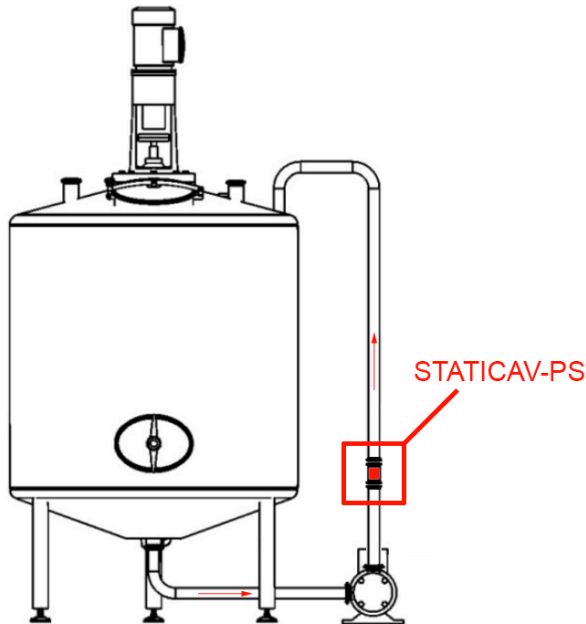


STATICAV-PS – STATIC CAVITATIONAL ELEMENT FOR SUSPENSIONS

STATICAV-PS is a static cavitation element: the fluid or the suspension is forced through the STATICAV-PS at a pressure high enough to generate controlled cavitation.

The fluid or suspension is subjected to shear stresses, turbulence and cavitation, resulting in micromixing and solid disintegration.



The STATICAV-PS is simply installed inline in a loop with a tank and a pump when multiple passages into the cavitation element are needed to obtain the desired product.

STATICAV-PS specifications

Materials: AISI 316, INOX alloy of special composition (anti erosion)

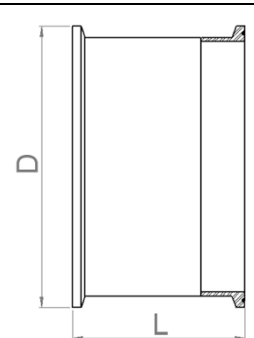
Operative pressure range: 2 – 5 barg

Max working pressure: 10 bar

Max working temperature: 150 °C

Minimum gap inside the cavitation element: 24 mm

STATICAV-PS Models

	TYPE	INLET/OUTLET	DIMENSIONS
	STATICAV-PS-DN100	Clamp ISO 2852 DN 100	D = 130 mm L = 112 mm
	STATICAV-PS-DN125	Clamp ISO 2852 DN 125	D = 155 mm L = 112 mm
	STATICAV-PS-DN150	Clamp ISO 2852 DN 150	D = 183 mm L = 112 mm
	STATICAV-PS-DN200	Clamp ISO 2852 DN 200	D = 233,5 mm L = 112 mm

STATICAV-PS curves

Medium: water at 25 °C

