

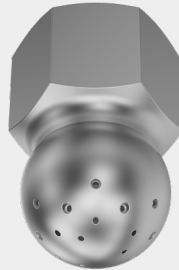
Static spray balls

Series 540/541



Features:

- Robust and especially compact design
- Threaded connection
- Suitable for very high temperatures
- Also suitable for steam and air operation



Function video
www.lechler.com/de-en/medialibrary/videos-general-industry
 Or scan the QR code.

Series 540/541

Technical data:



Maximum operating temperature
 200 °C



Maximum ambient temperature
 250 °C



Installation
 Operation in every installation position



Bearing
 Static – no bearing



Material
 Stainless steel
 1.4305 (303)



Weight
 90–100 g



Surface quality
 $\sqrt{Ra} \leq 6.3 \mu m$
 OUTSIDE



Surface quality
 $\sqrt{Ra} \leq 6.3 \mu m$
 INSIDE



Steam suitability
 Suitable



Insertion diameter
 31 mm



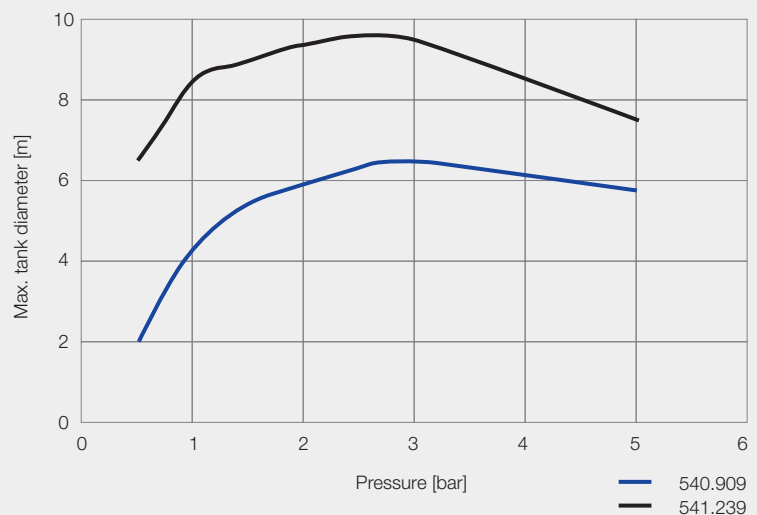
Recommended filter
 Smaller than the narrowest cross-section



Recommended operating pressure
 3 bar

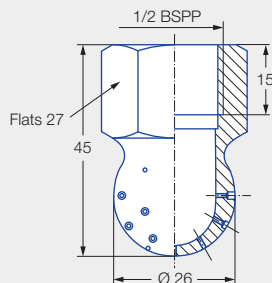


Max. tank diameter
 The specified maximum tank diameter applies to the recommended operating pressure and is indicative only. The type of soiling is also decisive for the cleaning result.

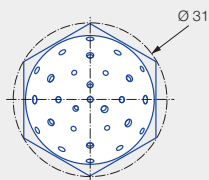


Overview of maximum tank diameter depending on pressure

Dimensions in mm.



Female thread



Insertion diameter

Spray angle	Ordering no.	Narrowest cross-section Ø [mm]	V̇ water [l/min]					V̇ water	Max. tank diameter [m]
	Type		p [bar] (p _{max} = 10 bar)						
			0.5	1.0	2.0	3.0	5.0	at 3 bar [m³/h]	
240° 	540.909.16	0.8	9	13	18	22	28	1.3	6.5
	540.989.16	1.0	14	20	28	34	44	2.0	7.0
	541.109.16	1.5	29	40	57	70	90	4.2	7.5
	541.189.16	2.0	45	64	90	110	142	6.6	8.3
	541.239.16	2.3	59	83	118	145	187	8.7	9.5

NPT threads on request.

Information on operation

Use above the recommended pressure will have a negative effect on the cleaning result and wear.