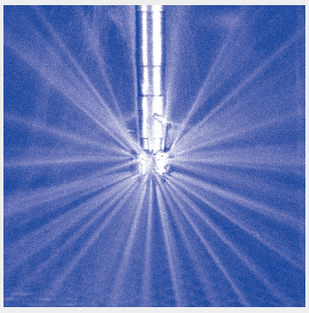
Static spray balls
Series 527

Series 527

The 3A® certification also makes the products of series 527 suitable for areas with the highest of hygiene requirements. They clean with powerful solid jets, have a high surface quality and are also reliably resistant to high temperatures.





Max. tank diameter [m]

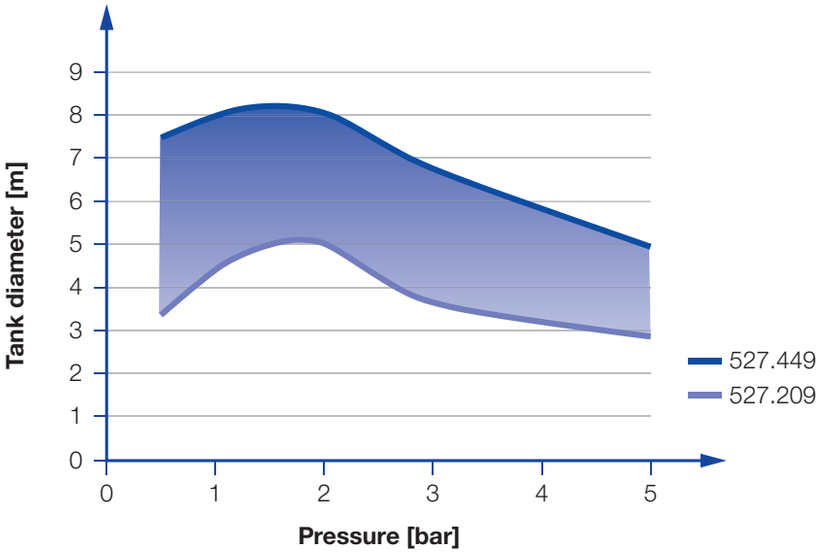
0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9

Material
Stainless steel
316L SS

Max. temperature
200 °C

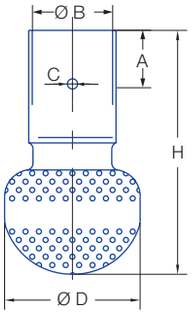
Recommended operating pressure
1.5 bar

Installation
Operation in every direction is possible



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

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Dimensions slip-on connection according to ASME-BPE (OD-tube)

Spray angle	Ordering number Type	E Ø [mm]	V̇ [l/min] p [bar] (p_{max} = 5 bar) 1	2	3	5	at 40 psi [US gal./ min]	Dimensions approx. [mm] Height H [mm]	Dia-meter D [mm]	B	C	A	Max. tank diameter [m]
360°	**527.209.1Y.00.75**	0.8	42	60	73	95	19	68	32	19.0	3.3	12.7	5.2
	527.289.1Y.01.50	1.1	120	170	208	269	50	116	65	38.3	4.9	25.4	6.0
	527.449.1Y.02.00	1.7	297	420	514	664	127	152	102	51.0	4.9	25.4	8.2

E = Narrowest free cross-section

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, anyway 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

Should a rotating nozzle stop turning for some reason, parts of the tank may remain uncleaned. This cannot 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 316L SS is included.
- Depending on diameter of the adapter the flow rate can increase due to leakage between connecting pipe and static spray ball.

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