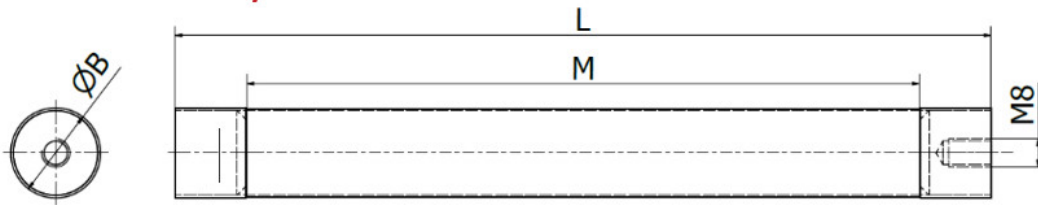


# Datasheet MTN 32/300 N



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):	1.7
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