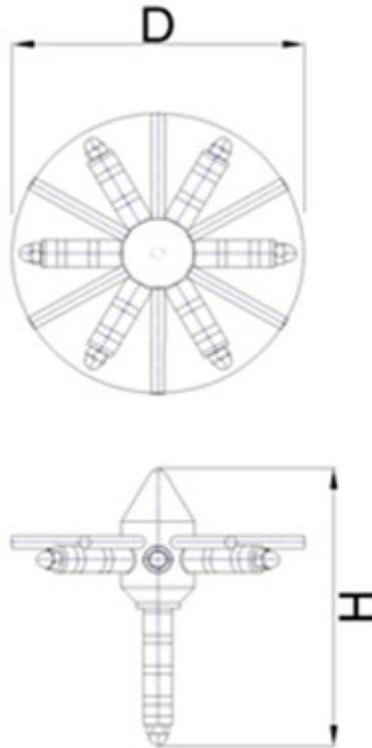


# Datasheet SM 300 N



Model	H (mm)	Weight (kg)	Number of tubes
SM 150 N	130	0,7	5
SM 200 N	200	1,4	7
SM 250 N	200	2	7
SM 300 N	200	2,7	7
SM 350 N	200	3,5	7

Parameter name	Value
Description:	Star-shaped hopper magnet
Separator placement:	feeding hopper, inside of a pipeline,
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
Magnetic flux (G) on the magnetic core (+/- 10 %):	9000

Weight of the separator (kg):	2.7
Connecting dimension, inlet and outlet diameter of the separator (mm):	DN300
Minimum size of the particles that can be captured by the separator (mm):	0,03 mm
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
Cleaning of the separator:	manual cleaning (a need of interrupting the material flow)
Diameter of magnetic rod (mm):	19.4
Number of magnetic tubes:	7
Material of the separator body (that is in contact with the material):	Al (AW6082) + DIN 1.4301 + unveiled magnetic cores
ATEX (on request):	zone 20, 21, 22
Other additionally paid options:	magnets with higher temperature resistance
Max. operation time (hours/day):	24
Max. production time for a standard version (if not available in stock) (weeks):	2-4
Standard packing:	cardboard box
Other packing modes (surcharged options):	wooden box, pallet, maritime packing according to clients needs
Warranty (months):	12