

# RANNIE

**Homogeniser – High Pressure Pump**

## Standard Specifications

Type	Max. Capacity l/h	Max. Capacity pounds/h	Max. Pressure bar	Max. Pressure psi
22.51	800	1.760	400	5.800

## Homogeniser – High Pressure Pump

### Fields of application:

The dairy, food, chemical, and pharmaceutical industries.

### STANDARD specifications:

Built for working pressures up to 400 bar. All parts in contact with the product are made of stainless steel. Sanitary design for cleaning in place (CIP). Solid valve housing and diaphragm pressure gauge. Single-stage manual homogenising system with the efficient RANNIE LW-homogenising valve. Sanitary cylinder sealing with U-ring sleeves. All external surfaces coated with blue impact-proof 2-component epoxy enamel. 3-A Sanitary Standards. V-belt drive

### Frame:

Welded frame of sectional steel with adjustable stainless steel feet with nylon supporting discs.

### Power supply:

Operating voltage 3 × 380 V A.C., 50 c/s.

### Pipe connections:

Inlet NOM. 38.

Outlet NOM. 38.

### Tools:

Necessary special tools included.

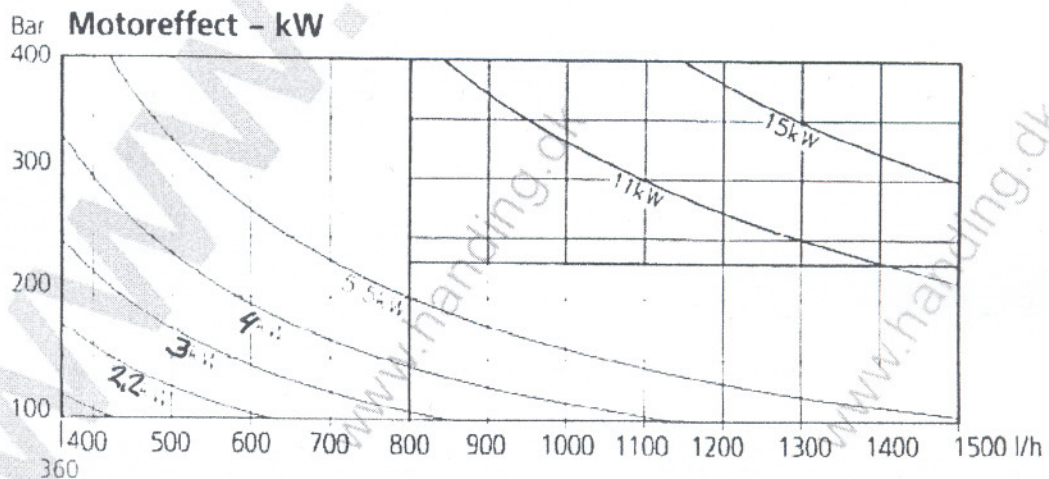
### Additional equipment and Special design:

Standard additional equipment:

Totally enclosed fan-cooled IEC-norm motor, exd. of motor starter; re-circulation arrangement with inlet funnel; pulsation damper; pipe protection valve; safety valve; manual two-stage homogenising system; hydraulic single-stage homogenising system; 3-part valve housing with interchangeable valve seats and ball valves; cylinders with special packings, closed water lubrication and ceramic pistons; pressure transducer with digital display; automatic pressure control system with servo motor and controller; aseptic design.

### Below options available:

Any other voltage and frequency; different types of motors and motor regulations for variable capacities; motor starter; product contacting parts and packings in special materials; explosion-proof execution; control and safety equipment in accordance with customer's or authorities' specifications; etc.



**Handing ApS**

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**Rannie Lab 22.51**

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Der tages forbehold for fejl.  
This document is only guiding.  
We make reservation for possible errors.

Tegn. Godk. TN

Lager nr.

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