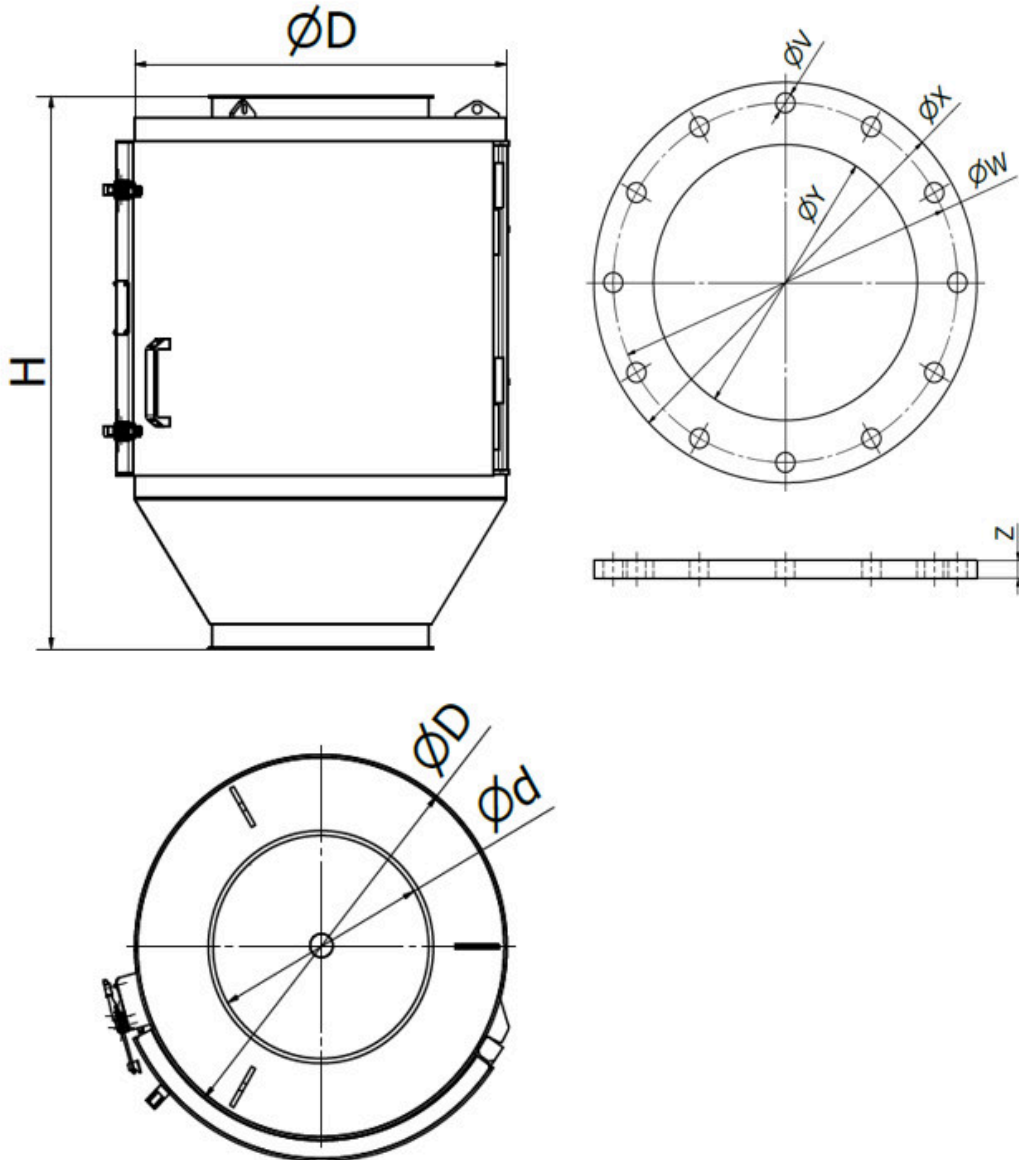


Datasheet MT 200 F



| Model | Max. flow capacity (m ³ /h) | Weight (kg) | Dimensions (mm) | | |
|----------|--|-------------|-----------------|-----------------|------|
| | | | $\varnothing d$ | $\varnothing D$ | H |
| MT 100 F | 10 | 158 | 99 | 460 | 850 |
| MT 150 F | 25 | 204 | 149 | 510 | 900 |
| MT 200 F | 60 | 259 | 199 | 560 | 950 |
| MT 250 F | 90 | 302 | 249 | 610 | 1000 |
| MT 300 F | 130 | 355 | 299 | 660 | 1050 |
| MT 350 F | 165 | 408 | 349 | 710 | 1100 |

| | | | | | |
|----------|-----|-----|-----|-----|------|
| MT 400 F | 230 | 456 | 398 | 760 | 1150 |
| MT 500 F | 360 | 550 | 498 | 860 | 1250 |

Dimensions of standard flanges

| Flange type | Number of holes | Dimensions (mm) | | | | |
|-------------|-----------------|-----------------|-----|-----|-----|----|
| | | øV | øW | øX | øY | Z |
| DN 100 | 8 | 18 | 180 | 220 | 100 | 5 |
| DN 150 | 8 | 22 | 240 | 285 | 150 | 5 |
| DN 200 | 8 | 22 | 295 | 340 | 200 | 8 |
| DN 250 | 12 | 22 | 350 | 395 | 250 | 8 |
| DN 300 | 12 | 22 | 400 | 445 | 300 | 10 |
| DN 350 | 16 | 22 | 460 | 505 | 350 | 12 |
| DN 400 | 16 | 26 | 515 | 565 | 400 | 15 |
| DN 500 | 20 | 26 | 620 | 670 | 500 | 15 |

| Parameter name | Value |
|---|-------------------------------|
| Description: | In-line magnetic separator |
| Separator placement: | inside of a pipeline |
| Application (= the material that the application of this separator is suitable for): | bulk material |
| Material flow direction): | vertical |
| Built-in standard magnet type: | ferrite magnet |
| Max. magnetic induction (G) on the surface of tube (+/- 10 %): | 1300 |
| Maximum capacity. The mentioned capacities are informative and non binding (m ³ /h): | 60 |
| Weight of the separator (kg): | 259 |
| Connecting dimension, inlet and outlet diameter of the separator (mm): | 199 |
| Standard connection of the separator: | standard flange, JACOB flange |
| 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): | 30 |
| Max. operating temperature (°C): | 100 |
| Min. surrounding ambient temperature (°C): | -25 |

| | |
|--|--|
| Max. surrounding ambient temperature (°C): | 45 |
| Material of the sealing: | microporous rubber |
| 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: | 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: | 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): | DIN 1.4301 |
| ATEX (on request): | zone 21, 22 |
| Outer surface treatment of the separator: | sandblasted |
| Inner surface treatment of the separator: | sandblasted |
| Magnetic system: | magnetic tube |
| Options of the extended anti-abrasion protection: | chemical nickel coating, plastic coating, rubberizing, ceramic lining |
| Other additionally paid options: | 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, pallet, 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 other dimensions, in versions with a higher temperature resistance and other kind of magnets etc. upon a special request.