

Features

Suitable for use with Vidar monitor
Rugged construction
IP55 or ATEX version
Excellent throw range
Wide range of materials

Description

The Vile E electrical operated foam/water nozzle is suitable for use with Vidar range monitor. Vile E is available with 3" or 4" BSP thread with flow rates up to 8000 lpm.

Construction features

- Electric motors: three phase 230 V or 400 V – 0,18Kw-IP55
- Required electrical power: 0,18-0,25Kw
- Finish: red epoxy paint (RAL 3000)

Application

The Vile E electrical operated nozzle is a fog/jet nozzle for use in water or foam applications.

Vile E is recommended for use with following foam types:

- Protein, FP or FFFP 3% or 6%
- AFFF 3% or 6%
- AFFF ARC or FFFP ARC 3x3 or 3x6
- Multi-purpose foam

Operation

The nozzle can be mounted to any monitor or outlet with corresponding thread size. The ideal operating pressure is 7 bar at the nozzle inlet. The electrical motor on Vile E nozzle allows the spray pattern to be adjusted under operating from full jet to fog with up to 120 degree spray pattern. After using foam solution, flush it with water.

Technical data

Model	A mm	Ø D BSP	Flow rate l/min.-7 bar	Material	Weight Kg
VILE E A-5-25	167	3"	500-2500	aluminium	13
VILE E B-5-25	167	3"	500-2500	brass	16
VILE E S-5-40	165	3" + 4"	1000-4000	stainless steel AISI 316	18
VILE E S-10-80	200	3" + 4"	3000-8000	stainless steel AISI 316	20



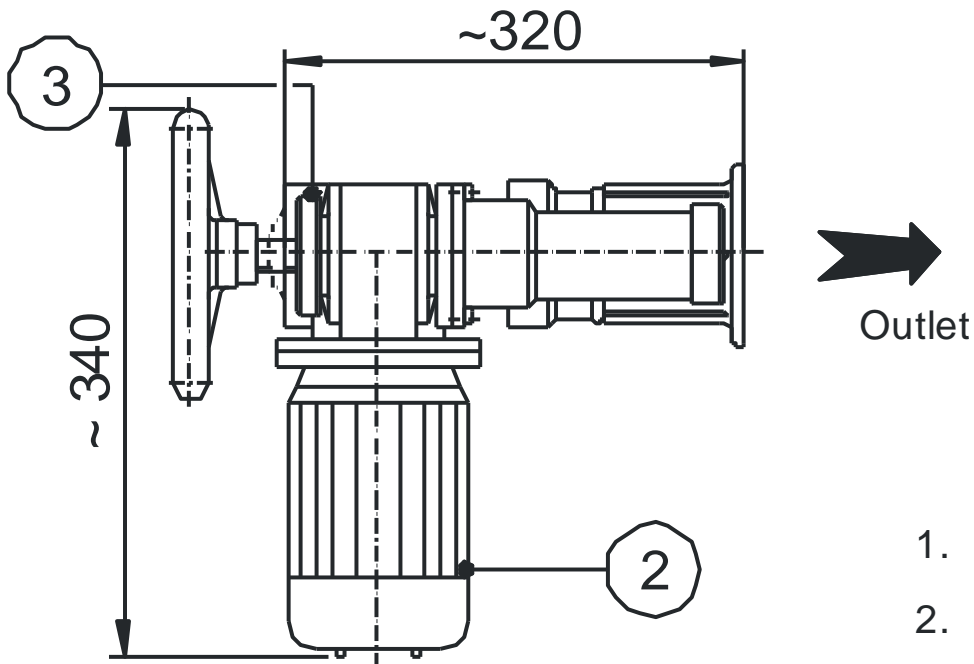
Options

- Nozzle material: aluminium / brass / stainless steel
- Different flow rate calibrations
- Encoder for programmable automatic fog/jet patterns
- Safety hand wheel
- End-stroke switch
- Explosion - proof versions
- Three or single-phase electric motors with different voltages

NOTES:

