



*Improving the Quality of Human Life  
through Meaningful Innovations!*

# Tank Cleaning Spray Heads & Nozzles

*Product Catalogue*



# Industry Sectors

*in focus...*

## Pharmaceuticals



## Bio-Pharmaceuticals & Drugs



## Fine & Specialty Chemicals



## Drinks & Beverages



## Food Processing



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The information herein is correct at the time of issue but may be subject to change without prior notice.

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## Cleaning Efficiency Class



# Drizzle™

## Rotating Spray Ball

### Series 6002

The New **Drizzle™** series of spray balls are further improved from their previous generation offering a good rinse at an economical value. The robust double ball-bearing stainless steel construction & optimized slot design ensures a good rinse on the equipment wall. Available in various sizes, flow rates & connection options, this series of spray ball is our most versatile product for a variety of equipment.



Cleaning Efficiency **Class 2**



#### Technical Data

##### Materials

Stainless steel 316L.

##### Pressure

Design pressure: 1 - 3 bar  
Recommended pressure: 2 bar

##### Spray pattern



360°



180° up



180° down

##### Design

Self-lubricating with cleaning liquid.

##### Surface finish (Standard)

Exterior: Ra 0.6 µm  
Interior: Ra 0.8 µm

##### Surface finish (Electo-polished)

Exterior: Ra 0.5 µm  
Interior: Ra 0.5 µm

##### Installation

Functions effectively in every position.

##### Bearing

Double ball bearing made of stainless steel 316L.

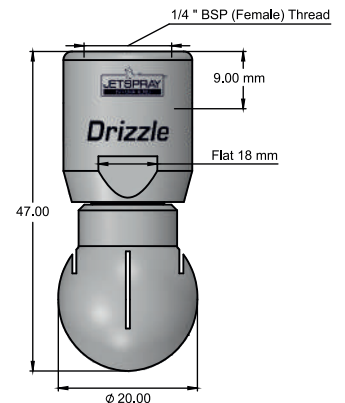
##### Filtration

Line strainer with a mesh size of 100 µm/ 0.1 mm.

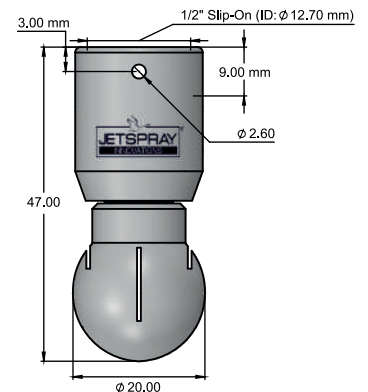
##### Temperature

Max. working temperature: 95°C  
Max. ambient temperature: 140°C

Spray Angle	Ordering Code	Flow [l/min] @ Pressure [Bar]			Connection	Spray Ø (m)
		1	2	3		
360°	6002.36.01.SS.14	11	15	19	1/4" BSP Thread	0.8
	6002.36.02.SS.14	13	19	23	1/4" BSP Thread	1.0
	6002.36.03.SS.14	21	29	36	1/4" BSP Thread	1.1
180° Up	6002.18U.01.SS.14	11	15	19	1/4" BSP Thread	0.8
	6002.18U.02.SS.14	13	19	23	1/4" BSP Thread	1.0
	6002.18U.03.SS.14	21	29	36	1/4" BSP Thread	1.1
180° Dn	6002.18D.01.SS.14	11	15	19	1/4" BSP Thread	0.8
	6002.18D.02.SS.14	13	19	23	1/4" BSP Thread	1.0
	6002.18D.03.SS.14	21	29	36	1/4" BSP Thread	1.1



Spray Angle	Ordering Code	Flow [l/min] @ Pressure [Bar]			Connection	Spray Ø (m)
		1	2	3		
360°	6002.36.01.SS.127	11	15	19	1/2" Slip-On	0.8
	6002.36.02.SS.127	13	19	23	1/2" Slip-On	1.0
	6002.36.03.SS.127	21	29	36	1/2" Slip-On	1.1
180° Up	6002.18U.01.SS.127	11	15	19	1/2" Slip-On	0.8
	6002.18U.02.SS.127	13	19	23	1/2" Slip-On	1.0
	6002.18U.03.SS.127	21	29	36	1/2" Slip-On	1.1
180° Dn	6002.18D.01.SS.127	11	15	19	1/2" Slip-On	0.8
	6002.18D.02.SS.127	13	19	23	1/2" Slip-On	1.0
	6002.18D.03.SS.127	21	29	36	1/2" Slip-On	1.1



Pin of stainless steel 316L supplied as standard with slip-on models.

The New **Drizzle™** series of spray balls are further improved from their previous generation offering a good rinse at an economical value. The robust double ball-bearing stainless steel construction & optimized slot design ensures a good rinse on the equipment wall. Available in various sizes, flow rates & connection options, this series of spray ball is our most versatile product for a variety of equipment.



Cleaning Efficiency **Class 2**



### Technical Data

#### Materials

Stainless steel 316L.

