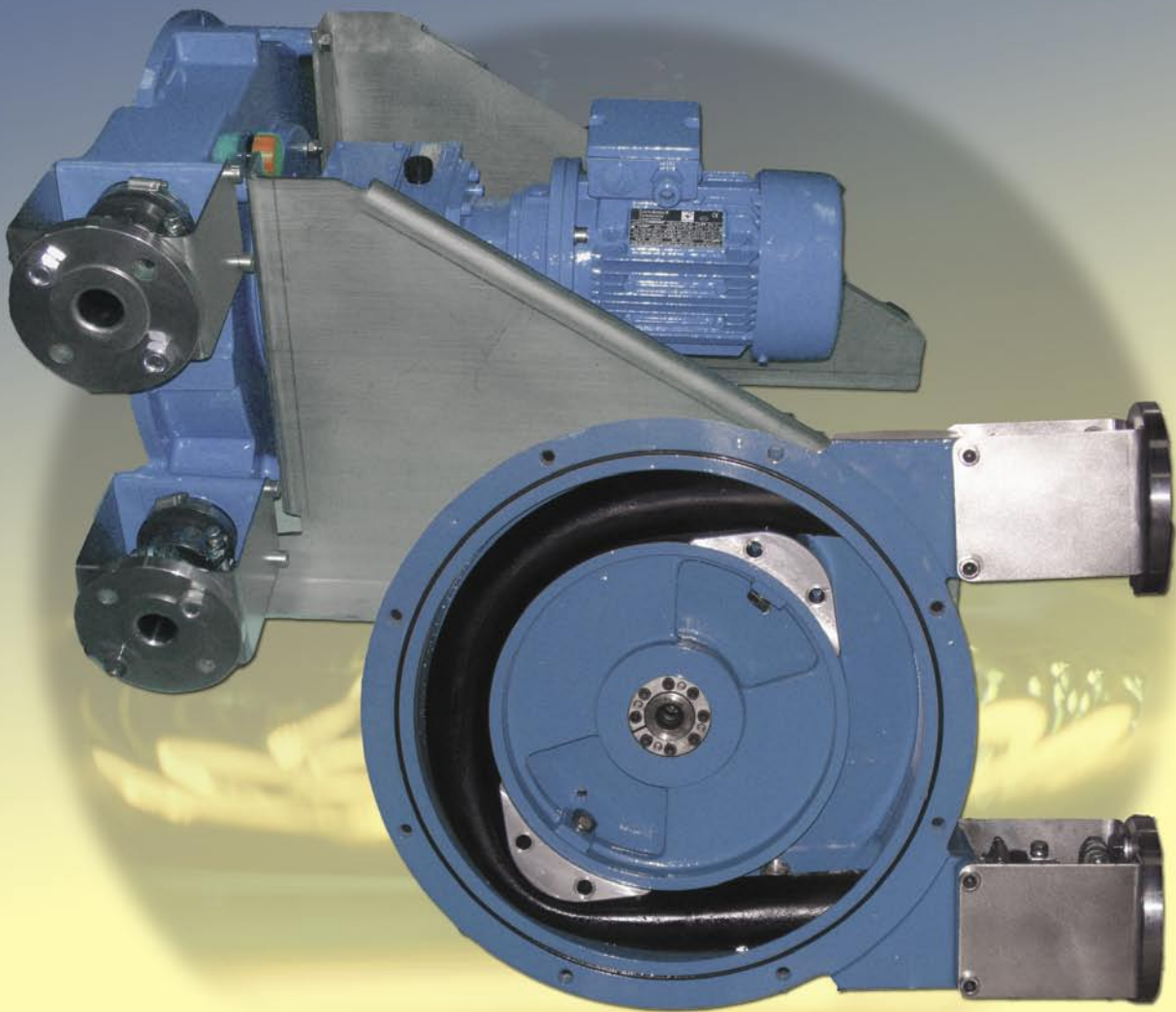


www.tapflo.com

Hose pumps

Brochure 2006



tapflo®

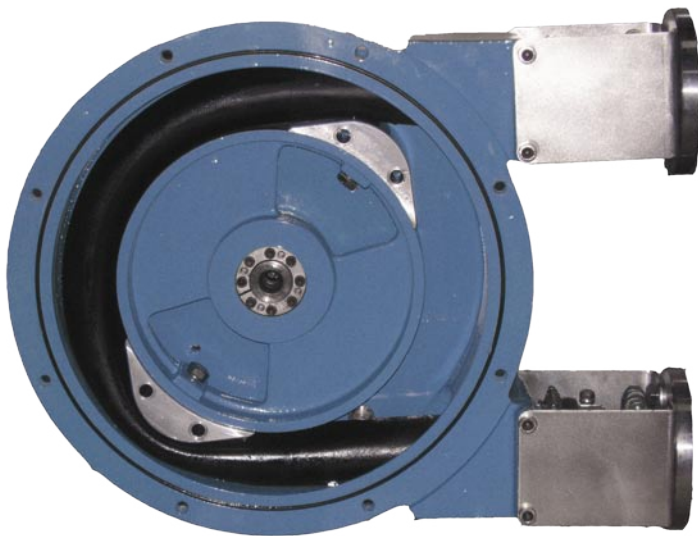
Tapflo - your reliable hose pump

Hose pumps

Tapflo PT is a hose pump of the latest design. We have combined the best materials with smart design solutions in order to maximise running time and minimise service.

The principle of operation of the pumping action in Tapflo hose pumps is achieved by pinching a circular loop of rubber tube with two diametrically opposed rotating wedges. Due to the rotational movement, the fluid in

the tubes is pushed ahead of each wedge. When each wedge reaches the end of the loop, the hose is released and the wedge rotates to the start of the loop to begin a new cycle. As the wedge releases the reinforced tube, it immediately returns to its original shape, there by ensuring positive suction and priming. This construction makes it a smart and effective choice for a wide range of pump applications.



Advantages

- ✓ Particularly suited to abrasive, corrosive, shear sensitive or viscous fluids
- ✓ Self priming up to 9 meters manometric lift
- ✓ Hoses reinforced with four layers of polyamide doubles the life time of the hose
- ✓ The drive of the pump is independent of the pumping system which eliminates risk of liquid in the drive
- ✓ Maintenance is done with the pump in the system resulting in a minimum of service time and therefore a more economical pump solution
- ✓ Precise volumetric flow
- ✓ Continuous run dry capability without damage
- ✓ Reversible pumping action
- ✓ High discharge pressure: 0 - 15 bar
- ✓ Easy maintenance (the hose is the only wearing part)

Typical applications

Industrial waste water, waste sludge treatment, flocculent dispersions, flocculated waste, lime liquor, sludge and slurries, ceramic slips and paste, clay suspension and compounds, cement slurries, concrete pumping, ore slurries and leaching pulp, metallic salts, crystallized suspensions, black liquor foam, filter press applications, cosmetics, pharmaceuticals, etc.

