

# OPTIMIZING THE PROCESS

2018 | 1



» All about your flow

[www.tapflo.com](http://www.tapflo.com)

# Tapflo Solutions for process optimization

## Hygienic and simple

### Flap valves

Flap valves are used when pumping liquids containing big solids without damage. With the new design we are able to pump solids up to 50 mm in both T225 and T425 pump sizes and an impressive 100 mm in the T825 4" pump. Pumps can reach dry suction lift of 4,5 meters.

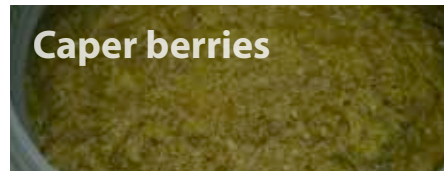
The new flap valves are more durable, have less spare parts and are more hygienic thus easier to clean. chemical transfer and circulation surface treatment industries.



Vegetable soup



Champignons in water



Caper berries



Sauerkraut



Beans



Tripe

### Magnetic ball lifters

Possibility to drain the content of the pump is crucial in most hygienic applications. [Ball lifting system from Tapflo could not have been easier.](#)

Magnetic ball lifters are implemented, in Sanitary and Aseptic EHEDG series AODD pumps, to enable pump emptying without removing it from the installation when no other draining option is available. Rotating the pump is no longer needed.



Valve ball

Magnet lifter

Manifold



#### ■ Working principle

Valve ball, either made of AISI 420 or PTFE with steel core, is lifted by magnet lifter attached onto the manifolds.



Magnet lifter

# Cost effective

## Long life diaphragms

With our experience of diaphragm manufacturing since 1990, we are able to supply unique technology compression molded diaphragms of utmost quality.

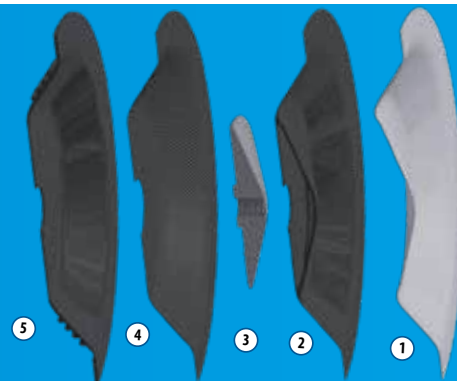
The diaphragms are available in various materials and colours to suit any requirements, they are made from PTFE TFM, PTFE TFM modified for solvents, EPDM, NBR or FKM.



### ■ Composite construction

Tapflo diaphragms are of composite construction, superior for continuous heavy duty service, with a completely smooth surface in contact with the liquid.

This results in no leak through and a diaphragm which is easy to keep clean.



## Energy saving drive

After decades of development and fine tuning of the air valve, seals, air distribution ways, diaphragms and shaft, our today's product is an air operated diaphragm pump with a very high degree of efficiency.

The air valve is placed in the middle of the pump between the diaphragms, to achieve short air ways and a minimum of so called dead volumes. This all together is the key to a reliable and energy saving drive.





## Sweden

Filaregatan 4 | S-442 34 Kungälv

Tel: +46 303 63390

Fax: +46 303 19916

E-mail addresses:

Commercial questions: [sales@tapflo.com](mailto:sales@tapflo.com)

Orders: [order@tapflo.com](mailto:order@tapflo.com)

Tech support: [support@tapflo.com](mailto:support@tapflo.com)

## Tapflo products and services are available in 75 countries on 6 continents.

Tapflo is represented worldwide by own Tapflo Group Companies and carefully selected distributors assuring highest Tapflo service quality for our customers' convenience.

AUSTRALIA | AUSTRIA | AZERBAIJAN | BAHRAIN | BELARUS | BELGIUM | BOSNIA | BRAZIL | BULGARIA | CANADA | CHILE | CHINA | COLOMBIA | CROATIA | CZECH REPUBLIC | DENMARK | ECUADOR | EGYPT | ESTONIA | FINLAND | FRANCE | GREECE | GEORGIA | GERMANY | HONG-KONG | HUNGARY | ICELAND | INDIA | INDONESIA | IRELAND | ISRAEL | ITALY | JAPAN | JORDAN | KAZAKHSTAN | KUWAIT | LATVIA | LIBYA | LITHUANIA | MACEDONIA | MALAYSIA | MEXICO | MONTENEGRO | MOROCCO | THE NETHERLANDS | NEW ZEALAND | NORWAY | POLAND | PORTUGAL | PHILIPPINES | QATAR | ROMANIA | RUSSIA | SAUDI ARABIA | SERBIA | SINGAPORE | SLOVAKIA | SLOVENIA | SOUTH AFRICA | SOUTH KOREA | SPAIN | SWEDEN | SWITZERLAND | TAIWAN | THAILAND | TURKEY | UKRAINE | UNITED ARAB EMIRATES | UNITED KINGDOM | USA | UZBEKISTAN | VIETNAM