#### Pressure

Design pressure: 1 - 3 bar  
Recommended pressure: 2 bar

#### Spray pattern



#### Design

Self-lubricating with cleaning liquid.

#### Surface finish (Standard)

Exterior: Ra 0.6 µm  
Interior: Ra 0.8 µm

#### Surface finish (Electo-polished)

Exterior: Ra 0.5 µm  
Interior: Ra 0.5 µm

#### Installation

Functions effectively in every position.

#### Bearing

Double ball bearing made of stainless steel 316L.

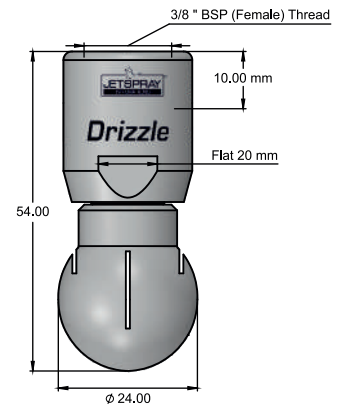
#### Filtration

Line strainer with a mesh size of 100 µm/ 0.1 mm.

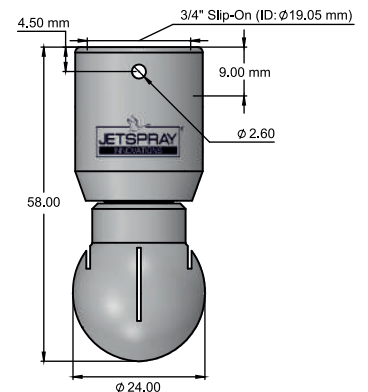
#### Temperature

Max. working temperature: 95°C  
Max. ambient temperature: 140°C

Spray Angle	Ordering Code	Flow [l/min] @ Pressure [Bar]			Connection	Spray Ø (m)
		1	2	3		
360°	6003.36.01.SS.38	11	15	19	3/8" BSP Thread	1.0
	6003.36.02.SS.38	13	19	23	3/8" BSP Thread	1.1
	6003.36.03.SS.38	21	29	36	3/8" BSP Thread	1.3
	6003.36.04.SS.38	28	39	48	3/8" BSP Thread	1.5
	6003.36.05.SS.38	35	49	60	3/8" BSP Thread	1.5
180° Up	6003.18U.01.SS.38	11	15	19	3/8" BSP Thread	1.0
	6003.18U.02.SS.38	13	19	23	3/8" BSP Thread	1.1
	6003.18U.03.SS.38	21	29	36	3/8" BSP Thread	1.3
	6003.18U.04.SS.38	28	39	48	3/8" BSP Thread	1.5
180° Dn	6003.18D.01.SS.38	21	29	36	3/8" BSP Thread	1.3
	6003.18D.02.SS.38	28	39	48	3/8" BSP Thread	1.5



Spray Angle	Ordering Code	Flow [l/min] @ Pressure [Bar]			Connection	Spray Ø (m)
		1	2	3		
360°	6003.36.01.SS.190	11	15	19	3/4" Slip-On	1.0
	6003.36.02.SS.190	13	19	23	3/4" Slip-On	1.1
	6003.36.03.SS.190	21	29	36	3/4" Slip-On	1.3
	6003.36.04.SS.190	28	39	48	3/4" Slip-On	1.5
	6003.36.05.SS.190	35	49	60	3/4" Slip-On	1.5
180° Up	6003.18U.01.SS.190	11	15	19	3/4" Slip-On	1.0
	6003.18U.02.SS.190	13	19	23	3/4" Slip-On	1.1
	6003.18U.03.SS.190	21	29	36	3/4" Slip-On	1.3
	6003.18U.04.SS.190	28	39	48	3/4" Slip-On	1.5
180° Dn	6003.18D.03.SS.190	21	29	36	3/4" Slip-On	1.3
	6003.18D.04.SS.190	28	39	48	3/4" Slip-On	1.5



Pin of stainless steel 316L supplied as standard with slip-on models.

The New **Drizzle™** series of spray balls are further improved from their previous generation offering a good rinse at an economical value. The robust double ball-bearing stainless steel construction & optimized slot design ensures a good rinse on the equipment wall. Available in various sizes, flow rates & connection options, this series of spray ball is our most versatile product for a variety of equipment.



Cleaning Efficiency **Class 2**



### Technical Data

#### Materials

Stainless steel 316L.

#### Pressure

Design pressure: 1 - 3 bar  
Recommended pressure: 2 bar

#### Spray pattern



360°



180° up



180° down

#### Design

Self-lubricating with cleaning liquid.

#### Surface finish (Standard)

Exterior: Ra 0.6 µm  
Interior: Ra 0.8 µm

#### Surface finish (Electo-polished)

Exterior: Ra 0.5 µm  
Interior: Ra 0.5 µm

#### Installation

Functions effectively in every position.

#### Bearing

Double ball bearing made of stainless steel 316L.

