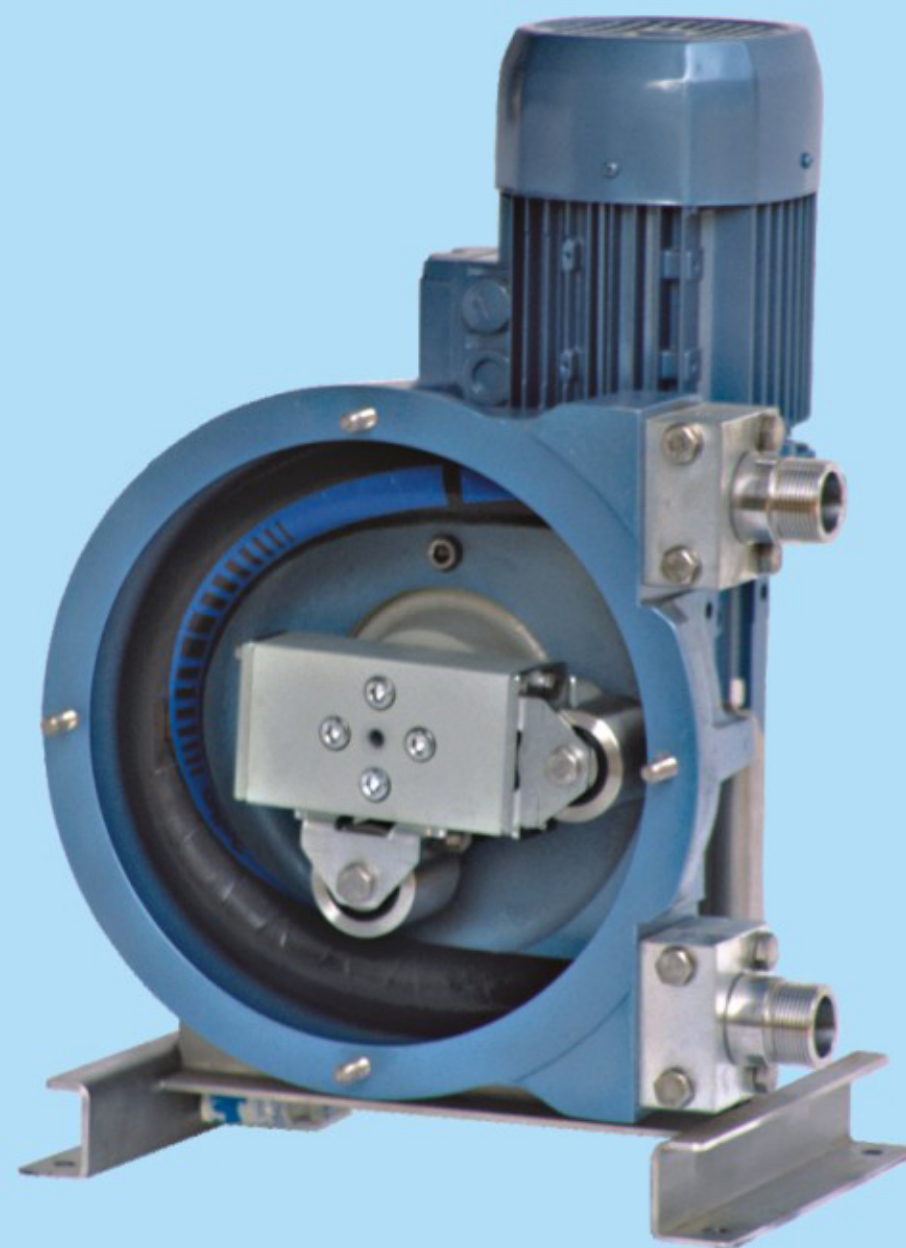


Solution to transfer of all liquid

Peristaltic Transfer Systems



MONIBA®
Made in India in technical collaboration with
ragazzini
Italy



PSF



MS



SDF

MONIBA-Ragazzini s.r.l. specializes in the manufacture of pumps and has been involved for over 40 years in ongoing research, solving problems in pump design and manufacturing innovation. This allows the company to maintain a leading position in product reliability and safety.

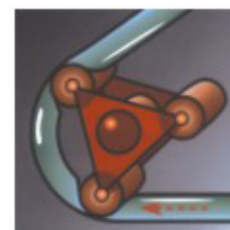
This tradition continues in the MONIBA-Ragazzini peristaltic pumps, ensuring a proper fit applications pumping highly viscous liquids or products containing fragile or abrasive suspended solids.

PSF Series

- The PSF series is designed for pumping small volumes and for accurate metering
- Flow rate : 28 L/H - 6,400 L/H
- Pressure : 8 - 15 bar
- Tube Diameter : 10 - 16 - 26 mm.
- One or two heads
- Pulse dampener (s) designed on all models.

MS series

- The MS series is suitable for pumping medium volumes
- Flow rate : 3,000 L/H - 18,000 L/H
- Pressure : 8 - 15 bar
- Tube diameter : 40 - 55 - 68 mm
- One or two heads
- Pulse dampener (s) available on all models
- Inlet hopper available.



SDF series

- The SDF series is designed for high flow
- Flow rate : 10,000 L/H - 60,000 L/H
- Pressure : 8 - 15 bar
- Tube diameter : 76 mm
- One or two heads
- Pulse dampener (s) available on all models
- Inlet hopper available.



A safety device to detect a worn out tube, is available for all models. The pump is lubricated with silicone grease, not immersed in oil.

Operating Principles :

Two or three rotating rollers gradually compress a tube forcing liquid through the tube just ahead of each roller. The tube snaps back to its original shape after rollers pass so it can fill with more liquid again. The liquid is transferred intact without damaging fragile components in the liquid stream.

Advantages

- No seals
- No valves
- Self priming
- Can run dry without damage
- Pumped fluid always remains inside the tube
- Time saving in C. I. P. applications
- Reverse flow by reversing motor
- Pump mixed phases
- Minimum shear

Uses

Transfer, feed, meter, filter.

Fragile or sensitive fluids :

Emulsions, fruit salads, sparkling wines, tomatoes, purees, dairy products, antifoaming agents, whole grapes, fruit juices.

Compound fluids :

Butchery waste, additive metering, paper pulp, grape marc, animal feeds, minced fruit, polymers, sugar beet and potato processing waste.

Abrasive and corrosive fluids :

Bentonite, mud and sediment, enamels-pigments, lime-wash, casting slip, plaster-mortar, concrete, fertilizers, manure slurry.

Non-pollutable or pollutant Fluids :

Rubber latex, food products.

For more details contact :

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