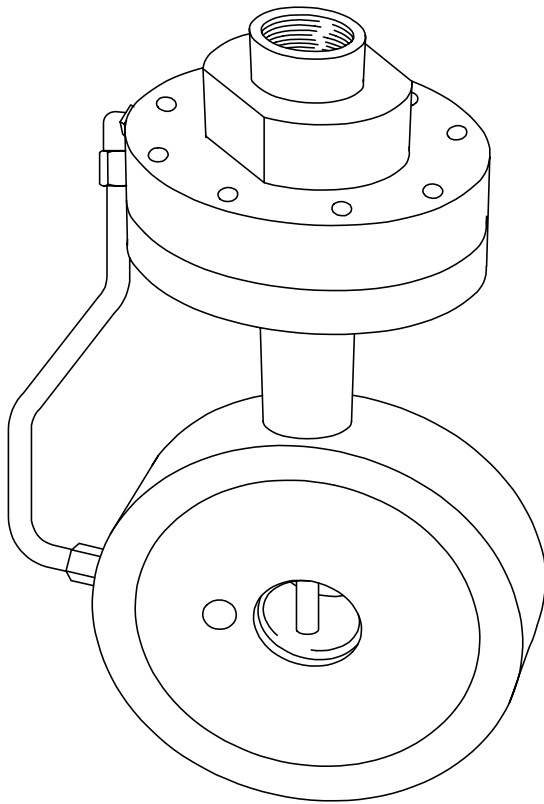


**PP-50/20**

**PP-80/20**



## Description

The balanced pressure proportioner PP induces foam concentrate into the water feed line.

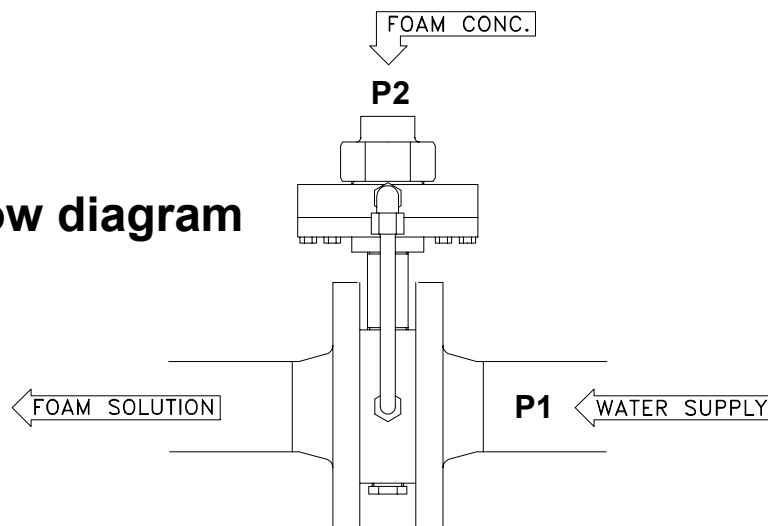
The proportioning rate can be adjusted on site.

The main part of this advanced and compact proportioner is made of high quality bronze as standard.

The PP is mounted between ANSI or DIN flanges in the water line and with a 3/4" female connection on the foam concentrate feed pipe.

The foam concentrate is supplied to the proportioner by a foam concentrate pump. The proportioning accuracy is maintained during variations in the water flow and pressure. The water flow range is related to the system pressure drop, caused by the proportioner (see table).