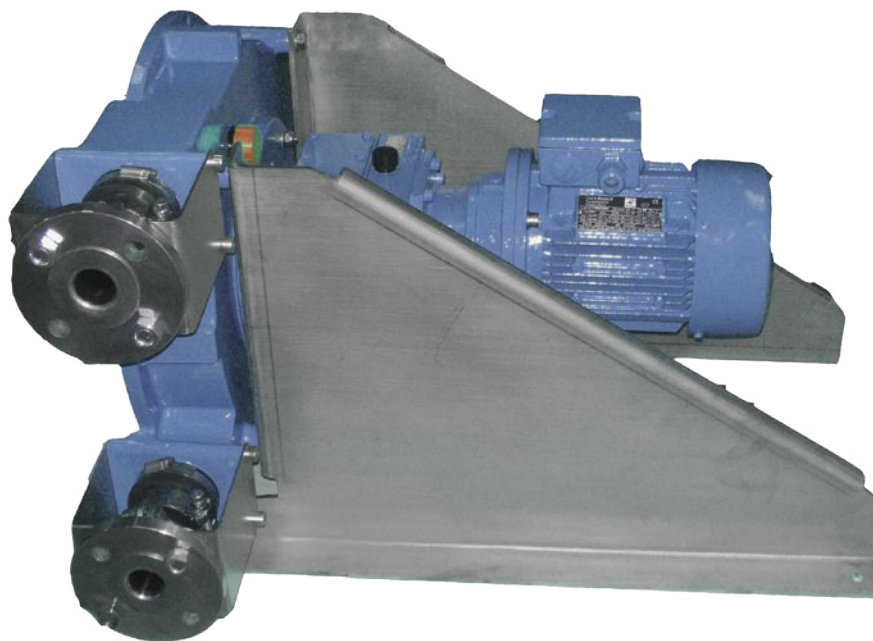
The pump housing is partially filled with lubricant, thereby allowing smooth running of the wedges on the tube. The pump fluid is only in contact with the inside of the tube and can therefore be of an aggressive nature and/or contaminated with particles.

Flowrate (l/h)

Type	20 rpm	40 rpm	60 rpm	80 rpm	100 rpm
PT 10	30	60	90	120	150
PT 15	100	200	300	400	500
PT 20	170	340	500	670	850
PT 25	400	800	1200	1600	2000
PT 32	750	1500	2250	3000	
PT 40	1170	2340	3510		
PTX 40	1600	3200	4800		
PT 50	3500	7000	10500		
PT 65	4900	9800	14700		
PTX 65	8000	16000	24000		
PTX 80	11000	22000			

Type	10 rpm	20 rpm	30 rpm	40 rpm
PT 80	7000	14000	21000	28000
PT 100	12000	24000	36000	48000
PT 125	22000	44000	000	

- Intensive use (l/h)
- Intermittent use (l/h)



www.tapflo.com

Tapflo is represented in more than 30 countries worldwide. Visit our website for updated information.



Tapflo offices

Bulgaria

Tapflo EOOD
Tel: +359 (0) 888 765 288
Fax: +359 (2) 974 18 54

China

Tapflo (Wuxi)
Tel: +86 510 8204 867
Fax: +86 510 8205 841

Denmark

Tapflo Danmark
Tel: +45 36 454600
Fax: +45 36 453500

France

Tapflo France
Tel: +33 1 34 78 82 40
Fax: +33 1 34 78 82 41

India

Tapflo Pumps (India)
Tel: +91 44 42103695
Fax: +91 44 26203479

Italy

Tapflo Italia
Tel: +39 0362307698
Fax: +39 0362307697

Poland

Tapflo Sp. z o.o.
Tel: +48 58 5301181
Fax: +48 58 5324767

Romania

S.C. Tapflo Rom. S.r.l.
Tel: +40 21 2247995
Fax: +40 21 2247994

Russia

OOO Tapflo
Tel: +7 095 2411017
Fax: +7 095 2411017

Spain

Tapflo Iberica
Tel: +34 91 662 40 14
Fax: +34 91 661 50 06

South Africa

Tapflo (Pty) Ltd
Tel: +27 41 5831412
Fax: +27 41 5831704

Ukraine

TOB Tapflo
Tel: +380 442388242
Fax: +380 442388242

United Kingdom

Tapflo (UK) Ltd
Tel: +44 2380 252325
Fax: +44 2380 269016

tapflo®

Swedish office

Tapflo AB

Filaregatan 4, S-442 34 Kungälv, Sweden
Tel: +46 303 63390, Fax: +46 303 19916
E-mail: sales@tapflo.com, internet: www.tapflo.com

\\hi\arbetsfiler\broschyr\...hose pumps brochure 2006-1.indd

Edition 1/2006