## Tapflo Group Companies

### Austria

Tapflo Austria

Tel: +43 732 27292910

[sales@tapflo.at](mailto:sales@tapflo.at)

### Croatia

Tapflo GmbH

Tel: +385 91 4884 666

[sales@tapflo.hr](mailto:sales@tapflo.hr)

### India

Tapflo Fluid Handling India Pvt Ltd

Tel: +91 20 65000215

[ad@tapflo.in](mailto:ad@tapflo.in)

### Romania

S.C. Tapflo Rom. S.r.l.

Tel: +40 21 3451255

[sales@tapflo.ro](mailto:sales@tapflo.ro)

### South Africa

Tapflo (Pty) Ltd

Tel: +27 31 701 5255

[sales@tapflo.co.za](mailto:sales@tapflo.co.za)

### Azerbaijan

Tapflo Makina Ltd

Tel: +90 216 467 33 11

[sales@tapflo.com.tr](mailto:sales@tapflo.com.tr)

### Czech Republic

Tapflo s.r.o.

Tel: +420 513 033 924

[tapflo@tapflo.cz](mailto:tapflo@tapflo.cz)

### Ireland

Tapflo Ireland Ltd

Tel: +353 1 2011911

[info@tapflo.ie](mailto:info@tapflo.ie)

### Russia

Tapflo Company

Tel: +7 495 232 18 28

[sales@tapflo.com.ru](mailto:sales@tapflo.com.ru)

### Turkey

Tapflo Makina Ltd

Tel: +90 216 467 33 11

[sales@tapflo.com.tr](mailto:sales@tapflo.com.tr)

### Baltic States

Tapflo Latvia

Tel: +371 67472205

[sales@tapflo.lv](mailto:sales@tapflo.lv)

### China

Tapflo (Wuxi)

Tel: +86 510 8241 7072

[sales@tapflo.cn](mailto:sales@tapflo.cn)

### Italy

Tapflo Italia

Tel: +39 0362307698

[info@tapfloitalia.com](mailto:info@tapfloitalia.com)

### Serbia

Tapflo d.o.o.

Tel: +381 21 44 58 08

[sales@tapflo.rs](mailto:sales@tapflo.rs)

### Ukraine

TOB Tapflo

Tel: +380 44 222 68 44

[sales@tapflo.com.ua](mailto:sales@tapflo.com.ua)

### Belarus

Tapflo Belarus

Tel: +375 17 3934609

[sales@tapflo.by](mailto:sales@tapflo.by)

### Denmark

Tapflo Danmark

Tel: +45 36 454600

[info@tapflo.dk](mailto:info@tapflo.dk)

### Japan

Tapflo Japan K.K.

Tel: +81-3-6240-3510

[tapflojp@tapflo.co.jp](mailto:tapflojp@tapflo.co.jp)

### Slovakia

Tapflo s.r.o.

+421 911 137 883

[tapflo@tapflo.sk](mailto:tapflo@tapflo.sk)

### Uzbekistan

Tapflo Uzbekistan

Tel: +998 712370940

[sales@tapflo.uz](mailto:sales@tapflo.uz)

### Bulgaria

Tapflo EOOD

Tel: +359 (0)2 974 18 54

[office@tapflo.bg](mailto:office@tapflo.bg)

### France

Tapflo France

Tel: +33 1 34 78 82 40

[info@tapflo.fr](mailto:info@tapflo.fr)

### Kazakhstan

Tapflo Kazakhstan

Tel: +7 727 3278347

[sales@tapflo.kz](mailto:sales@tapflo.kz)

### Slovenia

Tapflo GmbH

Tel: +386 68 613 474

[sales@tapflo.hr](mailto:sales@tapflo.hr)

### United Kingdom

Tapflo (UK) Ltd

Tel: +44 2380 252325

[sales@tapflo pumps.co.uk](mailto:sales@tapflo pumps.co.uk)

### Canada

Tapflo Canada

Tel: +1 514 813 5754

[canada@tapflo.com](mailto:canada@tapflo.com)

### Georgia

TOB Tapflo

Tel: +380 44 222 68 44

[sales@tapflo.com.ua](mailto:sales@tapflo.com.ua)

### Poland

Tapflo Sp. z o.o.

Tel: +48 58 530 42 12

[info@tapflo.pl](mailto:info@tapflo.pl)

### Spain

Tapflo Iberica

Tel: +34 91 8093182

[avives@tapfloiberica.es](mailto:avives@tapfloiberica.es)