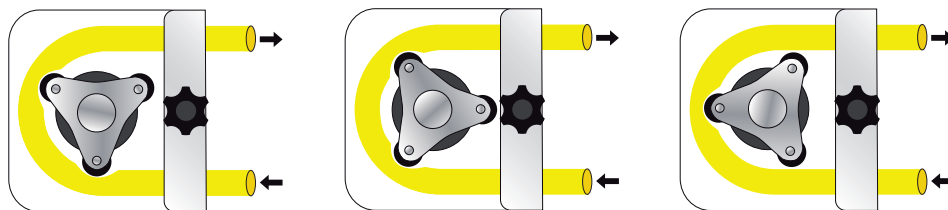


realAx

Hose pumps APY series



Operating principle



Effectively a peristaltic pump is a positive displacement pump with several specific features.

The simplicity of the operating principle of the peristaltic pump brings some distinct advantages. A tube made from any of a variety of materials depending on the medium being pumped is

housed in the pump body. The action of the pump rotor and its rollers compresses the hose as it moves round. The vacuum caused behind the roller sucks the fluid into the tube. Then the following roller gently pushes the fluid towards the outlet.

Main characteristics

- Suction lift to 6 metres
- Easy and economical to maintain
- Can run dry without damage
- Seal-less
- Reversible rotation
- High dosing accuracy
- Corrosion resistant
- Sanitary design
- Different tube diameters available

Typical applications

Peristaltic dosing pumps are ideal in applications such as:

- **Water and sewage treatment:** Sampling, chemical dosing: Phenyl Chloride, Sodium Hypochlorite, Sodium Bisulphite, etc. Dosing of abrasive products: Lime slurry, Carbon slurry, Potassium Permanganate, etc. Polymers, Aqueous Ammonia, etc.
- **Food and beverages:** Dosing of additives, dairy products, bakery products, beverages, juices, enzymes, syrup, etc.
- **Chemical industry:** Metering, coatings, pigments, latex, glue, acids, ink, oils, resins, antifoam applications.
- **Other:** Laboratory, pulp and paper, ceramics, agriculture, mining, pharmaceuticals, print and packaging, engineering, etc.

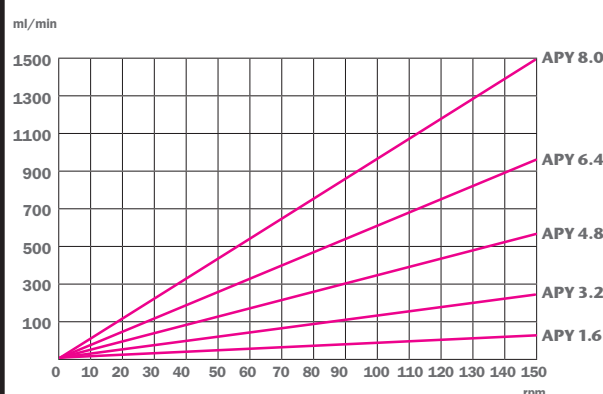
Drivers

- Gear-motor
- Motor variator with gear reducer
- Pneumatic gear motor
- Gear motor with integrated inverter

Accessories

- Barb connections
- Electronic equipment for batch applications
- Plastic baseplate with leakage container

Performance Peristaltic dosing pump APY series



Models

Model	APY 0.8	APY 1.6	APY 3.2	APY 4.8	APY 6.4	APY 8.0
Tube size (mm)	0.8	1.6	3.2	4.8	6.4	8.0
Capacity ml/rev	0.16	0.4	1.66	3.8	6.26	10.0
Max Pressure (bar)	2	2	2	2	2	2
Compression type	Rollers	Rollers	Rollers	Rollers	Rollers	Rollers
Weight w/o drive (kg)	2.2	2.2	2.2	2.2	2.2	2.2
Tube material	SILICONE SANTOPRENE®	SILICONE NOR-PRENE® A-60-F TYGON® LFL	SILICONE NOR-PRENE® A-60-F TYGON® LFL NOR-PRENE® A-60-G SOLVA® STA-PURE® CHEM-SHURE®	SILICONE NOR-PRENE® A-60-F TYGON® LFL NOR-PRENE® A-60-G SOLVA® STA-PURE® CHEM-SHURE®	SILICONE NOR-PRENE® A-60-F TYGON® LFL NOR-PRENE® A-60-G SOLVA® STA-PURE® CHEM-SHURE®	SILICONE NOR-PRENE® A-60-F TYGON® LFL NOR-PRENE® A-60-G SOLVA® STA-PURE® CHEM-SHURE®

realAx

ALL THE HOSE PUMP YOU'LL EVER NEED

www.realaxpumps.com

For more information about relax hose pumps please contact
 AxFlow Plaisir tel 0033 (0) 1 30 68 41 41 / AxFlow Notre Dame d'Oè tel 0033 (0) 2 47 45 84 58
 or mail to info@axflow.fr