

Low Expansion Self-Inducing Foam Branchpipe

200 lt/min at 2.5 Bar - 6% or 3% Foam Suction Percentage

Lloyd's Register certified according to SOLAS 1974 and IMO - Certificate No. SAS F150315

Description:

Our extensive range of foam Branchpipes covers a wide range of products, perfect for every situation. Standard version is a easy-to-use foam branch pipe with main body made in anodized aluminum, corrosion resistant, linked to a stainless steel pipe (AISI 304), able to grant the perfect jet length. The body is a self inducing mixer which allows the system to draw automatically the correct foam

percentage (standard version is designed to work with a 6% foam, code 82116, on req. 3% version, code 82117), through a high resistance PVC flexible pipe, reinforced with metal wire.

The Branchpipe comes with a standard inlet 2" BSP (available 1" 1/2 BSP), and can fit a large variety of couplings (BS 336, UNI, STORZ...) to best suit the needs of each Customer

Standard		
Family code		82116 & 82117
Length (L) ~	m m	670
Diameter (W)	m m	50
Connection (Ø)	BSP	2"
Weight ~	kg	2.0
Working pressure bar		2.5
Flow rate lt/min @ 2.5bar		~200
Flow rate lt/min @ 4bar		~270
Flow rate lt/min @ 5bar		~290
Flow rate lt/min @ 7bar		~340
Jet length (*) @ 2.5bar ~ m		15
Suction percentage %		6 and 3
Material body mixer		Anodized aluminum
Material pipe		Stainless Steel epoxy red RAL3000 painted

(*) Depending on foam concentrate type.

On request version suitable for 400 lt/min @5 bar

Specified standard: Performance testing in accordance with SOLAS 1974 (as amended) and IMO Fire Safety Systems (FSS) Code as amended by IMO Resolution MSC.217(82)

On Request	
• Type connection	UNI ,BS 336, Storz and G.1 1/2" (or customer request)
• Body	Brass or Gunmetal
• Pipe	Stainless steel AISI 316
• Suction percentage	3%
• Finishing	Epoxy yellow painted
• On/Off Valve	Stainless Steel body
• Manometer	Ø 63mm or Ø100mm



On Request:
Brass Ball valve
Code 66041 Ball Valve 2"
Code 66040 Ball Valve 1 1/2"

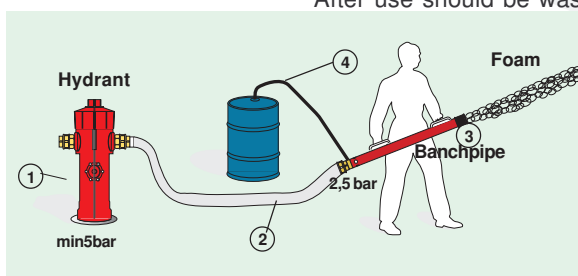


Couplings available on request in aluminum or brass.

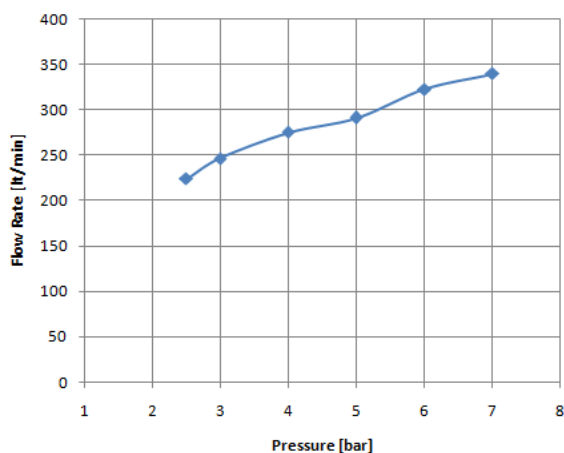
How to use it

Connect the outlet of hydrant (1) to inlet mixer on the branchpipe (3), through fire hose (2), put the suction pipe (4) into the foam drum: the correct proportion of foaming agent will be taken automatically aspirated from the system.

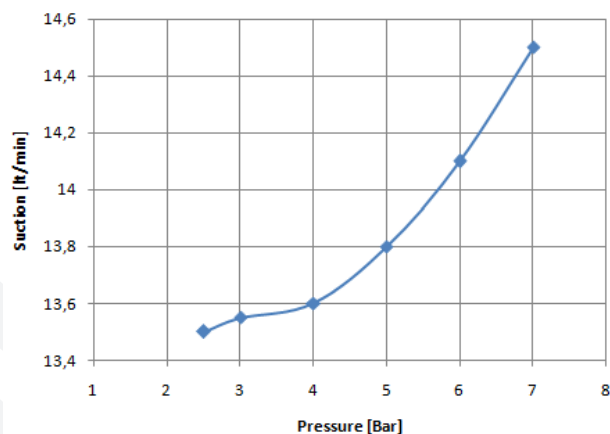
The mixture of water and foam is automatically mixed with the air inside the branchpipe.
Water pressure at mixer must be at least 2.5 bar: if not use a motor pump to boost pressure.
After use should be washed with running water.



