



Doseringspumpe

Bruksområder

Kjemikalier
Løsningsmiddel
Syrer / laker / lut
Oljer
Maling
Fargestoff
Lim
Alkalier
Emalje
Polyester
Kalkmelk
Bentonitt
Pasta
Lateks
Harpiks
Polymer (plast)
Plantelim, gluten, klister,
lim
Rengjøringsmiddel

Løsningsmiddel

Næringsmiddel

- Melkeprodukter
- Vin
- Sauser
- Syltetøy
- Flytende eggmasse
- Majones
- Kjøttprodukter
- Fruktsaft
- Etc.

Fordeler

Stort funksjonsområde:

- Nøyaktig og trinnløs mengde-regulering fra 0 - 100 %.
Jevn flyt justeres med kontrollvrideren
- Kapasiteter opptil 2000 liter/time

- Sugeevne opptil 1,5 m
- Allround

Trygg i bruk

- Driftssikker, robust og kompakt
- Enkelt vedlikehold og minimalt med reservedeler
- Lekkasjefri konstruksjon / Tetningsløs.

Andre kvaliteter

- IEC normert motor.
- Oljefylt lagerbukk
- Høye trykk - gir
- Valgfritt med fjærbelastet retur eller ikke
- Kan leveres med utgang 4-20 mA / PLS
- Mange materialvalg

Velg doseringspumpe tilpasset bruk etter Frosters anbefaling

**Utvalgte pumper for
krevende brukere**

 **FRÖSTER**
PROSESSPUMPER OG ENGINEERING

Sandviksveien 30 · 5035 Bergen
Tlf.: 55 36 58 55 · Fax 55 21 51 60

Plunger

RBA-RBB BLACKLine



Spring Return

Type	RBA	RBB
L/h	300	300

- Black anodizing Aluminium casing;
- Simple and robust spring return plunger pump;
- Low cost, due to reduced number of components;
- Ideal for metering of mild or non-aggressive fluids.
- Single and multiple arrangement.

RCC BLACKPlus



Spring Return

Type	RCC
L/h	300

- Black anodizing Aluminium casing;
- Simple and robust spring return plunger pump;
- Low cost, due to reduced number of components;
- Ideal for metering of mild or non-aggressive fluids;
- ATEX STD compliance (94/9/CE), group II category 2 (zone 1/21) and group II category 3 (zone 2/22).
- Single and multiple arrangement.

R



Spring Return

Type	RH
L/h	620

- Simple and robust spring return plunger pump;
- Low cost, due to reduced number of components;
- Ideal for metering of mild or non-aggressive fluids;
- ATEX STD compliance (94/9/CE), group II category 2 (zone 1/21) and group II category 3 (zone 2/22).

L API 675



Positive Return

Type	LY	LK	LN	LP
L/h	400	1300	3800	5500

- API 675 positive return plunger pump;
- Heavy-duty construction designed for continuous (24 hour) industrial operation;
- Suitable for high pressure applications where accuracy and reliability are essential;
- ATEX STD compliance (94/9/CE), group II category 2 (zone 1/21) and group II category 3 (zone 2/22).
- Multiple pumps arrangement with different sizes, materials and strokes/1'.

Hydraulic Diaphragm

XRN BLACKPlus



Spring Return

Type	XRN
L/h	105

- Black anodizing Aluminium casing;
- Technically advanced hydraulic diaphragm process pump;
- Combines the simplicity and economics of the mechanism with the advantages of the hydraulic diaphragm using an innovative mechanically actuated oil replenishing system;
- Built-in relief valve on the oil circuit to protect the pump against over pressure;
- API 675 - like performances with variable on site press. relief valve;
- Minimum maintenance required;
- ATEX STD compliance (94/9/CE), group II category 2 (zone 1/21) and group II category 3 (zone 2/22).

XLA API 675



Positive Return

Type	XLA
L/h	20

- Technically advanced hydraulic diaphragm positive return pump (API 675);
- Low cost, due to reduced number of components;
- Extreme reliability and durability due to positive return and double hydraulic diaphragm with mechanically actuated replenishing (smart diaphragm);
- Variable on site built-in relief valve on the oil circuit to protect the pump against over pressure;
- Minimum maintenance required;
- Multiple pumps arrangement with different sizes, materials and strokes/1'

XL-XLB-XLC API 675



Positive Return

Type	XL	XLB	XLC
L/h	480	430	1300

- Technically advanced hydraulic diaphragm positive return pump (API 675);
- Low cost, due to reduced number of components;
- Extreme reliability and durability due to positive return and double hydraulic diaphragm with mechanically actuated replenishing (smart diaphragm);
- Built-in relief valve on the oil circuit to protect the pump against over pressure;
- Can be used in both process and service applications;
- Minimum maintenance required;
- ATEX STD compliance (94/9/CE), group II category 2 (zone 1/21) and group II category 3 (zone 2/22).
- Multiple pumps arrangement with different sizes, materials and strokes/1'

X9 API 675



Positive Return

Type	LY X9	LK X9	LN X9	LP X9
L/h	270	1050	2600	3700

- Double diaphragm process metering pump (API 675);
- Extreme reliability and durability due to positive return and double hydraulic diaphragm with mechanically actuated replenishing (smart diaphragm);
- Seamless ceramic plunger guarantees low NPSHr and minimum maintenance;
- Extreme safety due to built-in relief valve and innovative double diaphragm design;
- SS 316L sandwich diaphragm available on demand;
- ATEX STD compliance (94/9/CE), group II category 2 (zone 1/21) and group II category 3 (zone 2/22).

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Mechanical Diaphragm

MB-MC

BLACKLine



Spring Return

Type	MB	MC
L/h	155	420

- Black anodizing Aluminium casing;
- Simple and robust spring return mechanical diaphragm pump;
- Low cost, due to reduced number of components;
- Uses mechanically actuated diaphragm to combine the characteristics of a plunger pump (linear flow rate) with the sealing advantages of a diaphragm pump;
- Minimum maintenance required.
- Single and multiple arrangement.

MD

BLACKPlus



Spring Return

Type	MD
L/h	520

- Black anodizing Aluminium casing;
- Simple and robust spring return mechanical diaphragm pump;
- Uses mechanically actuated diaphragm to combine the characteristics of a plunger pump (linear flow rate) with the sealing advantages of a diaphragm pump;
- Minimum maintenance required;
- ATEX STD compliance (94/9/CE, group II category 3 (zone 2/22)).
- Single and multiple arrangement.

ME



Spring Return

Type	ME
L/h	1500

- Black anodizing Aluminium casing;
- Simple and robust spring return mechanical diaphragm pump;
- Uses mechanically actuated diaphragm to combine the characteristics of a plunger pump (linear flow rate) with the sealing advantages of a diaphragm pump;
- Minimum maintenance required;
- Single arrangement only.

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