

## APPLICATIONS

For the pumping of a range of viscosities from water to semi-solid, the lobe pump gives a gentle, positive action, suitable for both homogeneous liquids and liquids with particles and solids in suspension.

## CONSTRUCTION

All liquid contact parts in AISI 316 stainless steel when supplied in standard form. Pump head fully machined all over with 32 micron maximum surface finish on contact parts. Cast Iron or Aluminium gear housing with a hammer finish enamel coating. Conforming to world-wide hygienic standards with models complying with 3A and USFDA requirements.

## Rotors

Trilobe stainless steel as standard to 70°C (clean in place up to 95°C if discharge pressure below 3 bar) or with increased clearances for maximum temperature 100°C, 130°C or 150°C. Also available with twinlobe and bilobe rotors, and in all forms in phosphor bronze or cast iron. For Hy-flo rotors – see data sheet, Hy-flo pumps. (PC65121)

## Front Cover Joints

EPDM, Viton, Nitrile or PTFE

## Seals

**Standard mechanical seals are available in the following forms:**

1. Single externally mounted with pinned static seat.
2. Single flushed, externally mounted with pinned static seat.
3. Double flushed, with pinned static seats.
4. Single, internally mounted with pinned static seat.

**Rotary Faces:** Carbon, silicon carbide, tungsten carbide.

**Static Faces:** Stainless steel, silicon carbide, tungsten carbide.

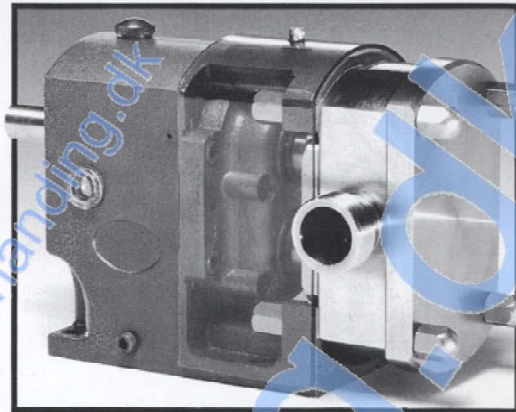
**Elastomers:** EPDM, Nitrile, Viton, PTFE encapsulated Viton.

**Other sealing arrangements available:**

Packed Gland in Kevlar or PTFE.

Chevron type packing also available for special applications.

Proprietary brands of mechanical seal – Crane, Chesterton, etc.



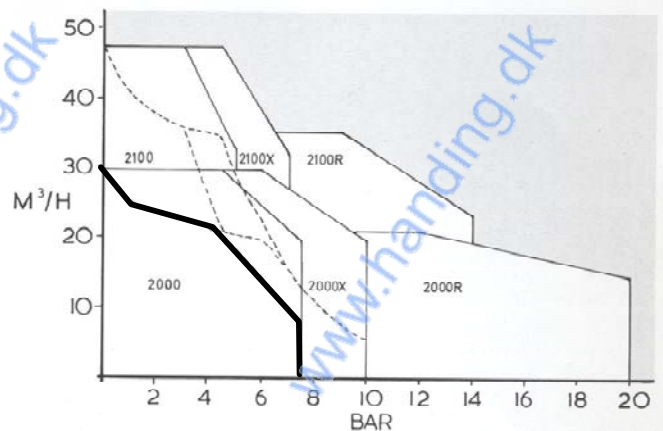
The selection of the size of a positive displacement pump depends to a great extent on the viscosity of the product to be pumped and its shear sensitivity. The diagram shows the capacity range of the pump but for certain products, particularly high viscosity products, a larger pump with a lower speed must be selected. Contact your local representative for information regarding the correct pump size.

The following data must be known in order to select the correct pump size and drive unit:

- Product to be pumped
- Required capacity (or capacity range)
- Required pressure (or pressure range)
- Density of the product
- Viscosity of the product
- Operating temperature of the product
- Max. temperature of medium to be pumped
- Type of connection – any standard thread or flange can be fitted
- Optional equipment
- Voltage frequency

The basic selection graph shows only the operating parameters of the pump and should only be used as a guide. Any dimensions shown below were correct at time of going to press but are subject to change, certified drawings are available on request.

Model	Connection	Max. Pressure
2020	51 mm (2")	7.5 Bar



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**Ibex Type MOG 2020A**

Alle mål i mm.  
Measures in mm

Dette dokument er vejledende  
Der tages forbehold for fejl.

This document is only guiding.

We make reservation for possible errors

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