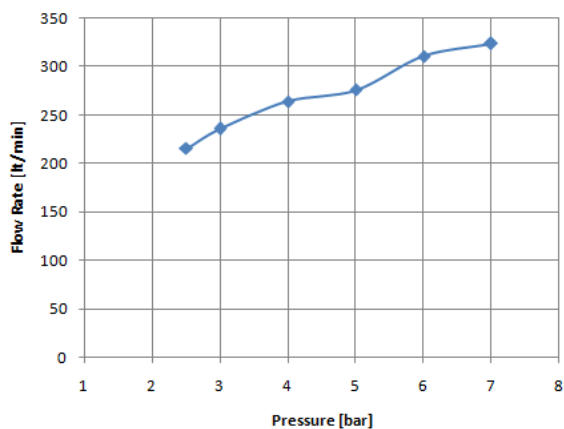
Flow Rate 6% [lt/min]



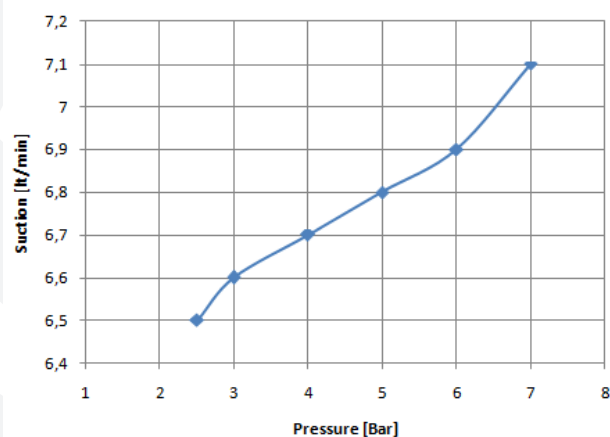
Suction 6% [lt/min]



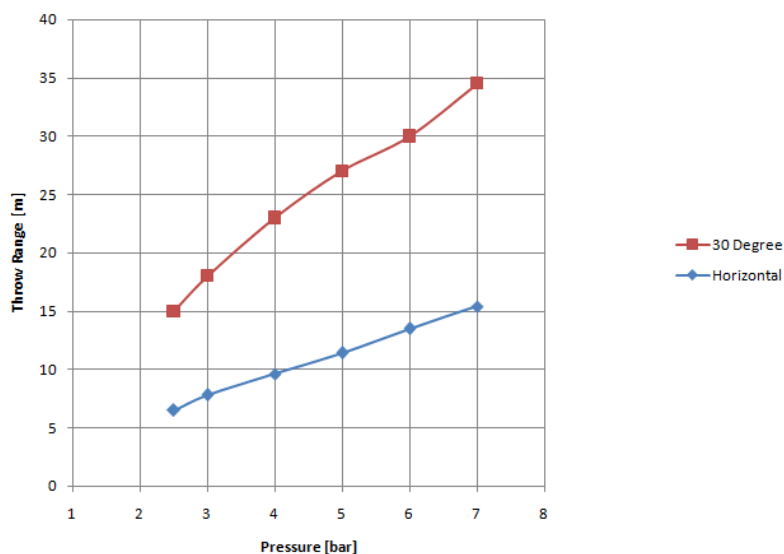
Flow Rate 3% [lt/min]



Suction 3% [lt/min]



Throw Range [mt] - all models



Performances here presented have been achieved with controlled water supply, at the presence of Lloyd's Register Inspector.

Low Expansion Branchpipe mixer 6%

Code	Description
82116	Branchpipe connection 1½" BSP
82116_2	Branchpipe connection 2" BSP
82116_31	Branchpipe with coupling STORZ 52C LUG 66 Aluminum
82116_32	Branchpipe with coupling STORZ 65 LUG 81 Aluminum
82116_34	Branchpipe with coupling STORZ 52C LUG 66 Brass
82116_35	Branchpipe with coupling STORZ 65 LUG 81 Brass
82116_50	Branchpipe with ball valve and coupling UNI45 Brass
82116_51	Branchpipe with ball valve and coupling STORZ 52C LUG 66 Aluminum

Low Expansion Branchpipe mixer 6%

Code	Description
82116_52	Branchpipe with ball valve and coupling STORZ 65 LUG 81 Aluminum
82116_53	Branchpipe with ball valve and coupling STORZ 75B LUG 89 Aluminum
82116_54	Branchpipe with ball valve and coupling STORZ 52C LUG 66 Brass
82116_55	Branchpipe with ball valve and coupling STORZ 65 LUG 81 Brass
82116_56	Branchpipe with ball valve and coupling STORZ 75B LUG 89 Brass
82116_57	Branchpipe with ball valve and coupling BS 336 Aluminum
82116_58	Branchpipe with ball valve and coupling BS 336 Brass

For branchpipe with mixer 3%, you have to order with code 82117 (main code) , but you have to add the extension for the one that you need (example: branchpipe with connection 2" code 82117_2).

Foam MED approved by RINA

Code	Description
33126_20	Foam Fluoproteinic 6% can 20L
33124_02	Foam AFFF 6% can 20L
33131_20	Foam Fluoproteinic 3% can 20L
33110_02	Foam AFFF 3% can 20L