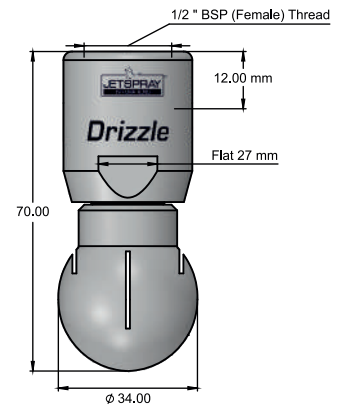
#### Filtration

Line strainer with a mesh size of 100 µm/ 0.1 mm.

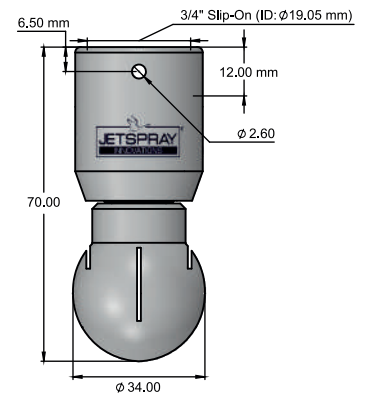
#### Temperature

Max. working temperature: 95°C  
Max. ambient temperature: 140°C

Spray Angle	Ordering Code	Flow [l/min] @ Pressure [Bar]			Connection	Spray Ø (m)
		1	2	3		
360°	6004.36.01.SS.12	21	29	36	1/2" BSP Thread	1.4
	6004.36.02.SS.12	28	39	48	1/2" BSP Thread	1.5
	6004.36.03.SS.12	35	49	60	1/2" BSP Thread	1.8
	6004.36.04.SS.12	42	59	73	1/2" BSP Thread	1.8
180° Up	6004.18U.01.SS.12	21	29	36	1/2" BSP Thread	1.4
	6004.18U.02.SS.12	28	39	48	1/2" BSP Thread	1.5
	6004.18U.03.SS.12	35	49	60	1/2" BSP Thread	1.7
	6004.18U.04.SS.12	42	59	73	1/2" BSP Thread	1.7
180° Dn	6004.18D.01.SS.12	35	49	60	1/2" BSP Thread	1.7
	6004.18D.02.SS.12	42	59	73	1/2" BSP Thread	1.7



Spray Angle	Ordering Code	Flow [l/min] @ Pressure [Bar]			Connection	Spray Ø (m)
		1	2	3		
360°	6004.36.01.SS.190	21	29	36	3/4" Slip-On	1.4
	6004.36.02.SS.190	28	39	48	3/4" Slip-On	1.5
	6004.36.03.SS.190	35	49	60	3/4" Slip-On	1.8
	6004.36.04.SS.190	42	59	73	3/4" Slip-On	1.8
180° Up	6004.18U.01.SS.190	21	29	36	3/4" Slip-On	1.4
	6004.18U.02.SS.190	28	39	48	3/4" Slip-On	1.5
	6004.18U.03.SS.190	35	49	60	3/4" Slip-On	1.7
	6004.18U.04.SS.190	42	59	73	3/4" Slip-On	1.7
180° Dn	6004.18D.01.SS.190	35	49	60	3/4" Slip-On	1.7
	6004.18D.02.SS.190	42	59	73	3/4" Slip-On	1.7



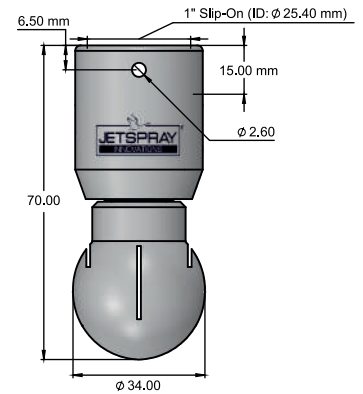
Pin of stainless steel 316L supplied as standard with slip-on models.

# Drizzle™

Rotating Spray Ball  
Series 6004

Spray Angle	Ordering Code	Flow [l/min] @ Pressure [Bar]			Connection	Spray Ø (m)
		1	2	3		
360°	6004.36.01.SS.254	21	29	36	1" Slip-On	1.4
	6004.36.02.SS.254	28	39	48	1" Slip-On	1.5
	6004.36.03.SS.254	35	49	60	1" Slip-On	1.8
	6004.36.04.SS.254	42	59	73	1" Slip-On	1.8
180° Up	6004.18U.01.SS.254	21	29	36	1" Slip-On	1.4
	6004.18U.02.SS.254	28	39	48	1" Slip-On	1.5
	6004.18U.03.SS.254	35	49	60	1" Slip-On	1.7
	6004.18U.04.SS.254	42	59	73	1" Slip-On	1.7
180° Dn	6004.18D.01.SS.254	35	49	60	1" Slip-On	1.7
	6004.18D.02.SS.254	42	59	73	1" Slip-On	1.7

Pin of stainless steel 316L supplied as standard with slip-on models.



