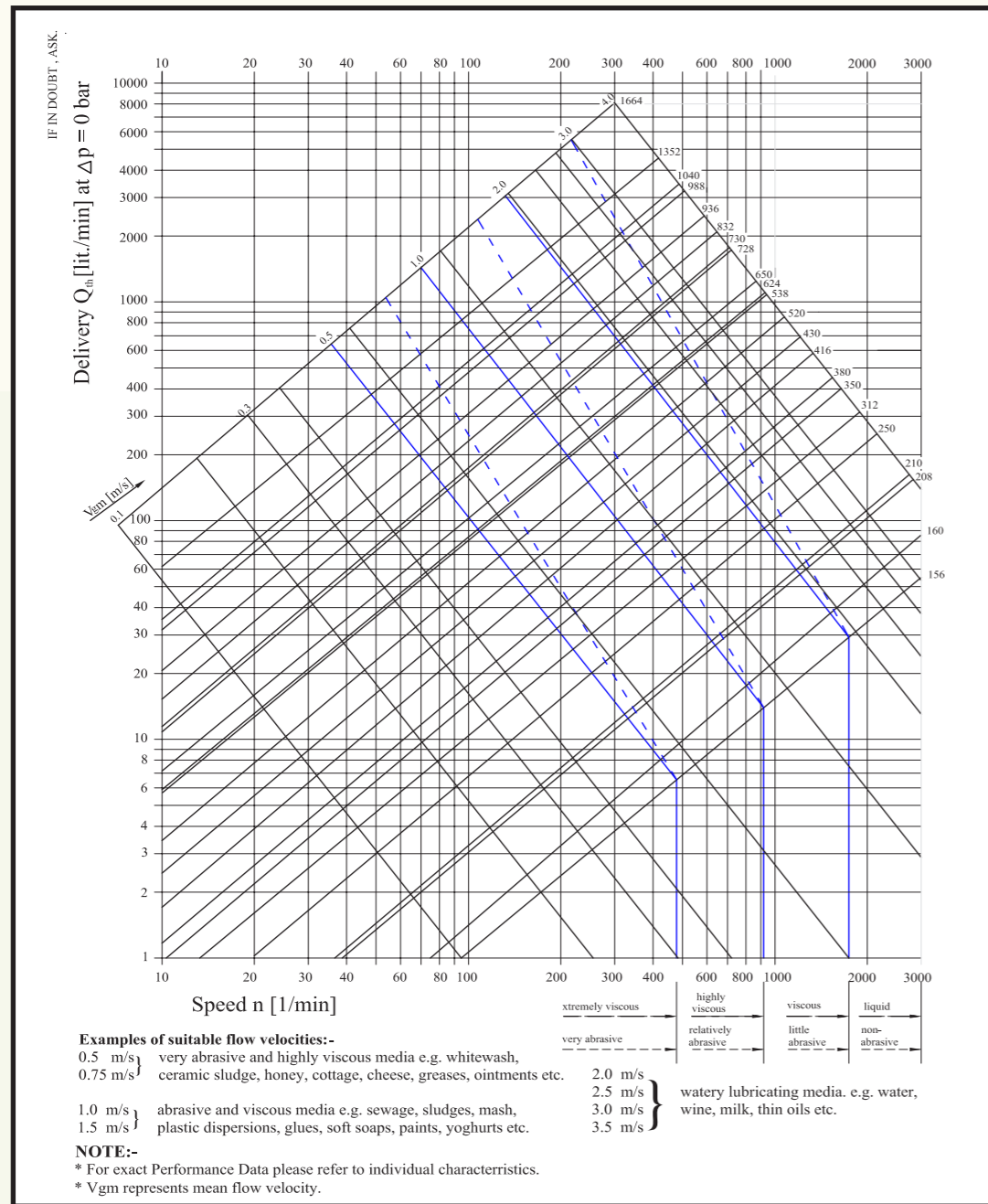


## Performance Data



### Note:

- \*The above data should be used for estimating the pump size only, contact ROTOMAC with complete application details for exact limits of operation and quotation.
- \*Pumps to handle pressures of 36 Bar (520 psi) are available in selected sizes only, contact ROTOMAC for detailed information.
- \*Pumps with Wide Throat & feed auger are also available for media with high viscosity & solid content.
- \* Pumps can be installed vertically when installation space is limited.
- \* Dimensional drawings for the pumps can be made available of request.

