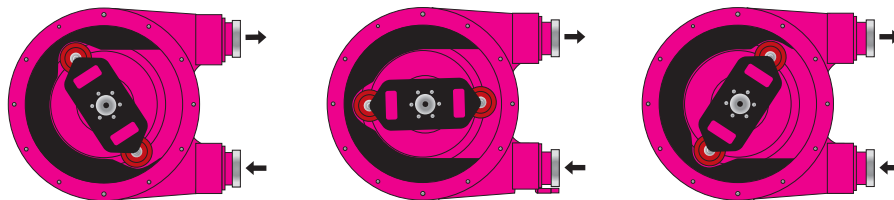


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Hose pumps IP series



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 hose 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 hose. Then the following roller gently pushes the fluid towards the outlet.

Main characteristics

- Suction lift to 9 metres
- Can run dry without damage
- Seal-less
- Reversible rotation
- Resistant to abrasion
- High dosing accuracy
- Easy and economical to maintain
- Corrosion resistant
- Silent
- Easy to clean

Typical applications

Peristaltic pumps are ideal when pumping any of the following media:

- Sludge, lime slurry, mortar, filter press feed, clay slurry, carbonates, other types of slurry, kaolin, etc.
- Paints, glues, inks, latex, pigments, oils, detergents, acids, peroxides, etc.
- Dairy products, wines, sauces, jams, liquid egg, mayonnaise, meat products, fruit juices, etc.

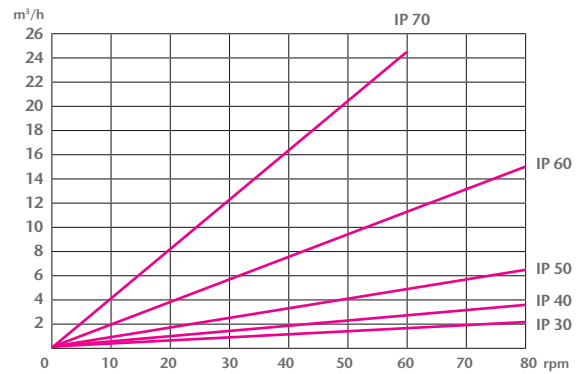
Drivers

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

Accessories

- Hose leakage detector
- Pulsation dampener
- TRICLAMP, DIN 11851, SMS, NPT, PP, PVDF connections
- Electronic equipment for batch applications (IP 30, IP 40)
- Vacuum equipment
- Feed screw (IP 60, IP 70)

Performance Industrial hose pump IP series



Models

Model	IP 30	IP 40	IP 50	IP 60	IP 70	IP 70D
Capacity l/rev	0.43	0.75	1.34	3.16	6.72	13.4
Connection	1 1/4"	1 1/2"	1 1/2"	2"	2 1/2"	2 1/2"
Max Pressure (bar)	8	8	8	8	8	8
Compression type	Rollers	Rollers	Rollers	Rollers	Rollers	Rollers
Weight w/o drive (kg)	62	89	140	235	440	850
Hose material	NR NBR EPDM HYPALON NR-A* NBR-A*	NR NBR EPDM HYPALON NR-A* NBR-A*	NR NBR EPDM HYPALON NR-A* NBR-A*	NR NBR EPDM HYPALON NR-A* NBR-A*	NR NBR EPDM HYPALON NR-A* NBR-A*	NR NBR EPDM HYPALON NR-A* NBR-A*

* FDA approved

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