

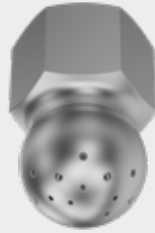
Static spray balls

Series 540/541

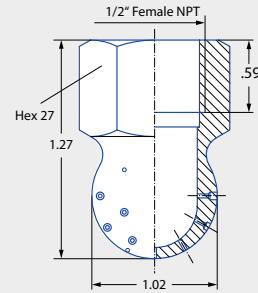


Features:

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



Series 540/541



Female thread



Technical data:



Maximum operating temperature
392 °F



Maximum ambient temperature
482 °F



Installation
Operation in every installation position



Bearing
Static – no bearing



Material
Stainless steel
1.4305 (303)



Weight
.20–.22 lbs



Surface quality
≤ 6.3 μm
OUTSIDE



Surface quality
≤ 6.3 μm
INSIDE



Steam suitability
Suitable




Insertion diameter
1.22 in



Recommended filter
Smaller than the narrowest cross-section



Recommended operating pressure
45 psi

Spray angle	Ordering number		Narrowest free cross section Ø [in]	V̇ water [gal/min]						Max. tank diameter [ft]
	Type	Connection 1/2" Female NPT		p [psi] (p _{max} = 145 psi)						
				7	15	30	45	Liters per min. 3 bar	75	
240° 	540.909.16	BH	0.031	2.33	3.41	4.83	5.81	22	7.63	21
	540.989.16	BH	0.039	3.60	5.27	7.46	9.13	34	11.79	23
	541.109.16	BH	0.059	7.42	10.86	15.35	18.81	70	24.28	25
	541.189.16	BH	0.079	11.66	17.06	24.13	29.55	110	38.15	27
	541.239.16	BH	0.091	15.36	22.49	31.81	38.95	145	50.29	31

BSPP thread available on request.

The maximum tank diameter applies to the recommended operating pressure and is meant as a recommendation only. The cleaning result is also affected by the type of soiling.