

## Gerstenberg Schröder Dynamic Mixer - BMX

BUTTER SYSTEM

### GS Dynamic Mixer Benefits:

The compact GS dynamic mixer is designed to efficiently apply high shear in short time. It is highly suitable for dairy, margarine and other food products to which ingredients need to be added efficiently and mixed homogeneously.

Supporting a wide capacity range of product flows from 100 l/h to 12,000 l/h, depending on the product, the mixer offers a number of exceptional benefits.

Minimum production space is required and installation is easy as the mixer can be delivered with connection sizes from 38 to 101 mm to fit existing pipelines.

The unique features of the mixer include hygienic design of the rotor which facilitates and improves the efficiency of the important CIP process. Also the mounting and dismounting of the rotor and mixing house are carried out easily and quickly whereby downtime is minimized. The mixer is designed with no loose parts in the product area, such as nuts, split pins or similar.

The mixer can be delivered with or without direct injection of ingredients into the mixing area.

#### MATERIALS

Product contacting parts are made of stainless steel AISI 316L. The rest is made in AISI 304. The mechanical seal is made of SIC/TUC.



#### MOTOR

The mixing motor is from 2.2 to 11 kW and they are frequency regulated.

#### INLET/OUTLET CONNECTION

Tri clamp fittings are standard. Alternative types of fittings can be delivered.

#### PRODUCT PRESSURE

Max. 25 bar.

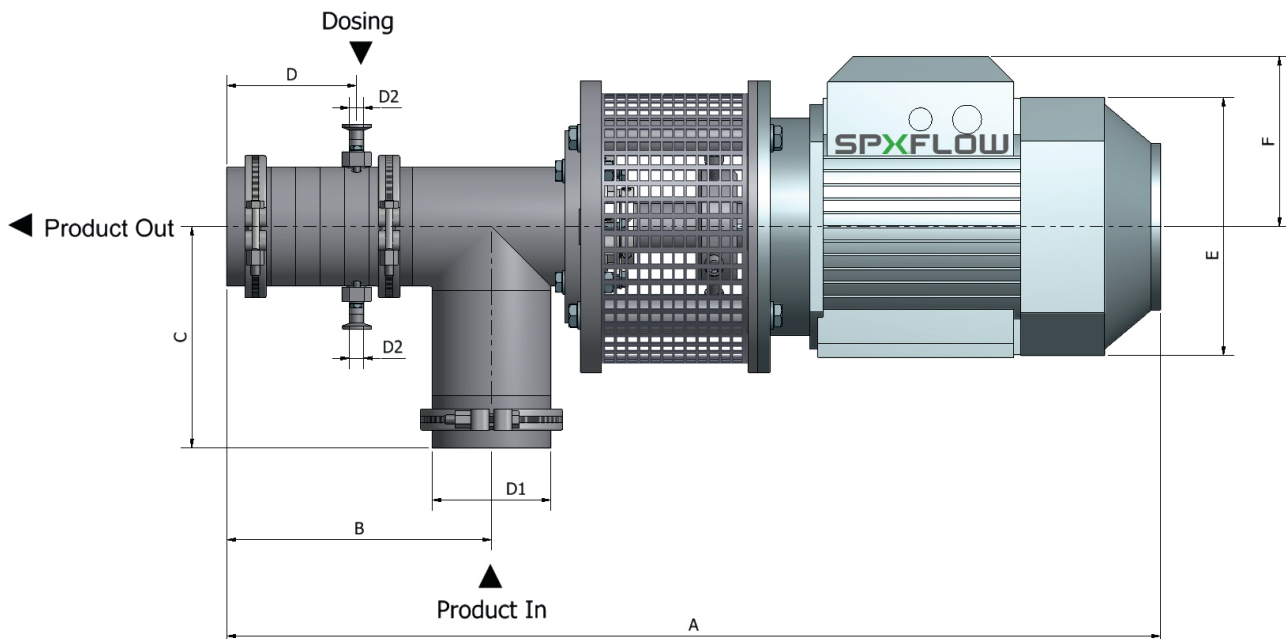
#### OPTIONS

It is possible to have cooling/heating jacket on mixing house as well as a mechanical seal with water flush. Also a special nitrogen mixing unit can be added.

Stainless steel wash down motor.

| D1   | D2 | A   | B   | C   | D   | E   | F   |
|------|----|-----|-----|-----|-----|-----|-----|
| 38   | 12 | 712 | 216 | 175 | 142 | 215 | 140 |
| 51   | 12 | 725 | 222 | 175 | 142 | 215 | 140 |
| 63.5 | 12 | 738 | 229 | 175 | 142 | 215 | 140 |
| 75   | 12 | 750 | 235 | 175 | 142 | 215 | 140 |
| 101  | 12 | 735 | 220 | 175 | 142 | 215 | 140 |

Dimensions in mm.



GS dynamic mixer – BMX

# SPXFLOW

SPX FLOW Oestmarken 7, 2860 Soeborg, Denmark

P: +45 70 278 222, F: +45 70 278 223

E: gs.dk.sales@spxflow.com · www.spxflow.com

SPX FLOW reserves the right to incorporate our latest design and material changes without notice or obligation. Design features, materials of construction and dimensional data, as described in this bulletin, are provided for your information only and should not be relied upon unless confirmed in writing. Please contact your local sales representative for product availability in your region. For more information visit [www.spxflow.com](http://www.spxflow.com). The green ">" is a trademark of SPX FLOW, Inc.

GS-304-GB VERSION 02/2016 ISSUED 01/2017

COPYRIGHT © 2016 SPX FLOW, Inc.