

### Features

Flow range 1000-8000 lpm  
Good foaming properties  
Long throw range

### Description

The LS fixed foam/water branch pipe, is an air aspirating discharge device designed for use in fixed or semi-fixed foam fire protection system. The LS is available 2" up to 4" body size and has a treaded inlet. With flow rates up to 8000 lpm, it will cover our complete Vidar range.

### Application

The LS fixed foam/water branch pipe, is suitable for use with any foam proportioning system such as bladder tanks, foam pump or inductor systems in applications such as:

- Petrochemical plants
- Tank storage farms
- Loading/unloading areas



### Operation

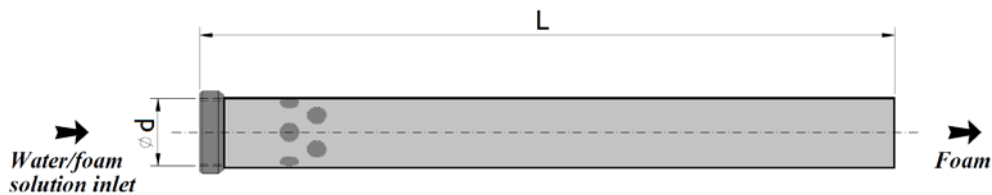
The LS fixed foam/water branch pipe is connected to the monitor. As soon as water/foam is introduced at a pressure around 5 bar, the air suction will create expanded foam.

### Material overview

Body: stainless steel AISI 316  
Nozzle material: light anodized aluminium  
Maximum work pressure: 12 bar