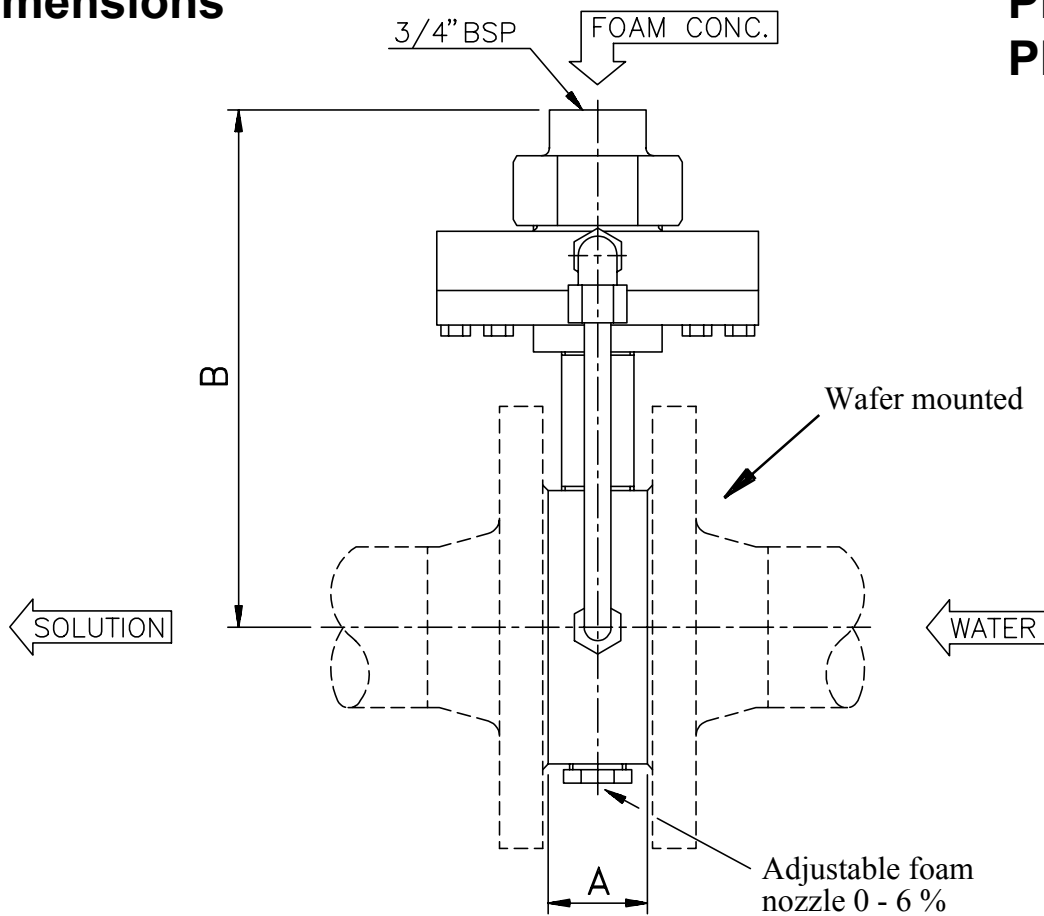
## Principle flow diagram



The foam concentrate pressure P2 must exceed the water pressure P1 by at least 1 bar

## Dimensions

**PP-50/20**  
**PP-80/20**



| Size     | A mm | B mm | Weight kg |
|----------|------|------|-----------|
| PP-50/20 | 37   | 200  | 6         |
| PP-80/20 | 37   | 220  | 10        |

## Performance data

1 bar = 0,1 MPa = 14,5 psi

| Type     | Connection<br>mm/inch |       | Capacity |       |       |       | Proportioner<br>k-factor |
|----------|-----------------------|-------|----------|-------|-------|-------|--------------------------|
|          |                       |       | Min      |       | Max*  |       |                          |
|          | Foam                  | Water | l/min    | USGPM | l/min | USGPM |                          |
| PP-50/20 | 3/4" BSP              | 50/2" | 125      | 33    | 800   | 211   | 645                      |
| PP-80/20 | 3/4" BSP              | 80/3" | 300      | 80    | 2000  | 528   | 1615                     |

\* At proportioner system pressure drop 1,5 bar

Max. working pressure: 16 bar/235 psi

Materials: Bronze and stainless steel

Other materials upon request

$$\frac{Q \text{ lit./min.}}{\sqrt{P \text{ bar}}} = \text{k-factor}$$



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