

FEATURES

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

Description

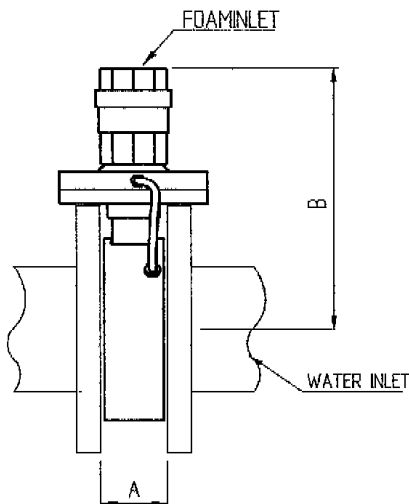
The GB proportioner is a high performance foam proportioner designed for use with foam pumps or bladder tanks.

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

The GB 2" 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
($Q=Kx\sqrt{P}$)

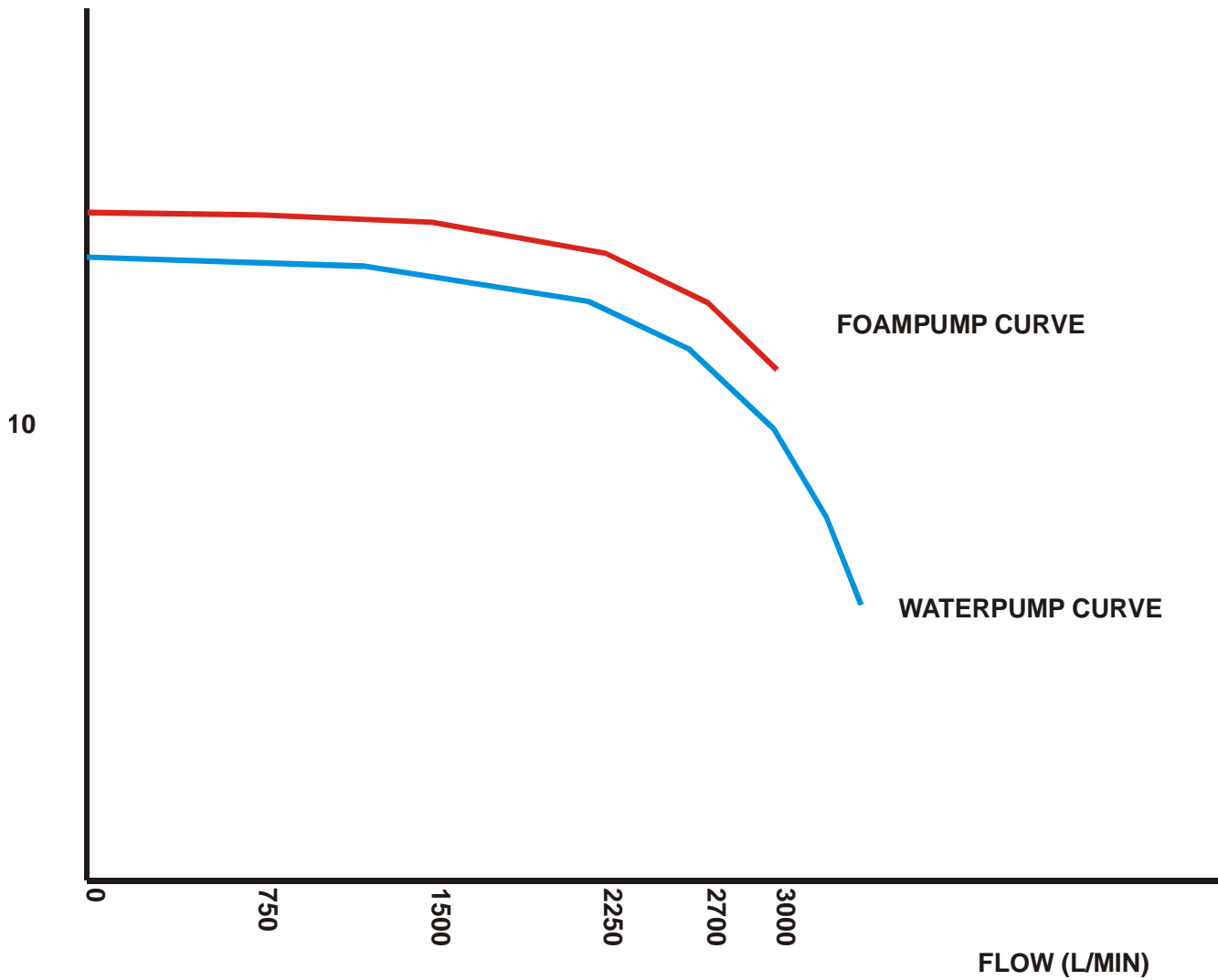


Technical data

Model	GB 2" FP
Size	DN 50
Foam inlet	DN 20
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