### Options

Nozzle material: brass  
Connection types: Storz, BS336, NH, Flanged



### Technical data

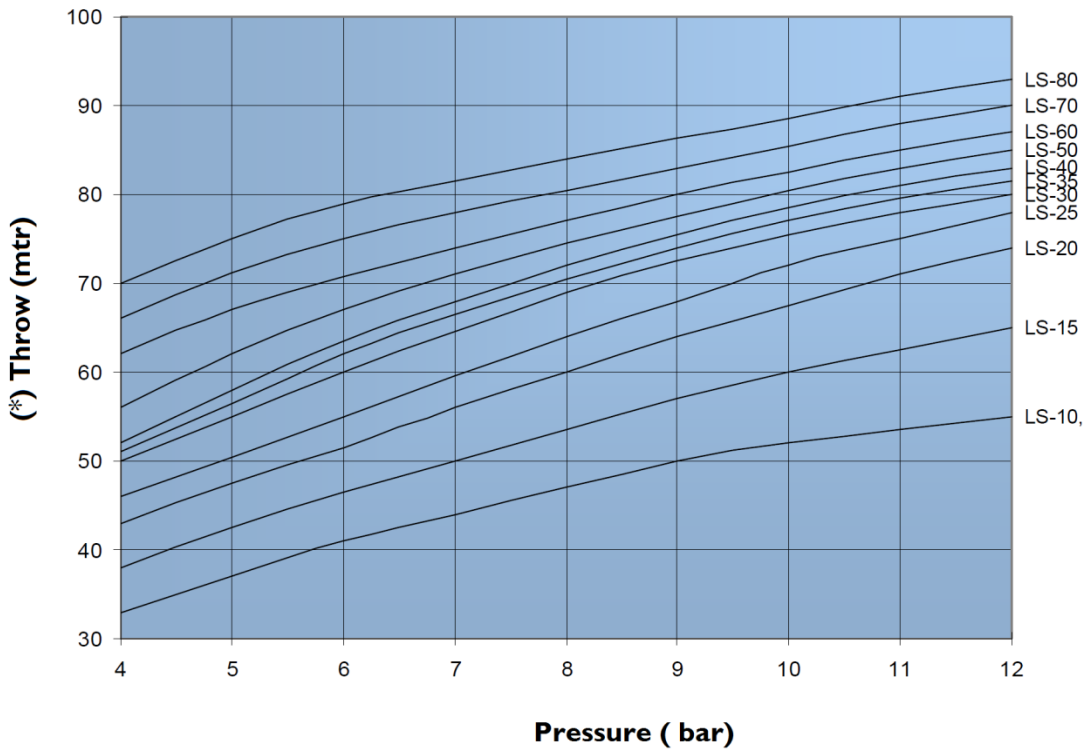
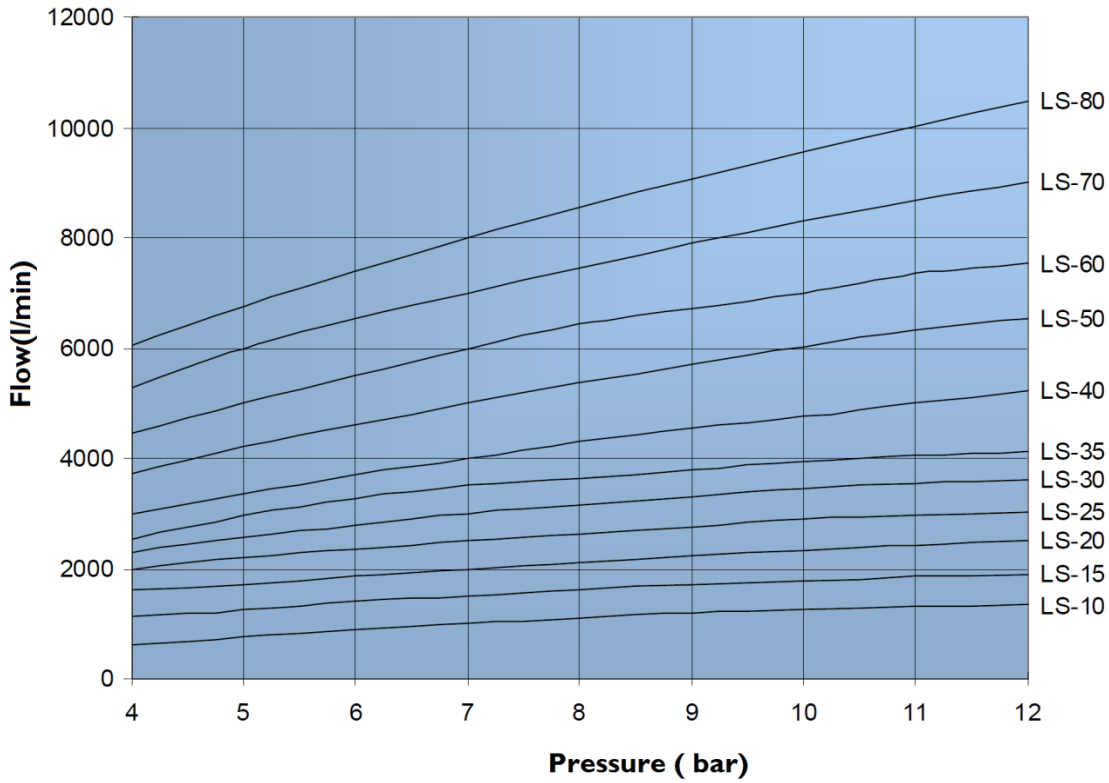
Model	Ø D (mm)	L (mm)	Flow rate l/min.-7 bar	Foam production (1) (2) (3) l/min. - 7 bar	Throw mtr-7bar	Weight Kg
LS-10	2½"	1200	1000	6000	44	9
LS-15	2½"	1200	1500	9000	50	9
LS-20	2½" or 3"	1200	2000	12000	56	9
LS-25	3" or 4"	1200	2500	15000	60	9
LS-30	3" or 4"	1500	3000	18000	63	12
LS-35	3" or 4"	1500	3500	21000	66	12
LS-40	3" or 4"	1600	4000	24000	68	12
LS-50	4"	1600	5000	30000	72	15
LS-60	4"	1600	6000	36000	74	15
LS-70	4"	1600	7000	42000	78	15
LS-80	4"	1600	8000	48000	82	15

(1) Expansion ratio: 6:1 at 7 bar

(2) The expansion ratio understands with fresh air, or different indication of foam producer

(3) Depending on foam concentrate type

**Performance data**



(\*) Depending on the type and quality of foam product

Note: Distance is the maximum reach, with windstill conditions, under a 32 degr. horizontal angle