# ROTOMAC™

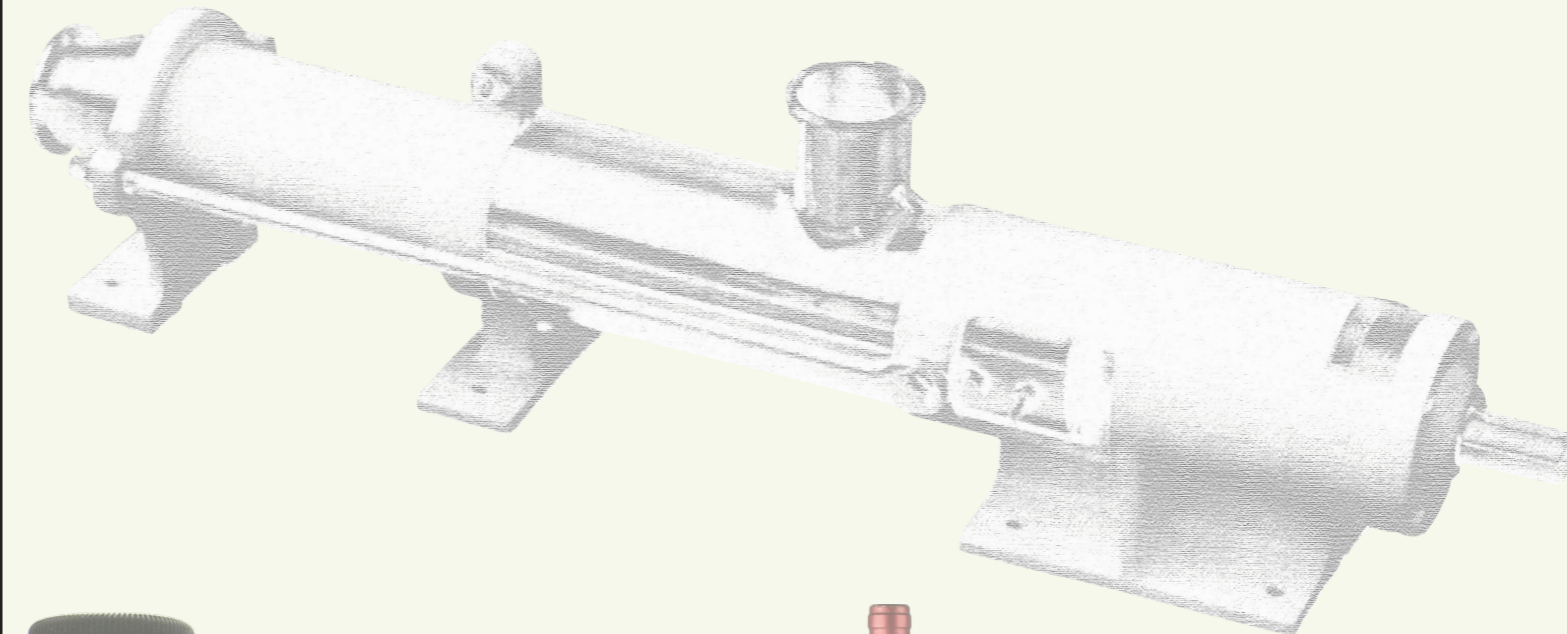
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 SITE-I, KANPUR-208022, INDIA  
 Office: +91 (0512) 2691704, 2691705  
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Your nearest contact :

# ROTOMAC™

## PROGRESSIVE CAVITY PUMPS



## Hygienic Pump

FOOD | BEVERAGE | PHARMA | DAIRY

# ROTOMAC™

## A Reliable Solution To All Your Pumping Needs

ROTOMAC brings together its proven technology, engineering expertise, and world class manufacturing to offer you its hygienic range of progressive cavity pumps. Emphasizing on clean in place (CIP) & smooth surfaces makes it the perfect solution to all your pumping requirements.

### The Hygienic Range

The 'F' type hygienic range of pumps have been designed specially for cosmetic, food and beverage industries. They are designed keeping in mind the hygiene and variable viscosities of different fluids in these industries. Available in smooth Stainless Steel finish, they also come with a wide throat hopper inlet incorporating an auger. The 'F' Type pumps conform to the guidelines in the 3-A US Sanitary Standards.

