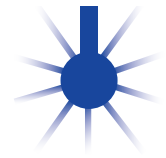


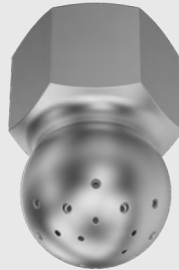
Static spray balls

Series 540/541



Features:













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




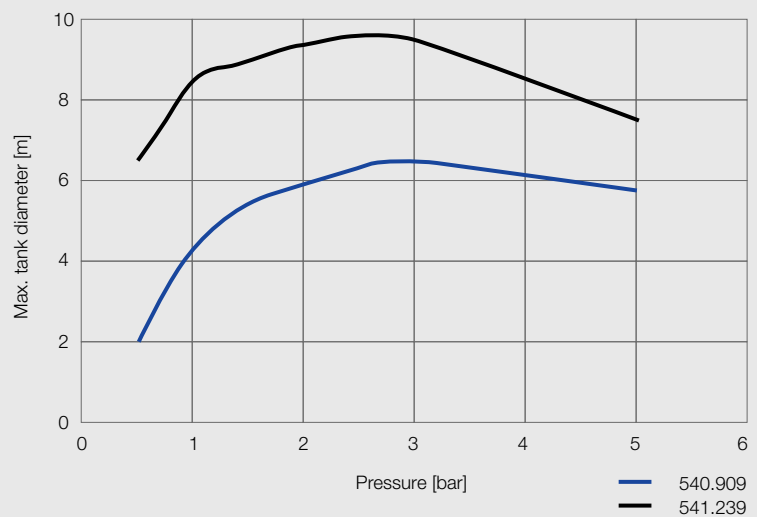
Function video
www.lechler.com/de-en/medialibrary/videos-general-industry
 Or scan the QR code.

Series 540/541

Technical data:

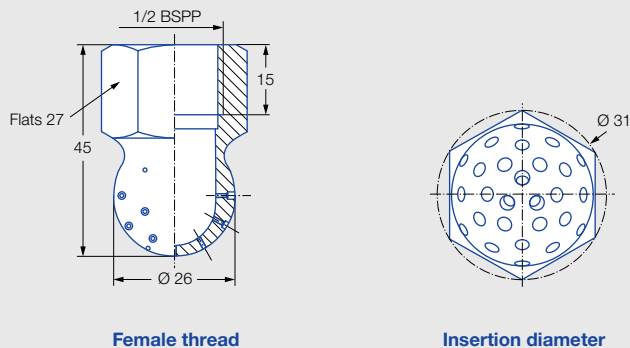
 Maximum operating temperature 200 °C	 Maximum ambient temperature 250 °C	 Installation Operation in every installation position	 Bearing Static – no bearing
 Material Stainless steel 1.4305 (303)	 Weight 90–100 g	 Surface quality √Ra ≤ 6.3 μm <small>OUTSIDE</small>	 Surface quality √Ra ≤ 6.3 μm <small>INSIDE</small>
 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.



Spray angle	Ordering no.	Narrowest cross-section \varnothing [mm]	\dot{V} water [l/min]					\dot{V} 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 [m ³ /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.