# Drizzle™

## Rotating Spray Ball

### Series 6005

The New **Drizzle™** series of spray balls are further improved from their previous generation offering a good rinse at an economical value. The robust double ball-bearing stainless steel construction & optimized slot design ensures a good rinse on the equipment wall. Available in various sizes, flow rates & connection options, this series of spray ball is our most versatile product for a variety of equipment.



Cleaning Efficiency **Class 2**



### Technical Data

#### Materials

Stainless steel 316L.

#### Pressure

Design pressure: 1 - 3 bar  
Recommended pressure: 2 bar

#### Spray pattern



360°



180° up



180° down

#### Design

Self-lubricating with cleaning liquid.

#### Surface finish (Standard)

Exterior: Ra 0.6 µm  
Interior: Ra 0.8 µm

#### Surface finish (Electo-polished)

Exterior: Ra 0.5 µm  
Interior: Ra 0.5 µm

#### Installation

Functions effectively in every position.

#### Bearing

Double ball bearing made of stainless steel 316L.

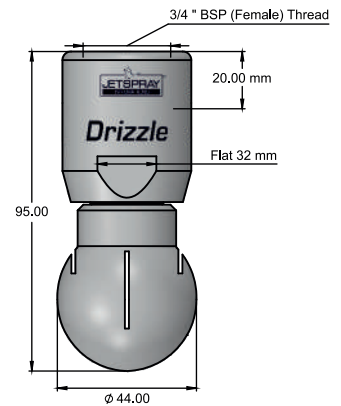
#### Filtration

Line strainer with a mesh size of 100 µm/ 0.1 mm.

#### Temperature

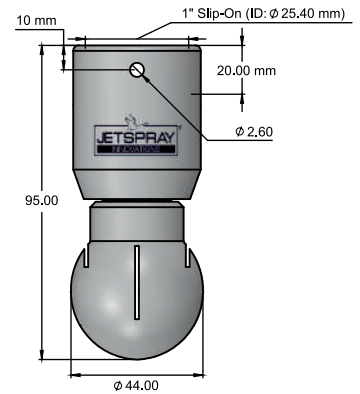
Max. working temperature: 95°C  
Max. ambient temperature: 140°C

Spray Angle	Ordering Code	Flow [l/min] @ Pressure [Bar]			Connection	Spray Ø (m)
		1	2	3		
360°	6005.36.01.SS.34	35	49	60	3/4" BSP Thread	2.1
	6005.36.02.SS.34	42	59	73	3/4" BSP Thread	2.1
	6005.36.03.SS.34	49	69	85	3/4" BSP Thread	2.3
	6005.36.04.SS.34	56	79	97	3/4" BSP Thread	2.5
	6005.36.05.SS.34	63	89	110	3/4" BSP Thread	2.5
	6005.36.06.SS.34	70	99	122	3/4" BSP Thread	2.6
	6005.36.07.SS.34	77	109	135	3/4" BSP Thread	2.6
	6005.36.08.SS.34	84	119	147	3/4" BSP Thread	2.6
	6005.36.09.SS.34	91	129	159	3/4" BSP Thread	2.7
	6005.36.10.SS.34	99	139	172	3/4" BSP Thread	2.7
6005.36.11.SS.34	106	149	184	3/4" BSP Thread	2.7	
180° Up	6005.18U.01.SS.34	35	49	60	3/4" BSP Thread	2.1
	6005.18U.02.SS.34	42	59	73	3/4" BSP Thread	2.1
	6005.18U.03.SS.34	49	69	85	3/4" BSP Thread	2.3
	6005.18U.04.SS.34	56	79	97	3/4" BSP Thread	2.5
	6005.18U.05.SS.34	63	89	110	3/4" BSP Thread	2.5
	6005.18U.06.SS.34	70	99	122	3/4" BSP Thread	2.6
180° Dn	6005.18D.01.SS.34	35	49	60	3/4" BSP Thread	2.1
	6005.18D.02.SS.34	42	59	73	3/4" BSP Thread	2.1
	6005.18D.03.SS.34	49	69	85	3/4" BSP Thread	2.3
	6005.18D.04.SS.34	56	79	97	3/4" BSP Thread	2.5
	6005.18D.05.SS.34	63	89	110	3/4" BSP Thread	2.5
	6005.18D.06.SS.34	70	99	122	3/4" BSP Thread	2.6