### Simplicity Is Convenience

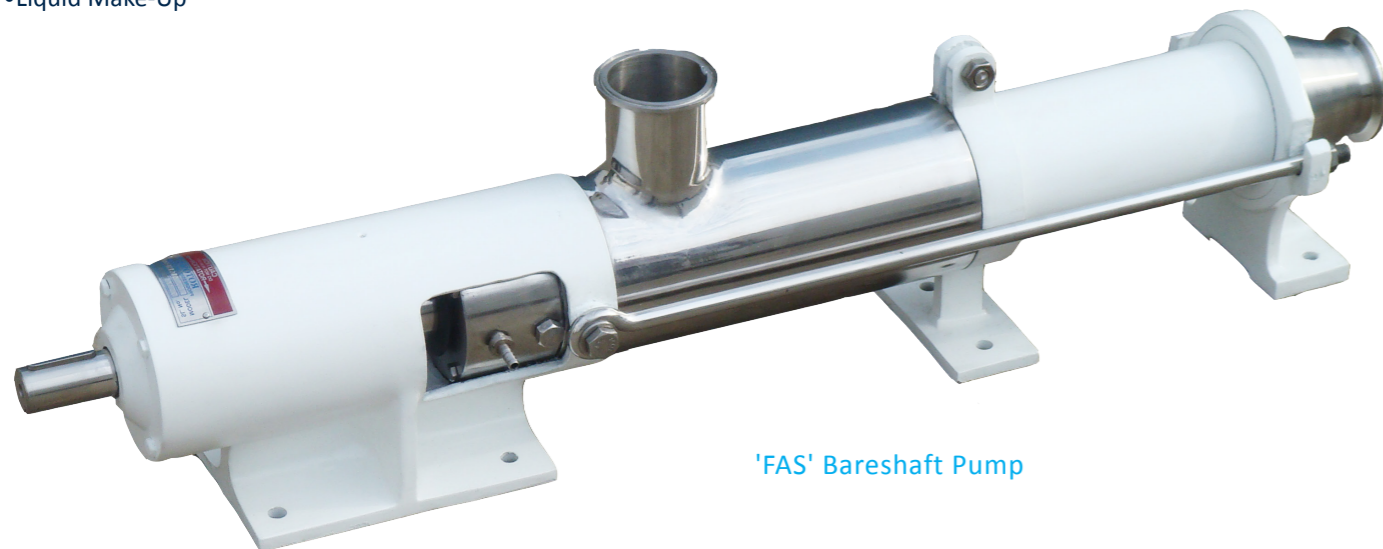
This range of pumps consists of minimal number of easily maintained components which reduces the number of replaceable parts. This guarantees a lower initial investment cost, reduced maintenance expenses & cost of replacement spares to a bare minimum. The modular design also facilitates a quick & easy disassembly and assembly for routine maintenance. These pumps also offer an option for an open fork universal joint design, which is self cleaning & free from any media retaining pockets as well as offers highest resistance to corrosion and wear.

### Typical Applications

- Amla Pulp •Beer •Beverages •Butter •Butter Oil
- Casein •Chocolates •Creams •Curd •Jams •Edible Oils
- Demineralised Water •Diced Vegetables •Gelatine •Fruit Pulp & Juices •Glucose •Ghee •Honey •Ice Cream Mix
- Instant Coffee & Tea •Liquid Glucose •Liquors •Lotions & Creams •Malt Extraction •Medicinal Formulations •Milk
- Shampoo •Starch •Sugar Syrup •Squashes •Tamarind Extract •Tomato Ketchup/Paste •Tooth Pastes •Wine •Yeast
- Vegetable Extracts • Oil Slurries • Vitamins • Ointments
- Toothpastes • Herbal Pastes • Pill Pastes • Chyawanprash
- Liquid Make-Up

