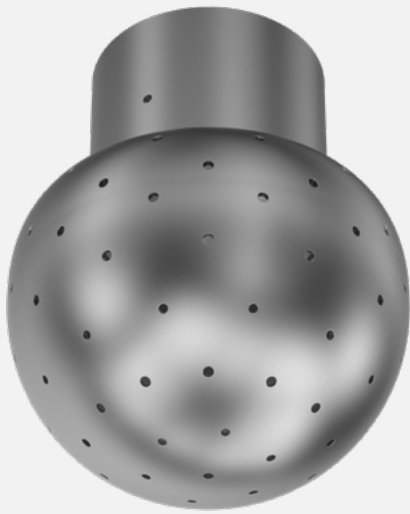


ENGINEERING  
YOUR SPRAY SOLUTION



**NEW**

**Static Spray Balls  
Series 5B2/5B3**



**RinseClean**

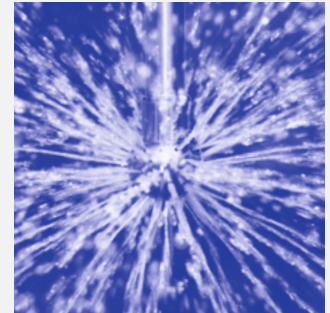
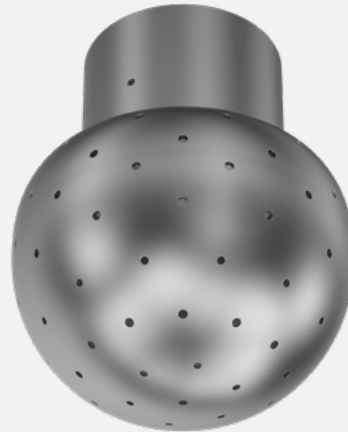
**Simply perfect.  
Proven technology in new quality.**

- No moving parts
- Self-draining
- Proven use in hygienically sensitive environments



**Series 5B2/5B3**

The spray ball design has proven itself in many applications. It can be used in areas with high hygienic requirements and high temperatures. Our RinseClean spray ball is available with various slip-on connections, as well as in threaded or welded versions.



Function video  
Scan the QR-code or go to:  
[www.lechler.de/StaticSprayBallGB](http://www.lechler.de/StaticSprayBallGB)

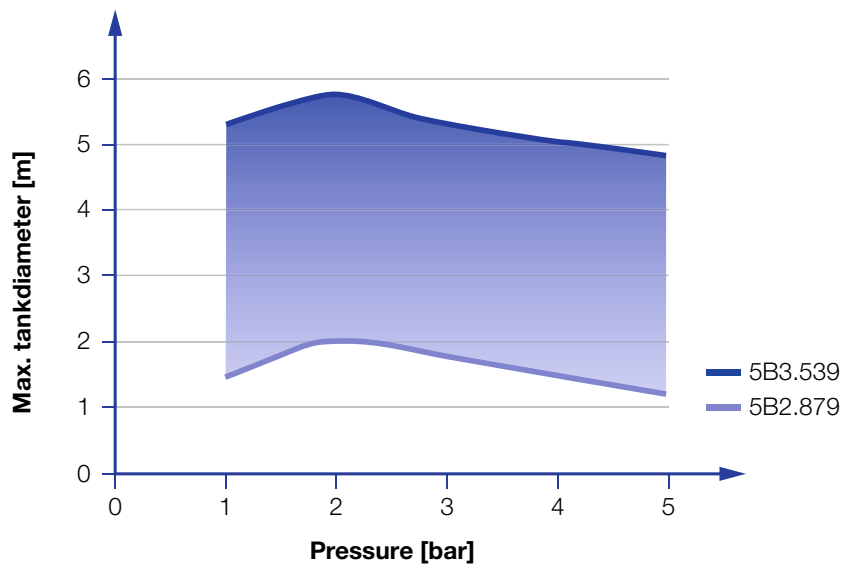


**Material**  
Stainless steel  
316L SS,  
R-clip: Stainless steel  
316L SS

**Max. temperature**  
200 °C

**Recommended operating pressure**  
2 bar

**Installation**  
Operation in every direction is possible

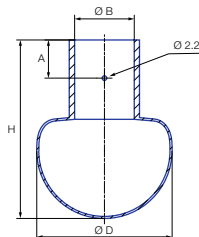


Overview of the tank diameter, depending upon the pressure of series 5B2/5B3



### Slip-on connection

With the slip-on connection, the spray ball is pushed onto the customer's connection pipe and secured with the supplied R-clip. Lechler offers the right connection sizes for the three most common pipe standards.