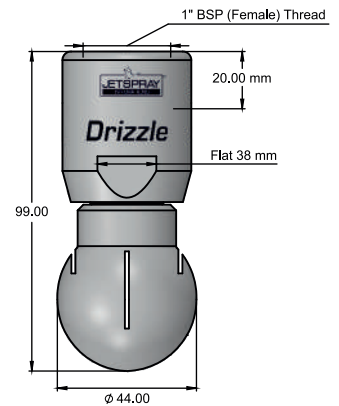


Spray Angle	Ordering Code	Flow [l/min] @ Pressure [Bar]			Connection	Spray Ø (m)
		1	2	3		
360°	6005.36.01.SS.254	35	49	60	1" Slip-On	2.1
	6005.36.02.SS.254	42	59	73	1" Slip-On	2.1
	6005.36.03.SS.254	49	69	85	1" Slip-On	2.3
	6005.36.04.SS.254	56	79	97	1" Slip-On	2.5
	6005.36.05.SS.254	63	89	110	1" Slip-On	2.5
	6005.36.06.SS.254	70	99	122	1" Slip-On	2.6
	6005.36.07.SS.254	77	109	135	1" Slip-On	2.6
	6005.36.08.SS.254	84	119	147	1" Slip-On	2.6
	6005.36.09.SS.254	91	129	159	1" Slip-On	2.7
6005.36.10.SS.254	99	139	172	1" Slip-On	2.7	
6005.36.11.SS.254	106	149	184	1" Slip-On	2.7	
180° Up	6005.18U.01.SS.254	35	49	60	1" Slip-On	2.1
	6005.18U.02.SS.254	42	59	73	1" Slip-On	2.1
	6005.18U.03.SS.254	49	69	85	1" Slip-On	2.3
	6005.18U.04.SS.254	56	79	97	1" Slip-On	2.5
	6005.18U.05.SS.254	63	89	110	1" Slip-On	2.5
	6005.18U.06.SS.254	70	99	122	1" Slip-On	2.6
180° Dn	6005.18D.01.SS.254	35	49	60	1" Slip-On	2.1
	6005.18D.02.SS.254	42	59	73	1" Slip-On	2.1
	6005.18D.03.SS.254	49	69	85	1" Slip-On	2.3
	6005.18D.04.SS.254	56	79	97	1" Slip-On	2.5
	6005.18D.05.SS.254	63	89	110	1" Slip-On	2.5
	6005.18D.06.SS.254	70	99	122	1" Slip-On	2.6



Pin of stainless steel 316L supplied as standard with slip-on models.

Spray Angle	Ordering Code	Flow [l/min] @ Pressure [Bar]			Connection	Spray Ø (m)
		1	2	3		
360°	6005.36.01.SS.1B	35	49	60	1" BSP Thread	2.1
	6005.36.02.SS.1B	42	59	73	1" BSP Thread	2.1
	6005.36.03.SS.1B	49	69	85	1" BSP Thread	2.3
	6005.36.04.SS.1B	56	79	97	1" BSP Thread	2.5
	6005.36.05.SS.1B	63	89	110	1" BSP Thread	2.5
	6005.36.06.SS.1B	70	99	122	1" BSP Thread	2.6
	6005.36.07.SS.1B	77	109	135	1" BSP Thread	2.6
	6005.36.08.SS.1B	84	119	147	1" BSP Thread	2.6
	6005.36.09.SS.1B	91	129	159	1" BSP Thread	2.7
	6005.36.10.SS.1B	99	139	172	1" BSP Thread	2.7
	6005.36.11.SS.1B	106	149	184	1" BSP Thread	2.7
180° Up	6005.18U.01.SS.1B	35	49	60	1" BSP Thread	2.1
	6005.18U.02.SS.1B	42	59	73	1" BSP Thread	2.1
	6005.18U.03.SS.1B	49	69	85	1" BSP Thread	2.3
	6005.18U.04.SS.1B	56	79	97	1" BSP Thread	2.5
	6005.18U.05.SS.1B	63	89	110	1" BSP Thread	2.5
	6005.18U.06.SS.1B	70	99	122	1" BSP Thread	2.6
180° Dn	6005.18D.01.SS.1B	35	49	60	1" BSP Thread	2.1
	6005.18D.02.SS.1B	42	59	73	1" BSP Thread	2.1
	6005.18D.03.SS.1B	49	69	85	1" BSP Thread	2.3
	6005.18D.04.SS.1B	56	79	97	1" BSP Thread	2.5
	6005.18D.05.SS.1B	63	89	110	1" BSP Thread	2.5
	6005.18D.06.SS.1B	70	99	122	1" BSP Thread	2.6



The New **Drizzle™** series of spray balls are further improved from their previous generation offering a good rinse at an economical value. The robust double ball-bearing stainless steel construction & optimized slot design ensures a good rinse on the equipment wall. Available in various sizes, flow rates & connection options, this series of spray ball is our most versatile product for a variety of equipment.



Cleaning Efficiency  
**Class 2**



### Technical Data

#### Materials

Stainless steel 316L.

#### Pressure

Design pressure: 1 - 3 bar  
Recommended pressure: 2 bar

#### Spray pattern



#### Design

Self-lubricating with cleaning liquid.

#### Surface finish (Standard)

Exterior: Ra 0.6 µm  
Interior: Ra 0.8 µm

#### Surface finish (Electo-polished)

Exterior: Ra 0.5 µm  
Interior: Ra 0.5 µm

#### Installation

Functions effectively in every position.

#### Bearing

Double ball bearing made of stainless steel 316L.