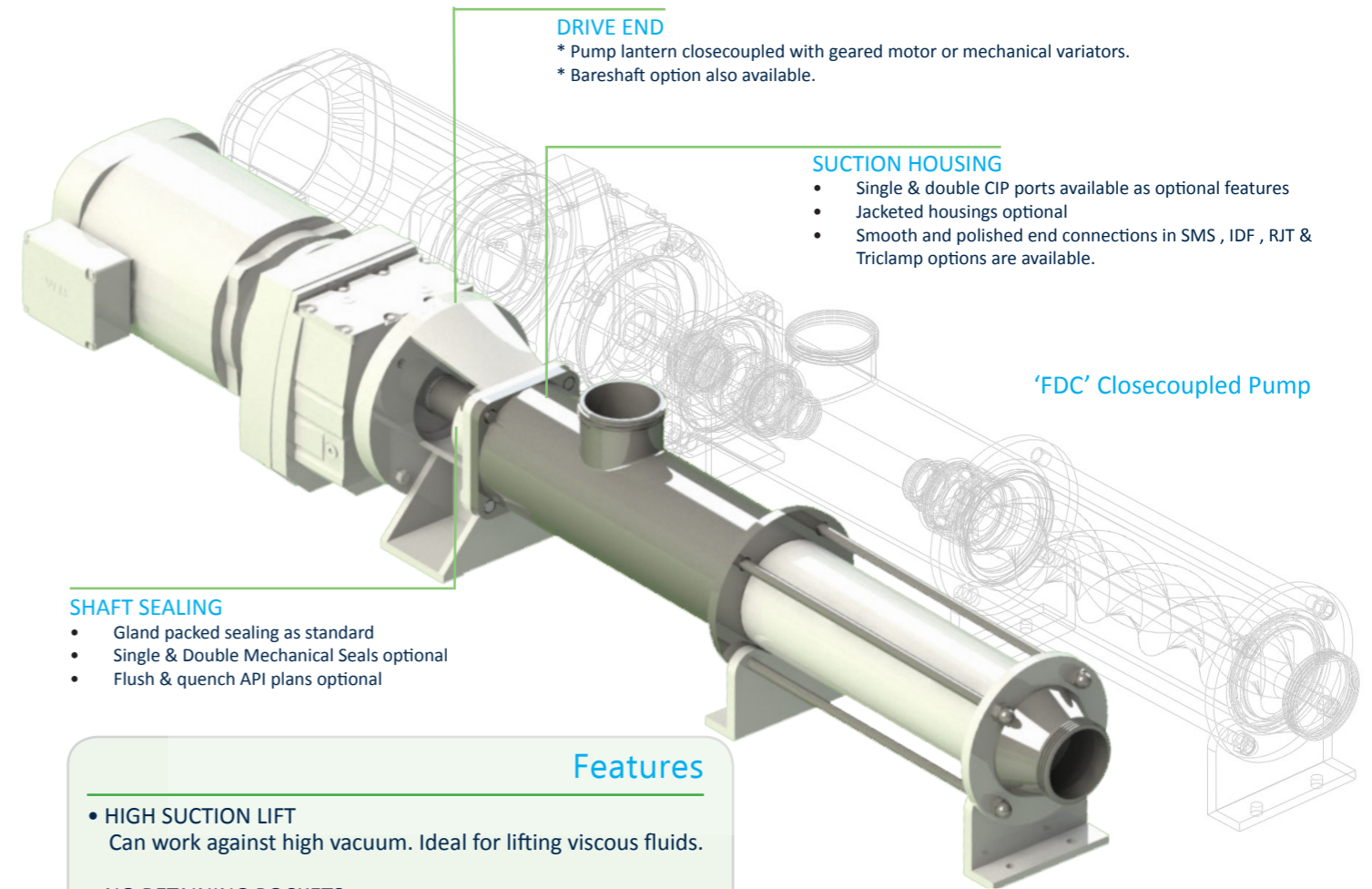
### Capabilities

- Capacities up to 200 M<sup>3</sup>/Hr (880 USGPM )
- Handles pressures up to 36 Bar ( 520 psi )
- Handles high solid content and high viscous media with ease.
- 
- Continuous working temperature upto 200 °C ( 292 °F )



'FAS' Bareshaft Pump

# ROTOMAC™



#### DRIVE END

- \* Pump lantern closecoupled with geared motor or mechanical variators.
- \* Bareshaft option also available.

#### SUCTION HOUSING

- Single & double CIP ports available as optional features
- Jacketed housings optional
- Smooth and polished end connections in SMS , IDF , RJT & Triclam options are available.

'FDC' Closecoupled Pump

#### SHAFT SEALING

- Gland packed sealing as standard
- Single & Double Mechanical Seals optional
- Flush & quench API plans optional

### Features

- **HIGH SUCTION LIFT**  
Can work against high vacuum. Ideal for lifting viscous fluids.
- **NO RETAINING POCKETS**  
Prevents chemical and/or bacterial contamination.
- **SELF PRIMING**  
Can handle high percentage of air/gas/vapor with liquid.
- **CLEANING IN PLACE**  
Ensuring hygienic conditions by allowing positive cleaning. Single or double CIP Port available as optional features.
- **LOW FLUID VELOCITY**  
Provides a gentle handling of sensitive fluids to avoid any damage to the media.
- **NON CONTAMINATING ELEMENTS**  
All metallic parts in contact with the fluid are of smooth Stainless Steel finish.
- **UNIFORM FLOW**  
No pulsation, turbulence or aeration.
- **NON CLOGGING**  
Handles suspensions or mixtures containing high percentage of solids.
- **REVERSIBLE**  
The rotation and direction of flow is reversible.
- **VERSATILITY**  
Handles any fluid from clear water to highly viscous.
- **SILENT RUNNING**  
The rotor rotates inside a resilient stator, thus generating minimal noise.

### WIDETHROAT HYGIENIC PUMP



These pumps are designed for highly viscous media & greater solid content. They have an open widethroat hopper type Inlet and an auger which makes sure non-flowable media are pumped seamlessly.

'WFC' Closecoupled Pump

### Material Options

#### WETTABLE HOUSING COMPONENTS:

- Fabricated Stainless Steel 304/316/316L.

#### STATOR POLYMERS:

- Food Grade Nitrile, EPDM, Fluoroelastomer.

#### ROTOR:

- Stainless Steel 304/316/316L.

\* Special Coatings for Rotors are available

\*\* Special materials except the ones listed above can be requested .