Dimensions slip-on connection according to DIN 10357

R-clip	Ordering no.
1	095.013.17.06.02.0
2	095.013.17.06.03.0
3	095.013.17.06.04.0
4	095.013.17.06.05.0
5	095.013.17.06.06.0

Spray angle	Ordering no. Type	E Ø [mm]	V̇ [l/min]					Dimensions [mm]					Max. tank diameter [m]
			p [bar] (p <sub>max</sub> = 5 bar)					Ø D	Height H	Con-connection B	Distance to bore hole A	R-clip	
			0.5	1	2	3	at 40 psi [US gal./min]						

#### Slip-on connection according to DIN EN 10357 series B (replaces DIN 11850 series 1)

360° 	<b>5B2.879.1Y.D0.80.0</b>	0.8	8	11	15	18	4.7	20	37	8.2	9	1	2.0
	<b>5B3.089.1Y.D1.20.0</b>	1.0	25	35	50	61	15.5	28	42	12.2	9	1	2.2
	<b>5B3.139.1Y.D1.20.0</b>	1.6	33	46	65	80	20.2	28	42	12.2	9	1	2.3
	<b>5B3.209.1Y.D1.80.0</b>	1.5	50	71	100	123	31.0	28	42	18.2	9	2	2.5
	<b>5B3.309.1Y.D2.20.0</b>	1.7	90	127	180	221	55.8	64	84	22.2	18	2	3.5
	<b>5B3.379.1Y.D2.80.0</b>	2.1	130	184	260	318	80.7	64	84	28.2	18	3	5.2
	<b>5B3.389.1Y.D4.00.0</b>	2.1	140	198	280	343	86.9	64	84	40.3	18	4	5.2
	<b>5B3.409.1Y.D3.40.0</b>	2.3	160	226	320	392	99.3	64	84	34.2	18	4	5.2
	<b>5B3.449.1Y.D2.80.0</b>	3.0	205	290	410	502	127.2	64	84	28.2	18	3	5.4
	<b>5B3.489.1Y.D3.40.0</b>	2.9	255	361	510	625	158.2	64	84	34.2	18	4	5.5
<b>5B3.499.1Y.D4.00.0</b>	2.8	270	382	540	661	167.5	64	84	40.3	18	4	5.5	
<b>5B3.539.1Y.D5.20.0</b>	3.2	335	474	670	821	207.8	90	111	52.3	25	5	5.6	
180° 	<b>5B3.083.1Y.D1.80.0</b>	1.2	25	35	50	61	15.5	28	42	18.2	9	2	2.2
	<b>5B3.253.1Y.D2.20.0</b>	1.8	65	92	130	159	40.3	64	84	22.2	18	2	3.0
	<b>5B3.323.1Y.D2.80.0</b>	2.3	100	141	200	245	62.0	64	84	28.2	18	3	3.5
	<b>5B3.463.1Y.D5.20.0</b>	3.3	230	325	460	563	142.7	90	111	52.3	25	5	5.4
180° 	<b>5B3.114.1Y.D1.80.0</b>	1.4	30	42	60	74	18.6	28	42	18.2	9	2	2.2
	<b>5B3.274.1Y.D2.20.0</b>	2.3	75	106	150	184	46.5	64	84	22.2	18	2	3.0
	<b>5B3.394.1Y.D2.80.0</b>	3.0	145	205	290	355	90.0	64	84	28.2	18	3	5.0
	<b>5B3.444.1Y.D5.20.0</b>	3.2	200	283	400	490	124.1	90	111	52.3	25	5	5.2

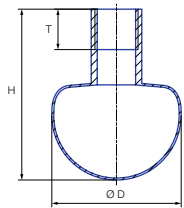
#### Slip-on connection according to DIN EN 10357 series A (replaces DIN 11850 series 2)