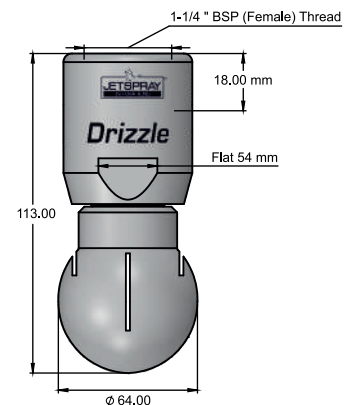
#### Filtration

Line strainer with a mesh size of 100 µm/ 0.1 mm.

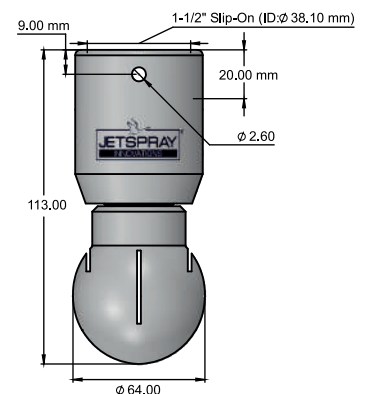
#### Temperature

Max. working temperature: 95°C  
Max. ambient temperature: 140°C



Spray Angle	Ordering Code	Flow [l/min] @ Pressure [Bar]			Connection	Spray Ø (m)
		1	2	3		
360°	6006.36.01.SS.114	91	129	159	1-1/4" BSP Thread	3.0
	6006.36.02.SS.114	99	139	172	1-1/4" BSP Thread	3.0
	6006.36.03.SS.114	106	149	184	1-1/4" BSP Thread	3.1
	6006.36.04.SS.114	113	159	196	1-1/4" BSP Thread	3.2
	6006.36.05.SS.114	120	169	209	1-1/4" BSP Thread	3.4
	6006.36.06.SS.114	127	179	221	1-1/4" BSP Thread	3.5
	6006.36.07.SS.114	134	189	233	1-1/4" BSP Thread	3.5
	6006.36.08.SS.114	141	199	244	1-1/4" BSP Thread	3.6
180° Up	6006.18U.01.SS.114	91	129	159	1-1/4" BSP Thread	2.7
	6006.18U.02.SS.114	99	139	172	1-1/4" BSP Thread	2.7
	6006.18U.03.SS.114	106	149	184	1-1/4" BSP Thread	2.8
180° Dn	6006.18D.01.SS.114	91	129	159	1-1/4" BSP Thread	2.7
	6006.18D.02.SS.114	99	139	172	1-1/4" BSP Thread	2.7
	6006.18D.03.SS.114	106	149	184	1-1/4" BSP Thread	2.8



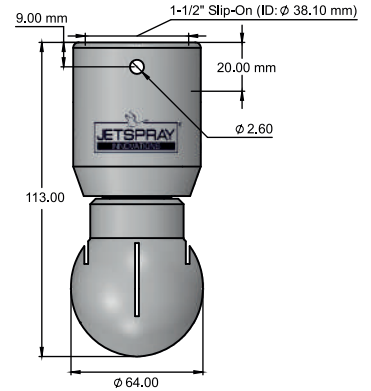
Spray Angle	Ordering Code	Flow [l/min] @ Pressure [Bar]			Connection	Spray Ø (m)
		1	2	3		
360°	6006.36.01.SS.381	91	129	159	1-1/2" Slip-On	3.0
	6006.36.02.SS.381	99	139	172	1-1/2" Slip-On	3.0
	6006.36.03.SS.381	106	149	184	1-1/2" Slip-On	3.1
	6006.36.04.SS.381	113	159	196	1-1/2" Slip-On	3.2
	6006.36.05.SS.381	120	169	209	1-1/2" Slip-On	3.4
	6006.36.06.SS.381	127	179	221	1-1/2" Slip-On	3.5
	6006.36.07.SS.381	134	189	233	1-1/2" Slip-On	3.5
	6006.36.08.SS.381	141	199	244	1-1/2" Slip-On	3.6






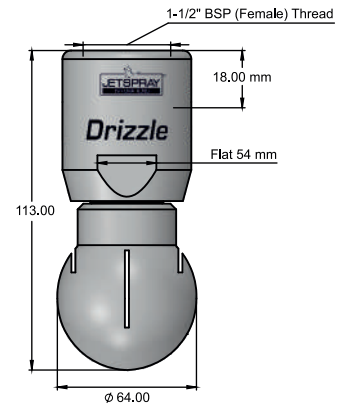
Pin of stainless steel 316L supplied as standard with slip-on models.

Spray Angle	Ordering Code	Flow [l/min] @ Pressure [Bar]			Connection	Spray Ø (m)
		1	2	3		
180° Up 	6006.18U.01.SS.381	91	129	159	1-1/2" Slip-On	2.7
	6006.18U.02.SS.381	99	139	172	1-1/2" Slip-On	2.7
	6006.18U.03.SS.381	106	149	184	1-1/2" Slip-On	2.8
180° Dn 	6006.18D.01.SS.381	91	129	159	1-1/2" Slip-On	2.7
	6006.18D.02.SS.381	99	139	172	1-1/2" Slip-On	2.7
	6006.18D.03.SS.381	106	149	184	1-1/2" Slip-On	2.8

Pin of stainless steel 316L supplied as standard with slip-on models.



