



Static spray balls Series 540/541



- Compact design
- Effective solid jets
- Also to use with saturated steam

Materials:
303 SS



Max. temperature:
200 °C

Recommended operating pressure:
3 bar

Installation:
Operation in every direction possible

For additional spray balls please refer to our brochure "Precision Spray Nozzles for Tank and Equipment Cleaning"



Spray angle 	Ordering number Type	E Ø [mm]	V̇ [l/min]					Max. tank diameter [m]
			p [bar] (p _{max} = 10 bar)					
			0.5	1	2	3	at 40 psi [US gal./ min]	
240° 	540.909.16	0.8	9	13	18	22	6	6.5
	540.989.16	1.0	14	20	28	34	9	7.0
	541.109.16	1.5	29	40	57	70	18	7.5
	541.189.16	2.0	45	64	90	110	28	8.3
	541.239.16	2.3	59	83	118	145	37	9.5

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.

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.