360° 	<b>5B3.149.1Y.D2.90.0</b>	0.9	35	50	70	86	21.7	64	84	29.2	18	3	2.3
	<b>5B3.299.1Y.D2.90.0</b>	1.5	83	117	165	202	51.2	64	84	29.2	18	3	3.2
	<b>5B3.359.1Y.D2.90.0</b>	1.9	115	163	230	282	71.3	64	84	29.2	18	3	5.0
	<b>5B3.399.1Y.D2.90.0</b>	2.2	150	212	300	367	93.1	64	84	29.2	18	3	5.2
	<b>5B3.429.1Y.D2.90.0</b>	2.6	180	255	360	441	111.7	64	84	29.2	18	3	5.2
	<b>5B3.539.1Y.D5.30.0</b>	3.2	335	474	670	821	207.8	90	111	53.3	25	5	5.6

#### Slip-on connection according to DIN EN 10357 series D (ASME BPE 1997, OD tube compatible)

360° 	<b>5B3.089.1Y.A1.00.0</b>	1.0	25	35	50	61	15.5	28	42	9.8	9	1	2.2
	<b>5B3.209.1Y.A1.90.0</b>	1.5	50	71	100	123	31.0	28	42	19.3	9	2	2.5
	<b>5B3.309.1Y.A1.90.0</b>	1.7	90	127	180	221	55.8	64	84	19.3	18	2	3.5
	<b>5B3.379.1Y.A2.60.0</b>	2.1	130	184	260	318	80.7	64	84	25.6	18	3	5.2
	<b>5B3.449.1Y.A3.80.0</b>	3.0	205	290	410	502	127.2	64	84	38.3	18	4	5.4
	<b>5B3.539.1Y.A5.10.0</b>	3.2	335	474	670	821	207.8	90	111	51.1	25	5	5.6

### Thread connection

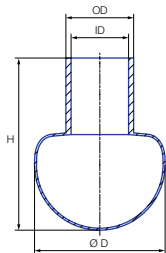


Spray angle	Ordering no. Type	Con- nection BSP	E Ø [mm]	V [l/min]					Dimensions [mm]			Max. tank diameter [m]
				p [bar] (p <sub>max</sub> = 5 bar)					Ø D	Height H	Screw-in length T	
				0.5	1	2	3	at 40 psi [US gal./min]				

### Thread connection

360°	Ordering no.	Con- nection	E Ø [mm]	8	11	15	18	at 40 psi [US gal./min]	Ø D	Height H	Screw-in length T	Max. tank diameter [m]
	<b>5B2.879.1Y.AA.00.0</b>	1/8 A	0.8	8	11	15	18	4.7	20	37	8	2.0
	<b>5B3.309.1Y.AH.00.0</b>	1/2	1.9	90	127	180	221	55.8	64	84	14	3.5
	<b>5B3.379.1Y.AN.00.0</b>	1	2.1	130	184	260	318	80.7	64	84	18	5.2
	<b>5B3.539.1Y.AW.00.0</b>	2	3.1	335	474	670	821	207.8	90	111	24	5.6

### Weld-on connection



Spray angle	Ordering no. Type	E Ø [mm]	V [l/min]					Dimensions [mm]			Max. tank diameter [m]
			p [bar] (p <sub>max</sub> = 5 bar)					Ø D	Height H	Dimensions of the connection piece	
			0.5	1	2	3	at 40 psi [US gal./ min]				

### Weld-on connection according to ISO 2037

360°	Ordering no.	E Ø [mm]	8	11	15	18	at 40 psi [US gal./ min]	Ø D	Height H	Dimensions of the connection piece	Max. tank diameter [m]
	<b>5B2.879.1Y.W1.20.0</b>	0.8	8	11	15	18	4.7	20	37	OD 12 ID10	2.0
	<b>5B3.089.1Y.W1.20.0</b>	1.0	25	35	50	61	15.5	28	42	OD 12 ID10	2.2
	<b>5B3.209.1Y.W1.70.0</b>	1.5	50	71	100	123	31.0	28	42	OD 17.2 ID15.2	2.5
	<b>5B3.309.1Y.W2.50.0</b>	1.7	90	127	180	221	55.8	64	84	OD 25 ID 22.6	3.5
	<b>5B3.379.1Y.W2.50.0</b>	2.1	130	184	260	318	80.7	64	84	OD 25 ID 22.6	5.2
	<b>5B3.449.1Y.W3.80.0</b>	3.0	205	290	410	502	127.2	64	84	OD 38 ID 35.6	5.4

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.

### Slip-on information

- R-clip made of stainless steel 316L SS is included.  
Ordering no.: See table on page 3
- Depending on diameter of adapter, the flow rate can increase due to leakage between connecting pipe and static spray ball.