Spray Angle	Ordering Code	Flow [l/min] @ Pressure [Bar]			Connection	Spray Ø (m)
		1	2	3		
360° 	6006.36.01.SS.112	91	129	159	1-1/2" BSP Thread	2.7
	6006.36.02.SS.112	99	139	172	1-1/2" BSP Thread	2.7
	6006.36.03.SS.112	106	149	184	1-1/2" BSP Thread	2.8
	6006.36.04.SS.112	113	159	196	1-1/2" BSP Thread	2.8
	6006.36.05.SS.112	120	169	209	1-1/2" BSP Thread	3.0
	6006.36.06.SS.112	127	179	221	1-1/2" BSP Thread	3.0
	6006.36.07.SS.112	134	189	233	1-1/2" BSP Thread	3.1
	6006.36.08.SS.112	141	199	244	1-1/2" BSP Thread	3.1
180° Up 	6006.18U.01.SS.112	91	129	159	1-1/2" BSP Thread	2.7
	6006.18U.02.SS.112	99	139	172	1-1/2" BSP Thread	2.7
	6006.18U.03.SS.112	106	149	184	1-1/2" BSP Thread	2.8
180° Dn 	6006.18D.01.SS.112	91	129	159	1-1/2" BSP Thread	2.7
	6006.18D.02.SS.112	99	139	172	1-1/2" BSP Thread	2.7
	6006.18D.03.SS.112	106	149	184	1-1/2" BSP Thread	2.8



# Drizzle™

## Rotating Spray Ball

### Series 6007

The New **Drizzle™** series of spray balls are further improved from their previous generation offering a good rinse at an economical value. The use of imported materials has enabled us to further improve the functional strength & performance of these spray balls & the optimized slot design ensures a good rinse on the equipment & the optimized slot design ensures a good rinse on the equipment & the optimized slot design ensures a good rinse on the equipment & the optimized slot design ensures a good rinse on the equipment & the optimized slot design ensures a good rinse on the equipment.



Cleaning Efficiency

# Class 2

### Technical Data

#### Materials

PTFE (Teflon).

#### Pressure

Design pressure: 1 - 3 bar  
Recommended pressure: 2 bar

#### Spray pattern



360°

#### Installation

Functions effectively in every position.

#### Bearing

Slide bearing made of PTFE.

#### Design


Self-lubricating with cleaning liquid.

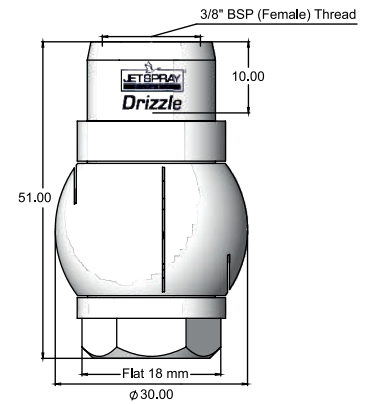
#### Filtration


Line strainer with a mesh size of 100 µm/ 0.1 mm.

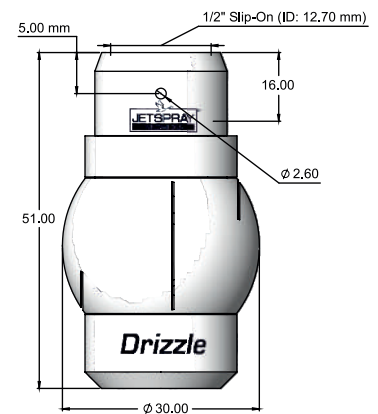
#### Temperature

Max. temperature: 95°C


Spray Angle	Ordering Code	Flow [l/min] @ Pressure [Bar]			Connection	Spray Ø (m)
		1	2	3		
360° 	6007.36.01.PT.38	13	19	23	3/8" BSP Thread	1.1
	6007.36.02.PT.38	21	29	36	3/8" BSP Thread	1.3
	6007.36.03.PT.38	28	39	48	3/8" BSP Thread	1.5
	6007.36.04.PT.38	35	49	60	3/8" BSP Thread	1.5

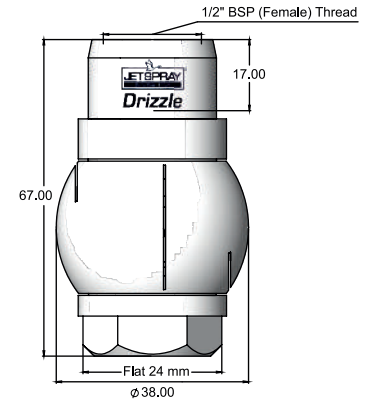



Spray Angle	Ordering Code	Flow [l/min] @ Pressure [Bar]			Connection	Spray Ø (m)
		1	2	3		
360° 	6007.36.01.PT.127	13	19	23	1/2" Slip-On	1.1
	6007.36.02.PT.127	21	29	36	1/2" Slip-On	1.3
	6007.36.03.PT.127	28	39	48	1/2" Slip-On	1.5
	6007.36.04.PT.127	35	49	60	1/2" Slip-On	1.5



