Iron powder remover for valveless hopper

MAGNETIC SEPARATOR

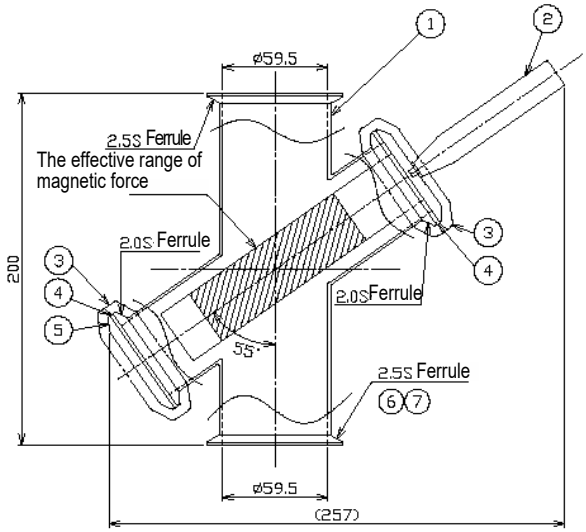
Metal guard

◆ This machine is a device that collects, separates, and removes abrasion powder of metal (iron, micromagnetic material) mixed in crushed resin and resin pellets with a magnet.

◆ Specification

Model			MG0207	MG420
Adaptive hopper			For VL-02, 07	For VLA-420
Main Material			SUS304 or SUS316L	
Packing Material			Silicone rubber	
Body case outer diameter			2.5S/2.0S	1.5S/2.0S
Specification			#320 Buffing	
Magnetic Rods	Exterior pipe : Size		φ32×160L	φ20×160L
	: Materials		SUS304 or SUS316L	
	: Finish		#320 Buffing	
	Interior permanent magnet	Materials	Neodymium (rare earth)	
		Residual magnetic flux density	13,000G	13,000G
		Surface maximum magnetic flux density	10,000G	10,000G
		UPPER LIMIT TEMPERATURE	MAX 150℃	
		The recommended temperature	UNDER 130℃	
Product Weight			3250 g	2300 g
Price			Please contact us	
Delivery term			2 Weeks	

An outline dimensional drawing TYPE:**MG0207**



Nos.	NAMES	Materials	Quantities	REMARKS
7	2.5S Ferrule Packing	Silicone rubber	1	Commercial product
6	2.5S Ferrule Cramp	SUS304	1	Commercial product
5	2.0S Ferrule Cap	SUS304	1	Commercial product
4	2.0S Ferrule Packing	Silicone rubber	2	Commercial product
3	2.0S Ferrule Cramp	SUS304	2	Commercial product
2	A magnet for metal guard	SUS304	1	#320 Buffing
1	Casing	SUS304	1	

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Risk for pinching fingers in the magnet and getting injured

- Keep the magnet at least 30 cm away from magnetic materials (objects to which the magnet attaches: iron pieces, steel materials, metal tools, metal fittings, nickel products, cobalt products). If you get too close, it will be gravitate toward you very strongly, and it is dangerous.

The danger of destroying magnetism

Data on magnetic medium (credit cards and floppy disks) will be destroyed.
Magnetism is affected by precision equipment (clocks) and electrical products (telephones, televisions, computers).
Would you please not bring the magnet close to such items as they become inoperable due to a strong magnetic field?

Risk of erroneous operation of the pacemaker

People with pacemakers, electronic medical devices, etc., and people with metal allergies should keep away from magnets.

The danger of magnets popping out

Do not weld, cut or disassemble the magnet (magnet bar). Also, it does not have a substantial impact on the magnet. There is a danger that the magnetic force will decrease, and the magnet will pop out.

☆INSTRUCTION MANUAL

◆ About inspection and cleaning of magnet rod

- (1) Remove the clamp of the lower blank ferrule and receive it with a bag etc., need to empty the raw material in the hopper.
- Open the top lid of the hopper or remove the upper clamp, and check that there is no large magnetic material (bolts, nuts, cutter blades, etc.) attached to the magnet bar. If it is attached, remove the upper and lower clamps, separate it from the hopper, and remove the magnet bar.
  - The inner diameter of the casing of the magnet bar is 47.8, the outer diameter of the magnet bar is 32.0, and the clearance is 7.9 mm. If the magnet bar is removed with a large magnetic material attached, the attached magnetic material may fall. (For model MG0207)
- If minute magnetic material such as iron powder is attached, it is possible to remove the magnet rod while it is still attached to the hopper.
- Clean the outside of the separated protective rod with running water or air.

◆Do not use the magnet above the specified temperature.

◆If the temperature is higher than the specified temperature, the magnetic force may decrease, or the magnetic force may be lost.

◆When moving or storing the magnet, should cover the case or box. Depending on the product passing through the instrument, its temperature, and the solvent used for cleaning. There is a risk of burns.
Be careful when removing, disassembling, and cleaning. Also, when restarting, make sure that the packing, clamps, etc., are securely attached.

◆When a fluid (liquid, paste, pellet, powder) spills or scatters on the floor.
There is a risk of lips and falls.
When removing and disassembling, prepare a container in advance or lay a sheet on it.
Take measures to prevent the fluid from spilling on the floor.

◆Accumulation of the mixture may cause clogging, decrease in flow rate, and decrease in collection capacity.

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