

**FEATURES**

- Available from 2" to 10"
- 1 to 6% induction.
- Usable with river and sea water
- Low maintenance
- Low pressure drop

**Description**

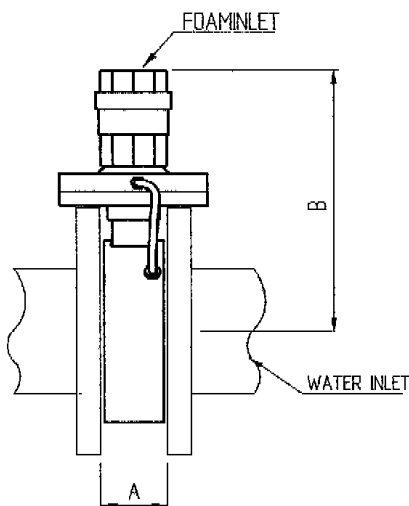
The GB proportioner is a high performance foam proportioner designed for use with foam pumps or bladder tanks.

The proportioner comes in sizes from 2 inch up to 10 inch, and is for between flange mounting.

The GB 3" FP is designed to work with Foam Pumps

The foam proportioning can be either pre-set to any value between 1 and 6% or we deliver the GB with a adjustable valve for selection of mixing ratio between 1 and 6%. Foam pressure min 1 bar over water pressure. Please look at table for foam pump selection below.

K-factor 1 = 1 lpm @ 1 bar  
( $Q=Kx\sqrt{P}$ )

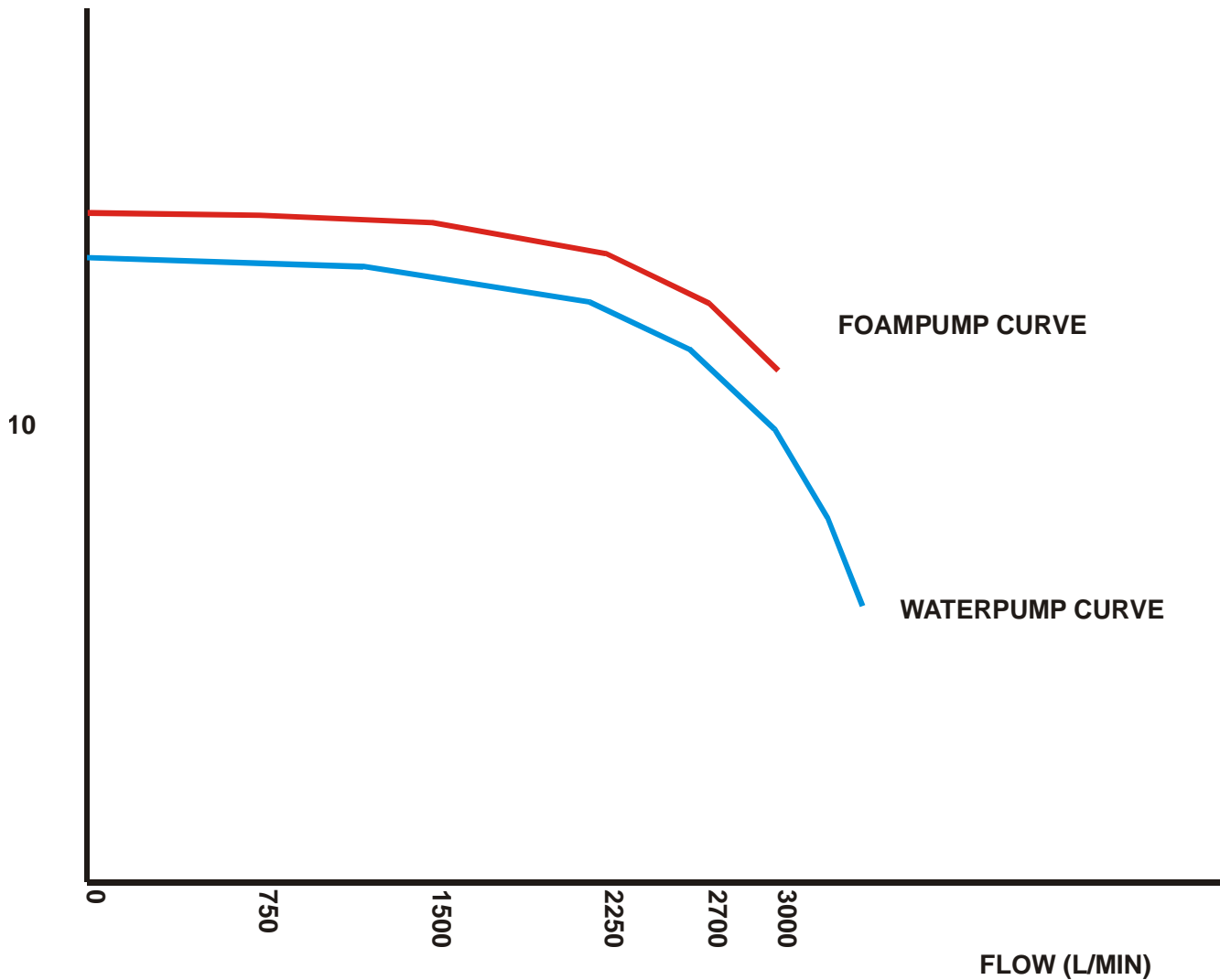


**Technical data**

|                            |                  |
|----------------------------|------------------|
| Model                      | GB 3" FP         |
| Size                       | DN 80            |
| Foam inlet                 | DN 25            |
| Flow rate (max)            | 3000 lpm         |
| Flow rate (min) AFFF/ARC   | 250/450 lpm      |
| Flow range AFFF/ARC        | 1:12 / 1:7       |
| Proportioning rate         | Specify in order |
| Inlet pressure (max)       | 16 bar           |
| Inlet pressure (min)       | 3 bar            |
| K-factor                   | 950              |
| Flange type                | DIN PN16         |
| Between flange proportions | 50 mm            |
| Height                     | 255 mm           |
| Weight                     | 7,0 kg           |
| Material                   | Bronze           |

# Foam Pump Selection Guidance

PRESSURE (BAR)



| WATER FLOW | TOTAL DIFF PRESSURE | RECOMENDED MINIMUM FOAM PRESSURE OVER WATER PRESSURE | DROPLESS CHECK VALVE | DROPLESS BALANCING VALVE | FOAM FLOW |
|------------|---------------------|--|----------------------|--------------------------|-----------|
| 0          | 1,00                | 1,00   | 0,00                 | 0,00                     | 0         |
| 750        | 1,04                | 1,00   | 0,02                 | 0,02                     | 23        |
| 1500       | 1,08                | 1,00   | 0,04                 | 0,04                     | 45        |
| 2250       | 1,17                | 1,00   | 0,08                 | 0,09                     | 68        |
| 2700       | 1,26                | 1,00   | 0,12                 | 0,14                     | 81        |
| 3000       | 1,34                | 1,00   | 0,16                 | 0,18                     | 90        |