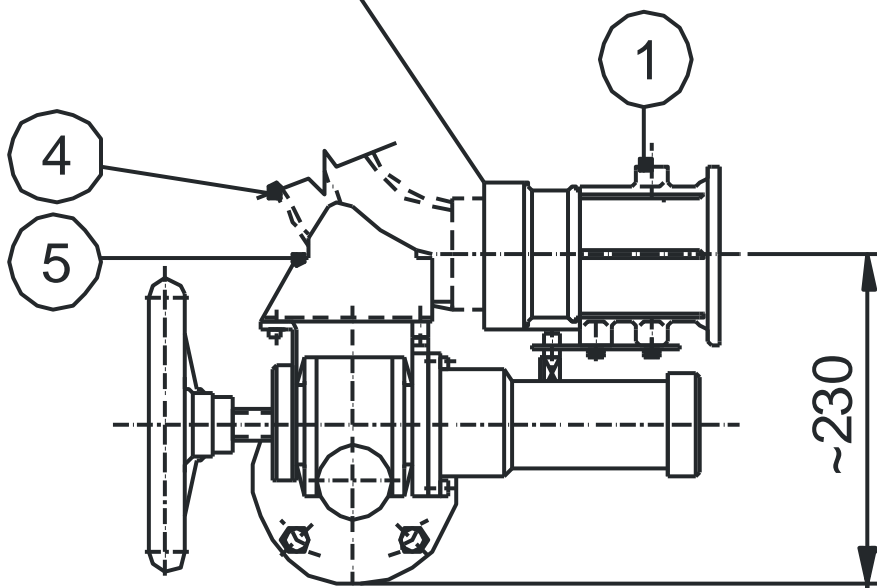
Flow range settings available for each model shown in table below. Throw range and spray pattern diagrams are shown separately below.

Dimensions are in mm



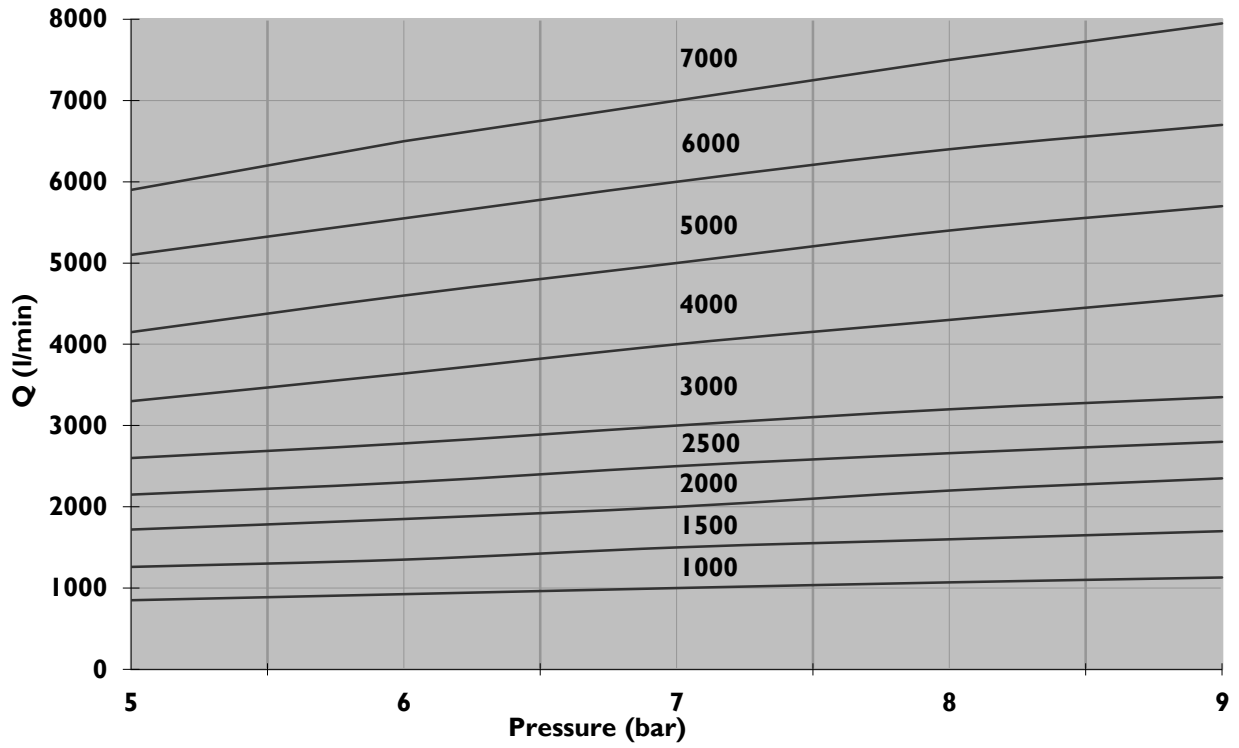
1. Vile nozzle
2. Electric motor
3. Reduction gear
4. Monitor body
5. Support

ØD (thread)

