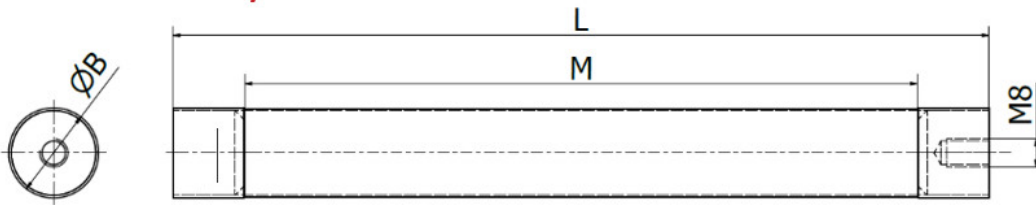


# Datasheet MTN 32/150 N



| Model        | M (mm) | Weight (kg) | Standard surface flux density | Standard surface treatment | Standard temperature limit |
|--------------|--------|-------------|-------------------------------|----------------------------|----------------------------|
| MTN 32/100 N | 50     | 0,5         | 10 700 G (1,7 T)              | Polishing                  | Approx. 80 °C              |
| MTN 32/150 N | 100    | 0,8         |                               |                            |                            |
| MTN 32/200 N | 150    | 1,1         |                               |                            |                            |
| MTN 32/250 N | 200    | 1,4         |                               |                            |                            |
| MTN 32/300 N | 250    | 1,7         |                               |                            |                            |
| MTN 32/350 N | 300    | 2           |                               |                            |                            |
| MTN 32/400 N | 350    | 2,3         |                               |                            |                            |
| MTN 32/450 N | 400    | 2,6         |                               |                            |                            |
| MTN 32/500 N | 450    | 2,9         |                               |                            |                            |

| Parameter name                                                                                                                                                                                                              | Value                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Description:                                                                                                                                                                                                                | Magnetic rod                                                   |
| Separator placement:                                                                                                                                                                                                        | feeding hopper, inside of a pipeline, across the conveyor belt |
| 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 %): | 10700                                                          |
| Weight of the separator (kg):                                                                                                                                                                                               | 0.8                                                            |
| 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:                                                                                                                                                  | no                                                             |

|                                                                                                                |                                                                                          |
|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| Minimum size of the particles that can be captured by the separator (mm):                                      | 0.03                                                                                     |
| Separator is able to capture paramagnetic particles:                                                           | yes                                                                                      |
| Separator is suitable for abrasive materials (1 = strongly abrasive, 2 = slightly abrasive, 3 = non-abrasive): | 3                                                                                        |
| 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                                                                     |
| Diameter of the outer (protective) tube of the magnetic rod (mm):                                              | 32                                                                                       |
| System tube in tube (it concerns grate type separators only):                                                  | ne                                                                                       |
| 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:                                                                      | polished                                                                                 |
| Magnetic system:                                                                                               | magnetic tube                                                                            |
| Connection possibilities of the separator (the variant mentioned as the first is the standard one):            | M8 tapped hole                                                                           |
| 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                                                                                       |