

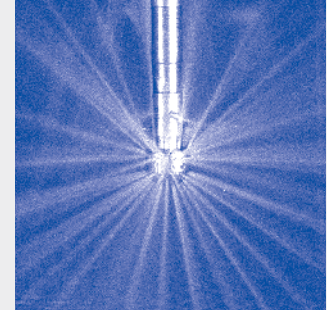


Static spray balls Series 527

Series 527

Series 527 complies with 3-A® standards and makes this product suitable for hygienic applications. They clean with powerful solid jets, have a high surface quality and are also reliably resistant to high temperatures.

FDA
compliant



Max. tank diameter [ft]

0

5

10

15

20

25

30



Material

Stainless steel
AISI 316L



Max. temperature

400°F/ 200°C



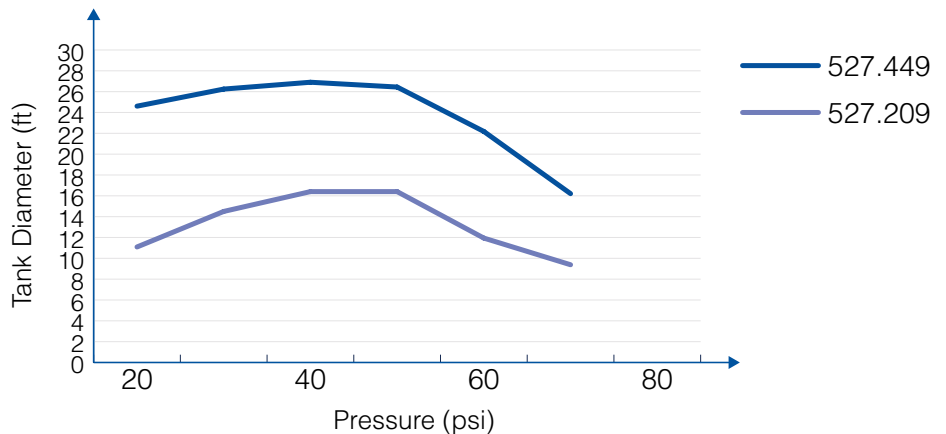
Recommended operating pressure

20 psi

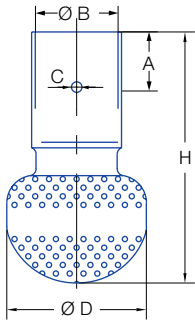


Installation



Operates in every direction



Overview of the tank diameter, depending upon the pressure of series 527



**Slip-on connection
ASME - BPE 1997 (OD-Tube)**

Spray angle 	Ordering no.	Free Passage (in.)	Flow Rate (Gallons Per Minute)					Dimensions approx. (in.)					Max. tank diameter [ft]
			20 psi	25 psi	2 bar	40 psi	60 psi	Height H (in.)	Diameter D (in.)	B	C	A	
	527. 209. 1Y. 00. 75	.031	14	15	60	19	23	2.5	1.3	.75	.13	.50	17
	527. 289. 1Y. 01. 50	.043	36	40	170	50	62	4.6	2.6	1.51	.19	1.00	20
	527. 449. 1Y. 02. 00	.067	89	100	420	127	155	6.0	4.0	2.01	.19	1.00	27

The maximum tank diameter shown above applies for the recommended operating pressure and is indicative only. The cleaning result is also affected by the type of soiling.

Information on operation

In most applications, static spray balls do not deliver the same cleaning power as rotating nozzles, however, they do have advantages that make them indispensable for certain tasks:

- No moving parts
- Self-draining
- Easy to inspect
- Proven use in hygienically sensitive environments

If for some reason, a rotating nozzle should stop turning, parts of the tank may remain uncleaned. This will not happen with spray balls. However, gaps can occur in the spray pattern if individual openings are blocked with soil.

Compared to rotating nozzles, static spray balls usually need two to three times the amount of liquid.

Slip-on information

- R-clip made of stainless steel AISI 316L is included.
- Depending on diameter of the adapter the flow rate can increase due to leakage between the connection and static spray ball.