

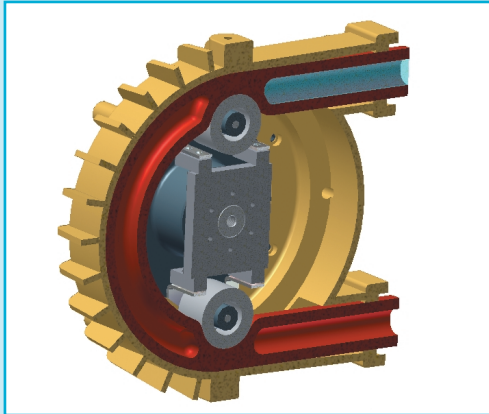


Series HP
Industrial Peristaltic Pumps



HP Series - Peristaltic Pumps

OPERATING PRINCIPLE



The advantages of the operating principle of peristaltic pumps lie in their simplicity.

A tubular element of precise dimensions, made of various types of elastomer or thermoplastic is housed in the pump body.

When this tubular element is compressed by the rotary action of the rotor and its corresponding rollers or shoes, it recovers its initial shape creating a vacuum which draws the fluid.

The fluid flows into the cavity formed by the rollers that press the tube and is gently pushed to the outlet by the following roller.

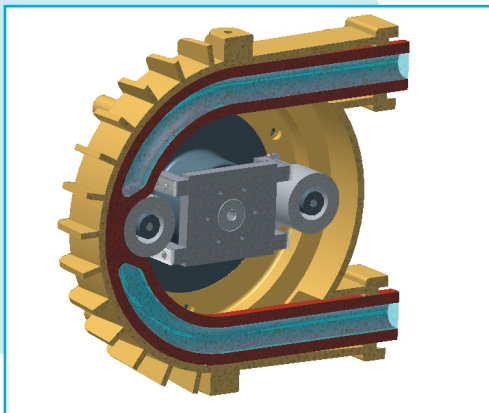
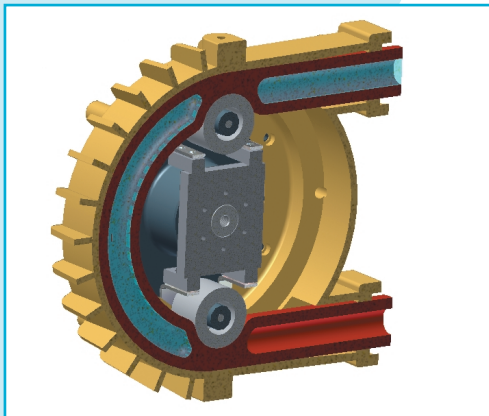
The pump is a positive displacement volumetric pump with exceptional features.

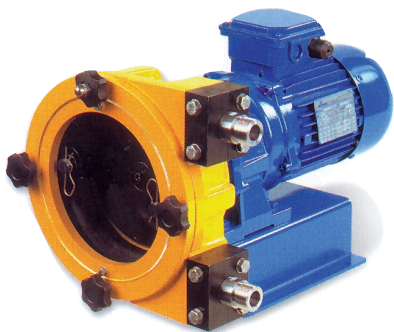
MAIN CHARACTERISTICS

- suction lift to 9 metres
- can run dry without damage
- seal-less
- reversible rotation
- resistant to abrasion
- dosing application $\pm 1\%$
- easy and economical maintenance
- resistant to corrosion
- silent
- easy to clean

EXAMPLES OF APPLICATIONS

- sludge, lime slurry, mortar, filter press feed, clay slurry, carbonates, slurries, kaolin.
- paints, glues, inks, latex, pigments, oils, detergents, acids, peroxides.
- milk products, wines, sauces, jams, liquid eggs, mayonnaise, meat products, fruit juices.





FMP Series

DRIVERS

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

ACCESSORIES

- Tube leakage detector
- Pulsation dampener
- TRI-CLAMP, DIN 11851, SMS, NPT, PP, HALAR connections
- Vacuum equipment in pump casing
- Feed screw for heterogeneous products

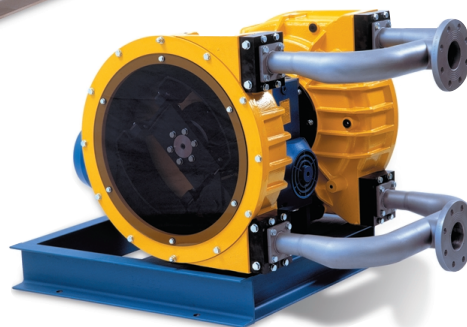
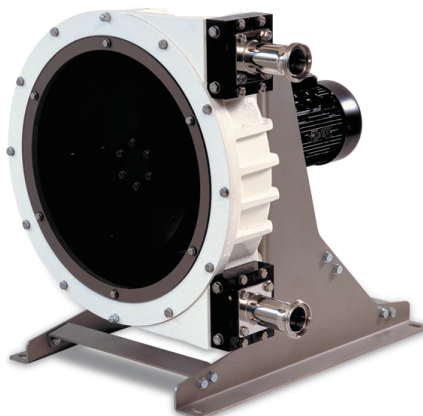
AMP Series