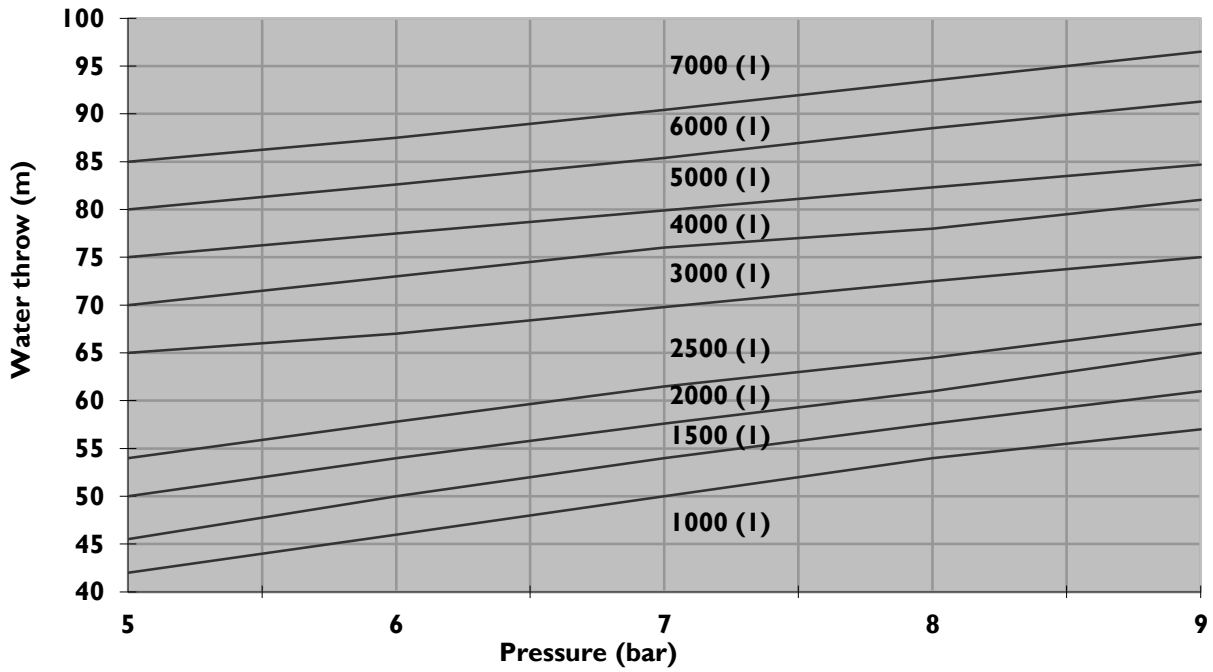


Vile E 5-25 (500 to 2500 lpm) aluminium (optional brass) versions. Vile E 10-80 (1000 to 8000 lpm) stainless steel versions

