

FEATURES

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

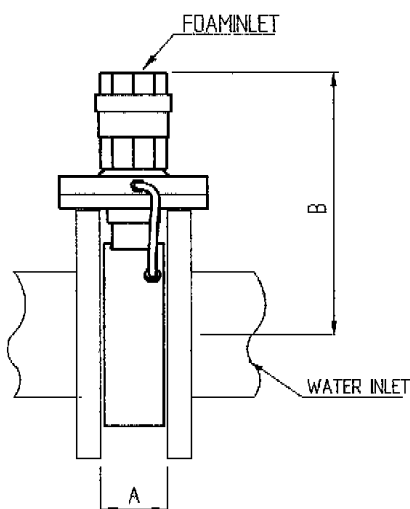
Description

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 BG 4" FP id 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
($Q=Kx\sqrt{P}$)

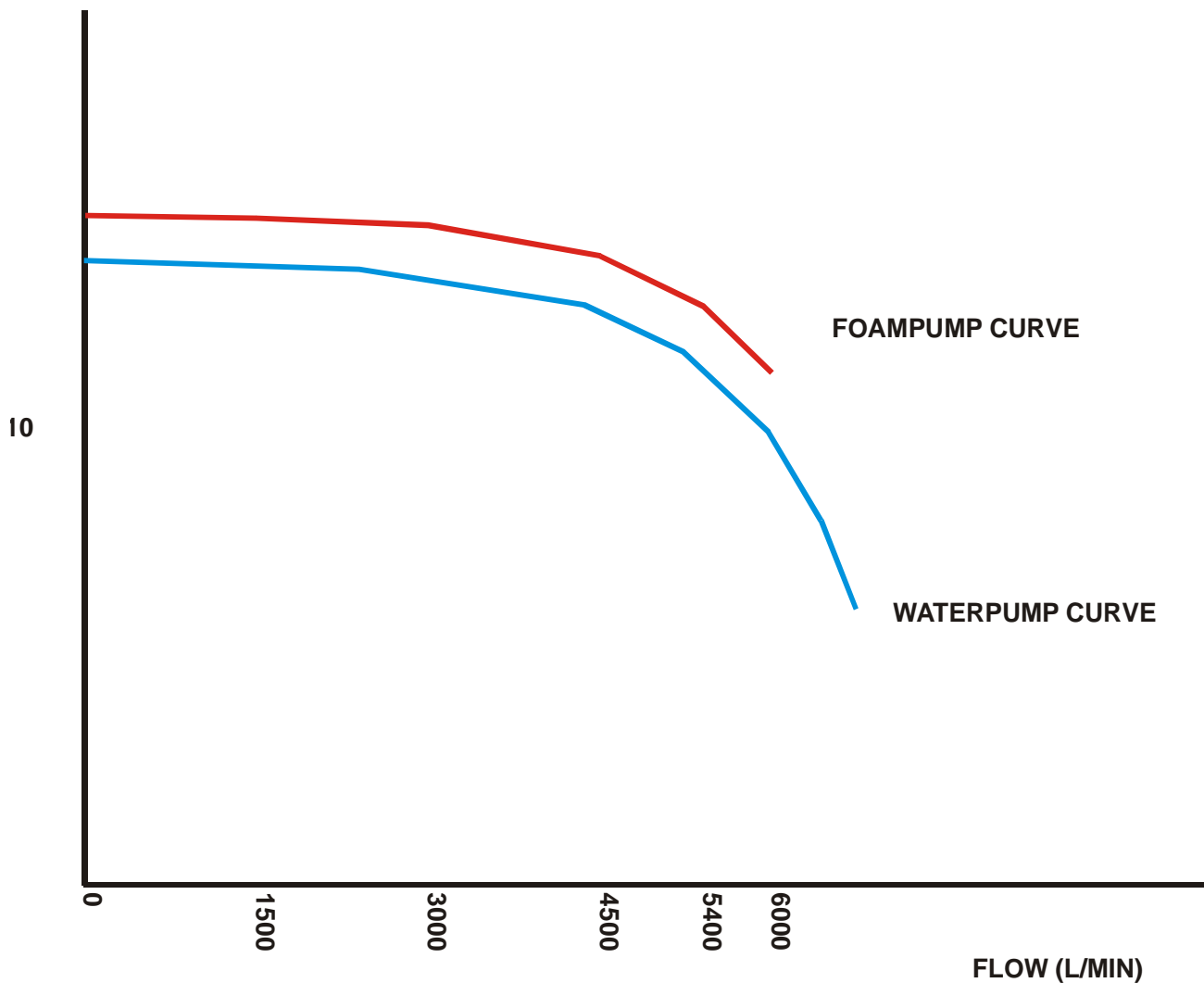


Technical data

Model	GB 4" FP
Size	DN 100
Foam inlet	DN 40
Flow rate (max)	6000 lpm
Flow rate (min) AFFF/ARC	500/900 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	1930
Flange type	DIN PN16
Between flange proportions	58 mm
Height	250mm
Weight	7,5 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
1500	1,06	1,00	0,01	0,05	45
3000	1,20	1,00	0,02	0,18	90
4500	1,38	1,00	0,03	0,35	135
5400	1,54	1,00	0,04	0,50	162
6000	1,69	1,00	0,04	0,65	180

