

# Cleaning nozzle



CE I 935/2004

**Model 8082****Beam jet cleaning nozzle - Free rotation  
316L stainless steel**

## Specifications

**Connection:** Pin joint 3/4", clamp 1",  
female 3/8"

**Pressure:** 2 to 3 bar

**Max. Temperature:** +140°C

**Material:** 316L stainless steel / PEEK  
(for the parts that can come into contact with  
the transported fluid)

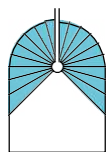
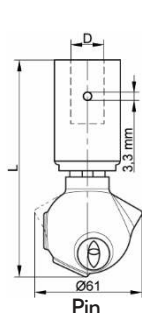
On request:

- Pin 1"
- NPT connection
- ATEX version



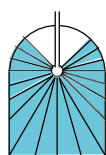
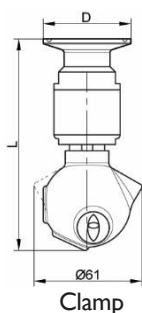
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810 287 Tel. N°: +33 (0)4 78 90 48 22 – Fax: +33 (0)4 78 90 69 59 – [www.bene-inox.com](http://www.bene-inox.com) – [bene@bene-inox.com](mailto:bene@bene-inox.com)

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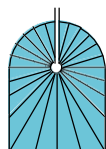
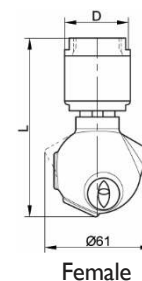
### 270° Spray - Top

Connection:	D (mm)	L (mm)	Max. tank Ø (m)	Flow rate at 2 bar (l/min)	Weight (kg)	Part number
Pin 3/4"	19.2	132	2.6	97	0.46	<b>680821-075G</b>
Clamp 1"	50.4	125	2.6	97	0.46	<b>680821-100C</b>
Female 3/8" BSP	38	105	2.6	97	0.46	<b>680821-038F</b>



### 270° Spray - Bottom

Connection:	D (mm)	L (mm)	Max. tank Ø (m)	Flow rate at 2 bar (l/min)	Weight (kg)	Part number
Pin 3/4"	19.2	132	2.6	97	0.46	<b>680822-075G</b>
Clamp 1"	50.4	125	2.6	97	0.46	<b>680822-100C</b>
Female 3/8" BSP	38	105	2.6	97	0.46	<b>680822-038F</b>



### 360° Spray

Connection:	D (mm)	L (mm)	Max. tank Ø (m)	Flow rate at 2 bar (l/min)	Weight (kg)	Part number
Pin 3/4"	19.2	132	3.0	145	0.46	<b>680823-075G</b>
Clamp 1"	50.4	125	3.0	145	0.46	<b>680823-100C</b>
Female 3/8" BSP	38	105	3.0	145	0.46	<b>680823-038F</b>

### Washing class: 3

You can install the cleaning nozzle in any direction (e.g. horizontally, vertically, at 45° etc.)

If you install the nozzle horizontally it will not rotate at a pressure below 2 bar

This nozzle complies with the FDA and EC Directive 1935/2004

Material that can come into contact with the transported fluids: PEEK - Rulon 641

Recommended pressure: 2 to 3 bar

Flow rate at 2 bar: 48 to 145 l/min Max.

allowed temperature: 140°C

Recommended filtration level: 0.1 mm mesh

Pin connection dimensions comply with ASME BPE The 316L

stainless steel pin is supplied with the nozzle

You can use cleaning foam with this nozzle (please contact us for more information)

On request:

- Pin 1"
- NPT connection
- ATEX version
- You can optimise water use by choosing different max. tank Øs: 1.8m and 2.1m

## Assembly and maintenance instructions

### Installation

You can install the nozzle in any position.

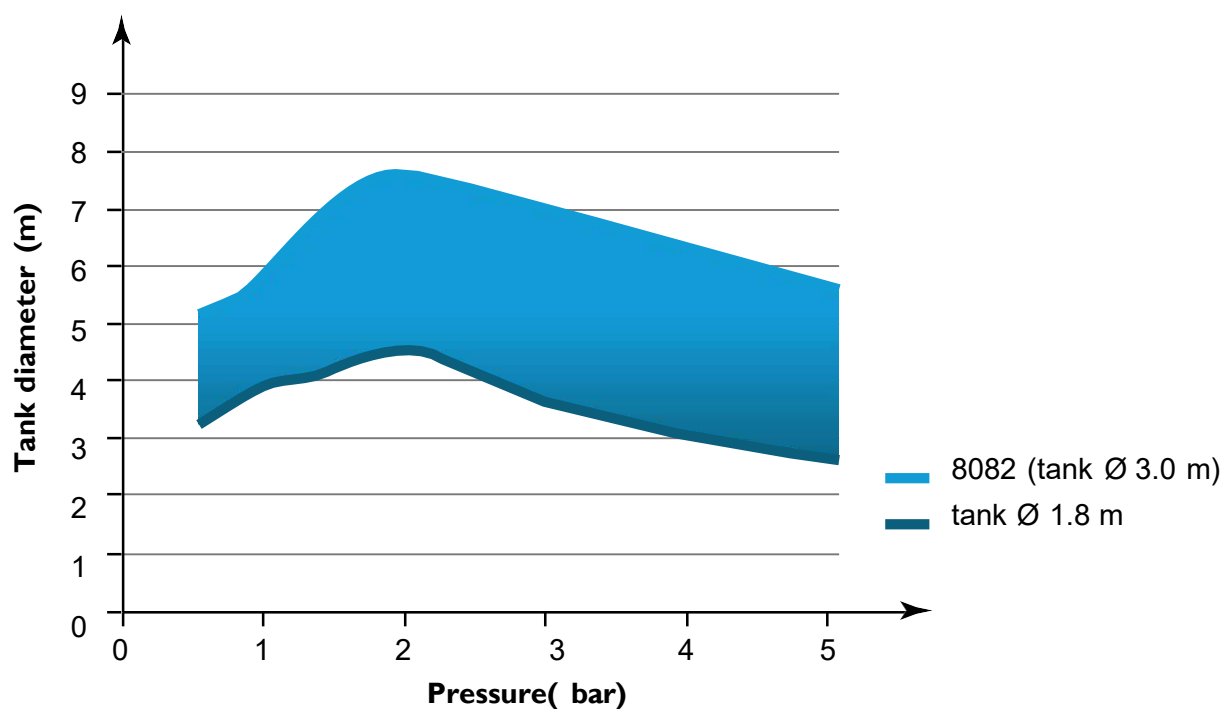
Check that there is enough space for the nozzle head to rotate freely and to carry out maintenance operations where you are planning to install the nozzle.

**You must install a filter element in the piping that takes fluid into the cleaning nozzle.**  
**You must use a maximum mesh size of 0.1 mm / 170 mesh.**

Check that all piping is perfectly aligned and that the piping support structure is dimensioned so that the nozzle is not subject to any external stresses. The piping support structure must only support the pipes, not the nozzle.

Pressure test the installation according to the relevant standards (e.g. EN 12266-1), but do not exceed the nozzle's specifications.

### Optimal cleaning according to tank diameter



### Maintenance

The nozzle does not require any specific maintenance if it is used in normal operating conditions.