Flow diagram VILE

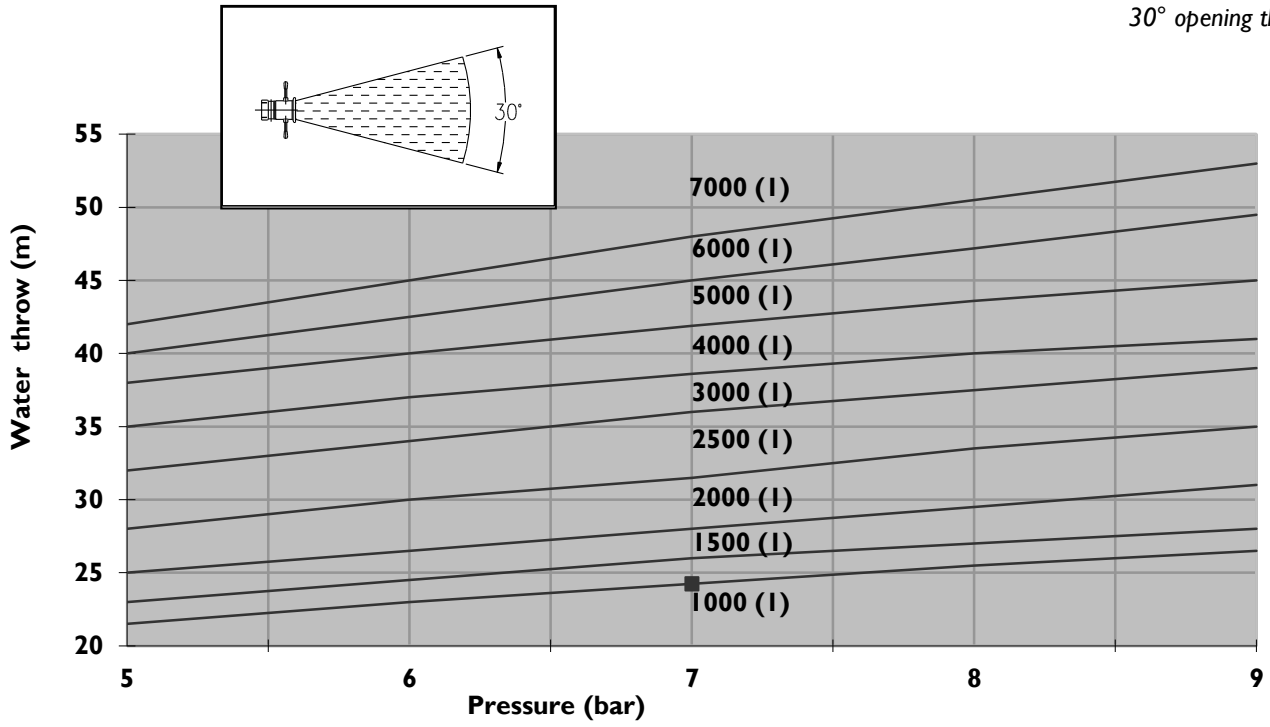


Straight stream throw VILE

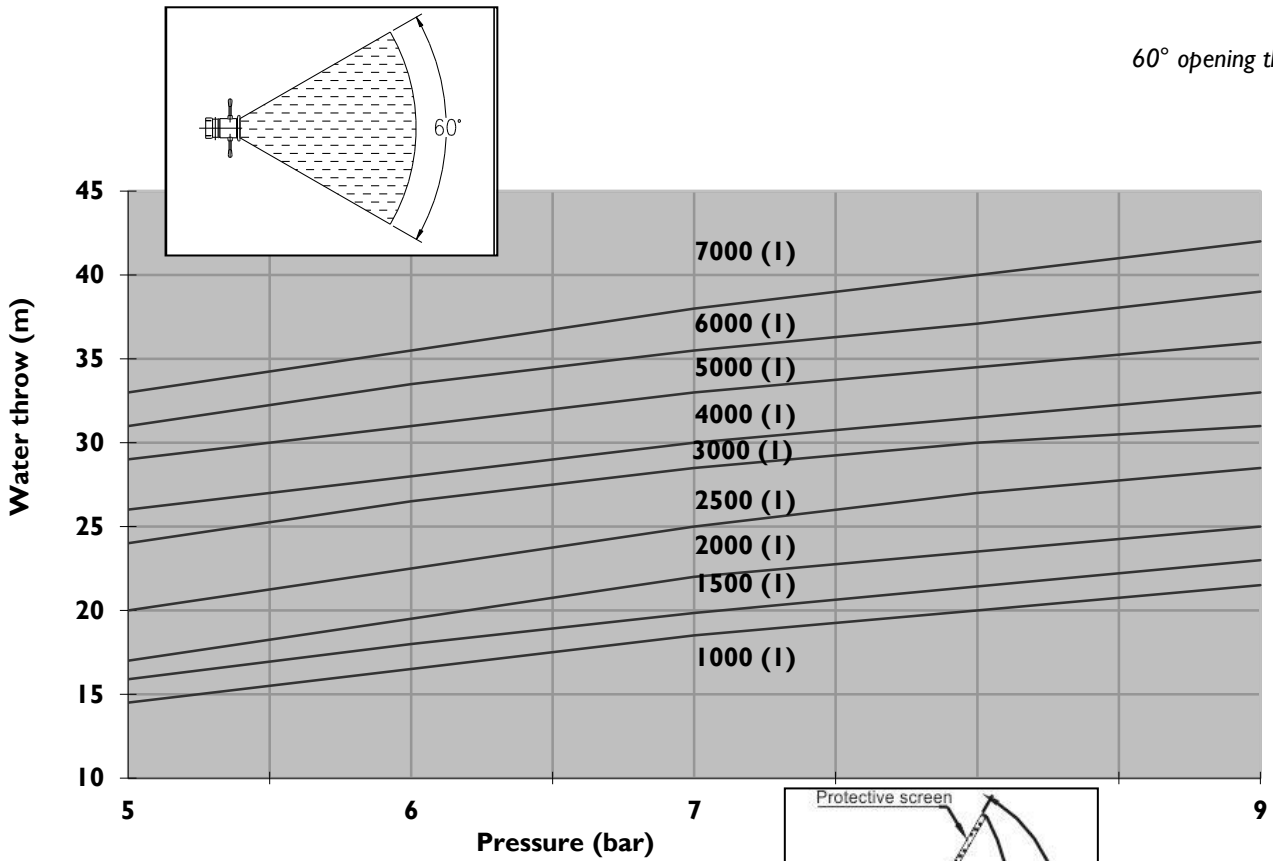


(l) Rated flow (l/min.-7 bar).

30° opening throw



60° opening throw



(l) Rated flow (l/min.-7 bar).
Performance at maximum opening (at 7 bar)