DRIVERS

- Gear motor
- Variable motor with gear reducer
- Gear motor with integrated inverter
- Pneumatic gear motor

ACCESSORIES

- Tube leakage detector
- Pulsation dampener
- TRI-CLAMP, DIN 11851, SMS, NPT, PP, PVDF
- Electronic equipment for batch applications



RBT Series

DRIVERS

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

ACCESSORIES

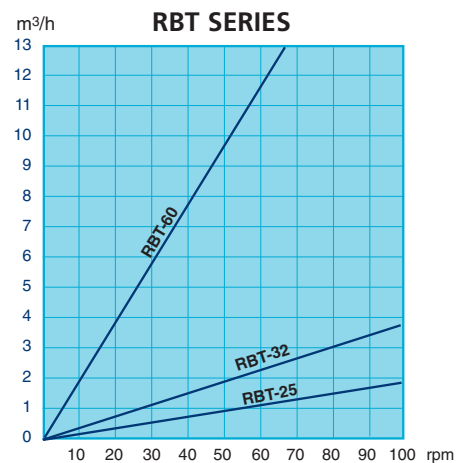
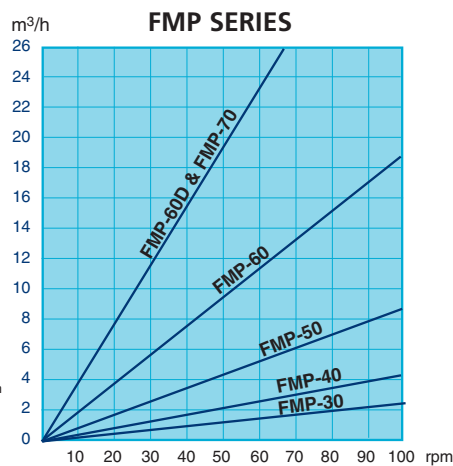
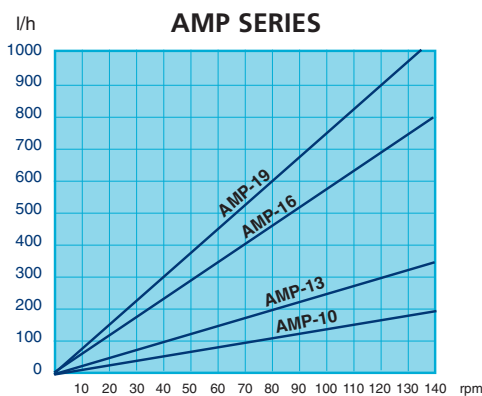
- Tube leakage detector
- Pulsation dampener
- PP, PVDF or HALAR connections
- Vacuum equipment in pump casing
- Feed screw for heterogeneous products

Industrial Peristaltic Pumps Technical Data

MODEL	Capacity	Connections	Maximum pressure	Pressing tube system	Available tubes in rubber	Available tubes in thermoplastic
AMP-10	0,023 l/rev	3/8"	8 bar	Rollers	NR, NBR, EPDM, NR-A, NBR-A	NEOPRENE PHARMED
AMP-13	0,038 l/rev	3/8"	8 bar	Rollers	NR, NBR, EPDM, NR-A, NBR-A	NEOPRENE PHARMED, TYGON
AMP-16	0,095 l/rev	3/4"	8 bar	Rollers	NR, NBR, EPDM, NR-A, NBR-A	NEOPRENE TYGON
AMP-19	0,123 l/rev	1"	2 bar	Rollers		NEOPRENE TYGON
FMP-30	0,431 l/rev	1 1/4"	8 bar	Rollers	NR, NBR, EPDM, NR-A, NBR-A	
FMP-40	0,75 l/rev	1 1/2"	8 bar	Rollers	NR, NBR, EPDM, NR-A, NBR-A	
FMP-50	1,46 l/rev	DN-40	8 bar	Rollers	NR, NBR, EPDM, NR-A, NBR-A	
FMP-60	3,16 l/rev	DN-50	8 bar	Rollers	NR, NBR, EPDM, NR-A, NBR-A	
FMP-60D	6,33 l/rev	DN-65	8 bar	Rollers	NR, NBR, EPDM, NR-A, NBR-A	
FMP-70	6,67 l/rev	DN-65	8 bar	Rollers	NR, NBR, EPDM, NR-A, NBR-A	
RBT-25	0,31 l/rev	DN-25	15 bar	Shoes	NR, NBR, EPDM, NR-A, NBR-A	
RBT-32	0,625 l/rev	DN-32	15 bar	Shoes	NR, NBR, EPDM, NR-A, NBR-A	
RBT-60	3,16 l/rev1"	DN-65	15 bar	Shoes	NR, NBR, EPDM, NR-A, NBR-A	

all specifications subject to change without notice

Performance Curves



AVAILABLE FROM