

FEATURES

- **Fixed proportioning ratio**
1%, 3% or 6%
- **Water flow 200 - 15,000 lpm**
- **Between flange construction**
- **Suitable for ARC foam concentrates**
- **Easy to install**

Application

Fixed foam systems where a variable flow rate can occur, such as in sprinkler systems or multiple deluge systems.

Recommended Foam

All types of foam concentrates with induction rates of 1%, 3% or 6% can be used. For ARC (alcohol resistant) foam concentrate a special calibration is necessary and should be mentioned when ordering.

Operation

The WRP can be installed horizontally or vertically with a minimum pipe length of 5 times the diameter before and 3 times after the WRP. The foam inlet is connected to the bladder tank. The operating temperature should be above 0°C.

Make sure that the pressure loss over the foam concentrate line from the bladder tank does not exceed 0,3 bar.

The proportioning ratio is constant over the whole flow range.

Key data

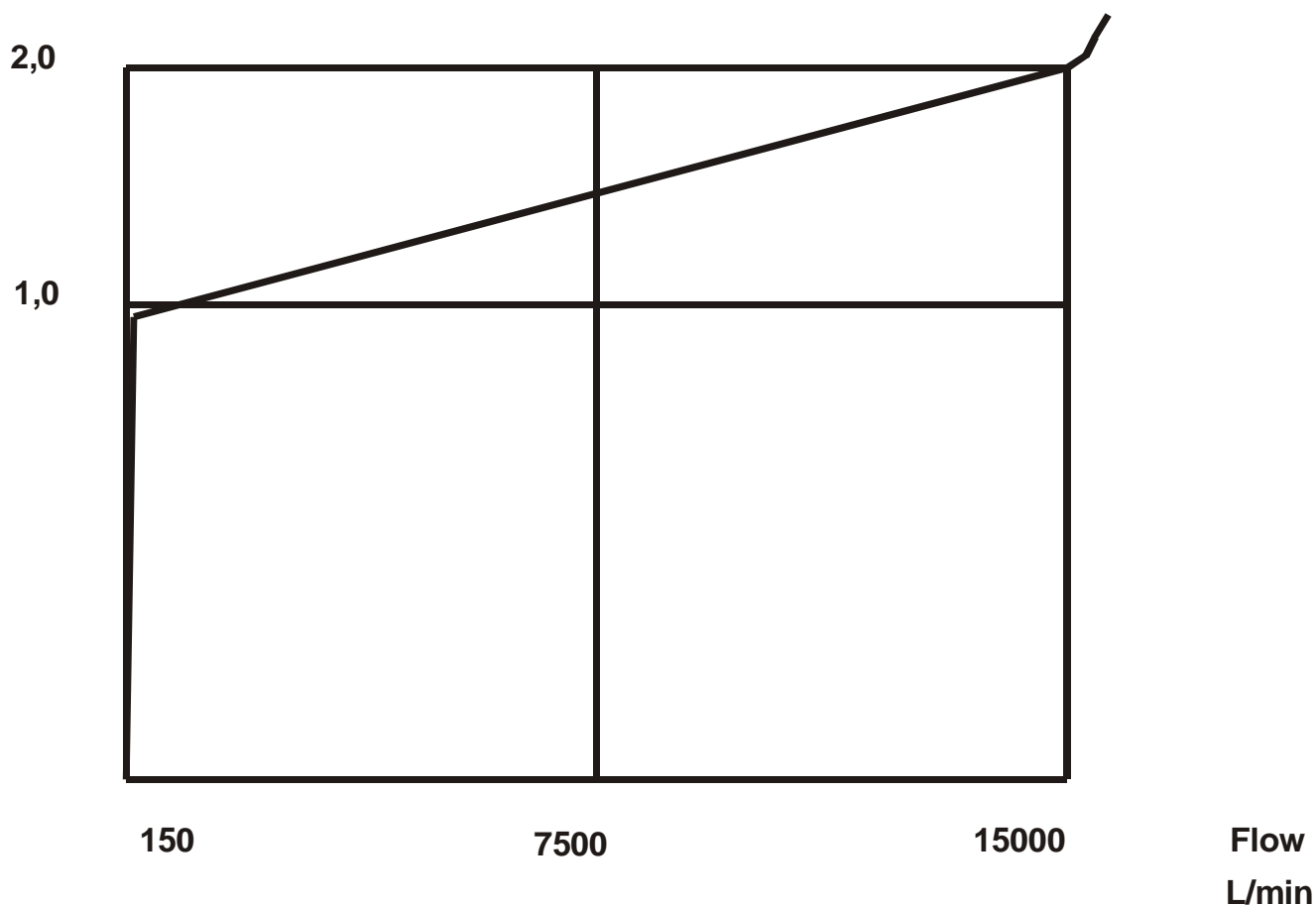
The Wide Range Proportioner, WRP, for bladdertanks offers an exact pre-settled proportioning ratio of 1%, 3% or 6% over a wide water flow range between 200 lpm and 15000 lpm. The maximum pressure loss is not more than 2,8 bars at 12000 lpm flow. The foam inlet is equipped with a non-return valve to prevent water from going back into the bladder tank.



Technical Data

Model	WRP 8" BT
Size	DN 200
Foam inlet female	R 2½"
Flow range	150 – 15000 lpm
Proportioning rate (pre-calibrated)	1%, 3% or 6%
Inlet pressure (max)	16 bar
Inlet pressure (min)	5 bar
Pipe length upstream	1000 mm
Pipe length downstream	1000 mm
Flange type	DIN PN16
Between flange proportions	88 mm
Height	360 mm
Weight	40 kg
Material	Bronze, Compatible with all foam concentrates

Pressuredrop BAR



Proportioning