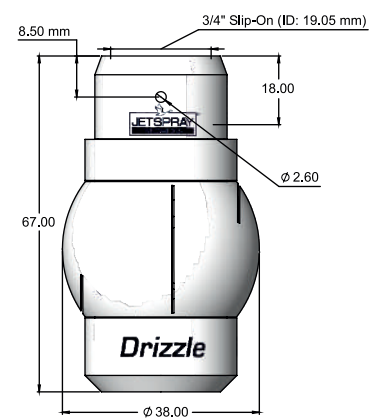
Pin of Hastelloy C-276 supplied as standard with slip-on models.


Spray Angle	Ordering Code	Flow [l/min] @ Pressure [Bar]			Connection	Spray Ø (m)
		1	2	3		
360° 	6007.36.01.PT.12	28	39	48	1/2" BSP Thread	1.3
	6007.36.02.PT.12	35	49	60	1/2" BSP Thread	1.5
	6007.36.03.PT.12	42	59	73	1/2" BSP Thread	1.5
	6007.36.04.PT.12	49	69	85	1/2" BSP Thread	1.7

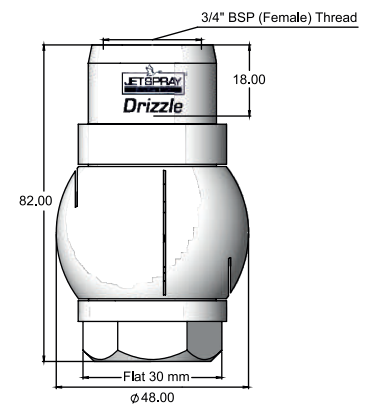



Spray Angle	Ordering Code	Flow [l/min] @ Pressure [Bar]			Connection	Spray Ø (m)
		1	2	3		
360° 	6007.36.01.PT.190	28	39	48	3/4" Slip-On	1.3
	6007.36.02.PT.190	35	49	60	3/4" Slip-On	1.5
	6007.36.03.PT.190	42	59	73	3/4" Slip-On	1.5
	6007.36.04.PT.190	49	69	85	3/4" Slip-On	1.7

Pin of Hastelloy C-276 supplied as standard with slip-on models.

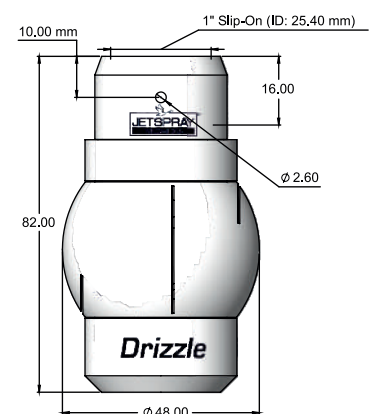



Spray Angle	Ordering Code	Flow [l/min] @ Pressure [Bar]			Connection	Spray Ø (m)
		1	2	3		
360° 	6007.36.01.PT.34	35	49	60	3/4" BSP Thread	1.9
	6007.36.02.PT.34	42	59	73	3/4" BSP Thread	2.1
	6007.36.03.PT.34	49	69	85	3/4" BSP Thread	2.3
	6007.36.04.PT.34	56	79	97	3/4" BSP Thread	2.3
	6007.36.05.PT.34	63	89	110	3/4" BSP Thread	2.5
	6007.36.06.PT.34	70	99	122	3/4" BSP Thread	2.6
	6007.36.07.PT.34	77	109	135	3/4" BSP Thread	2.6

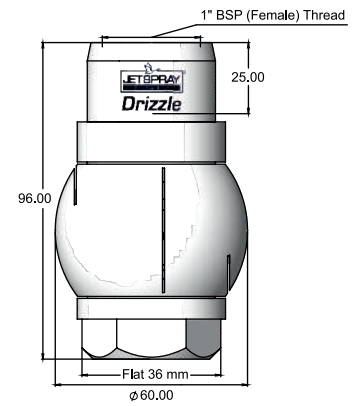



Spray Angle	Ordering Code	Flow [l/min] @ Pressure [Bar]			Connection	Spray Ø (m)
		1	2	3		
360° 	6007.36.01.PT.254	35	49	60	1" Slip-On	1.9
	6007.36.02.PT.254	42	59	73	1" Slip-On	2.1
	6007.36.03.PT.254	49	69	85	1" Slip-On	2.3
	6007.36.04.PT.254	56	79	97	1" Slip-On	2.3
	6007.36.05.PT.254	63	89	110	1" