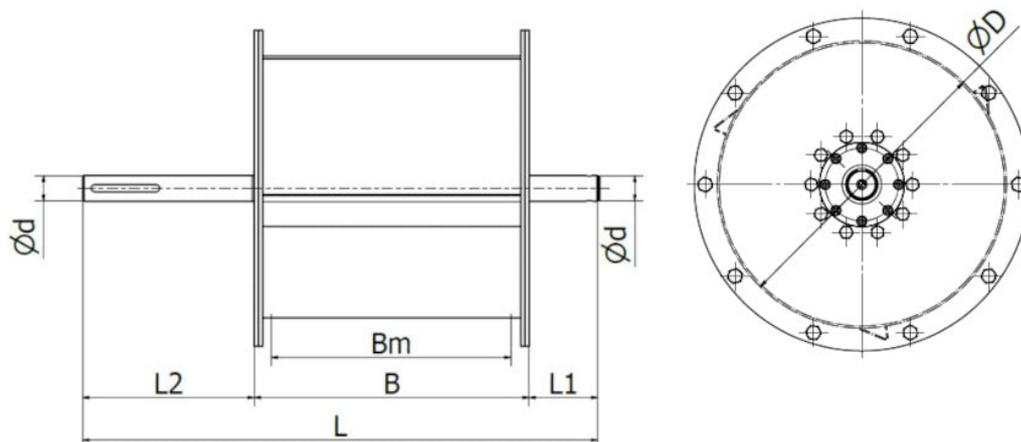


## Datasheet MB 154 F 200



Model	Flow capacity (m <sup>3</sup> /h)	Weight (kg)	Dimensions (mm)						
			B	Bm	L	L1	L2	d	D
MB 154 F 200	15	21	200	150	350	90	60	25	154
MB 154 F 300	20	30	300	250	490	120	70	25	154
MB 154 F 400	25	39	400	350	590	120	70	25	154
MB 154 F 500	30	53	500	450	690	120	70	25	154
MB 154 F 600	35	66	600	550	790	120	70	25	154
MB 154 F 700	40	75	700	650	890	120	70	25	154
MB 154 F 800	45	88	800	750	990	120	70	25	154
MB 154 F 900	50	96	900	850	1090	120	70	25	154
MB 154 F 1000	60	108	1000	950	1190	120	70	25	154

Parameter name	Value
Description:	Magnetic drum
Separator placement:	under the conveyor belt, under the feeding hopper
Application (= the material that the application of this separator is suitable for):	bulk material
Material flow direction):	vertical, horizontal
Recommended for the belt of max. width (across the conveyor belt) (mm):	200

Maximum effective reach of the magnetic field (mm):	30
Built-in standard magnet type:	ferrite magnet
Max. magnetic induction (G) on the surface of tube (+/- 10 %):	1200
Magnetic flux (G) on the magnetic core (+/- 10 %):	1600
Maximum capacity. The mentioned capacities are informative and non binding (m <sup>3</sup> /h):	15
Weight of the separator (kg):	21
Connecting dimension, inlet and outlet diameter of the separator (mm):	200
Standard connection of the separator:	shaft
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):	1.5
Maximum size of the particles that can be captured by the separator (mm):	100
Max. operating temperature (°C):	100
Min. surrounding ambient temperature (°C):	-25
Max. surrounding ambient temperature (°C):	45
Material of the sealing:	NBR
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:	no
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
Material of the separator body (that is in contact with the material):	DIN 1.4301
ATEX (paid option):	zone 21, 22
Outer surface treatment of the separator:	clean steel (no surface treatment)

Magnetic system:	magnetic drum
Options of the extended anti-abrasion protection:	chemical nickel coating, plastic coating, rubberizing, ceramic lining
Other standard parameters:	no motor, replaceable shaft for the motor
Other additionally paid options:	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.