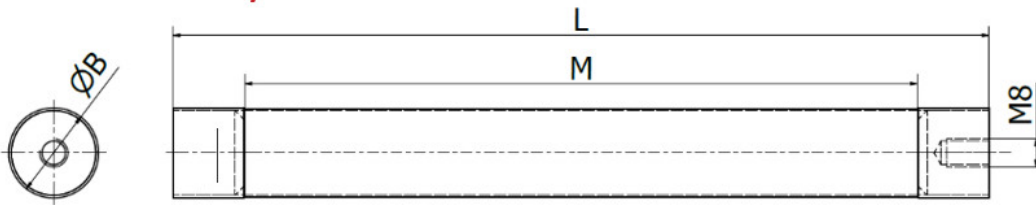


Datasheet MTN 32/450 N



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
Application (= the material that the application of this separator is suitable for):	bulk material
Material flow direction):	vertical, horizontal
Built-in standard magnet type:	neodymium magnet N35
Max. magnetic induction (G) on the surface of tube (+/- 10 %):	10700
Weight of the separator (kg):	2.6
Standard connection of the separator:	M8 tapped hole
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
Max. operating temperature (°C):	80
Min. surrounding ambient temperature (°C):	-25
Max. surrounding ambient temperature (°C):	45
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
Diameter of the outer (protective) tube of the magnetic rod (mm):	32
System tube in tube:	no
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:	polished
Magnetic system:	magnetic tube
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