



Description

The GB "FP" is a high performance foam proportioner designed for use with foam pump and combines very high proportioning accuracy with a low pressure drop. The GB series comes in sizes from 2 inch up to 10 inch, and flow ranges between 110 to 24000 lpm (standard versions). The flow range ratio of 1:10 (1:5 for ARC type foam) makes the GB a flexible component in a fixed foam system. For maximum flexibility the GB proportioners can be modified to suit a unique system specification. It can be modified for adjustable proportioning ratio or for minimal pressure drop or flow rate higher than 100% without changing proportioner body size. The GB "FP" proportioners are standard equipped with check valve.

Application

The GB "FP" foam proportioning is designed for between flange mounting (wafer), DN or ANSI. It is important to keep the foam pump pressure minimum 1 bar over water pressure to enable accurate proportioning. The proportioner body is marked with flow direction and foam inlet is connected to the check valve. Suitable for use with fresh or sea water and any type of foam concentrate.

Optional

- Adjustable proportioning ratio
- Different flow rates
- Optimized pressure drop

Technical Data

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|--------------------------------|----------------------|
| 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 (standard): | 3% |
| 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 |

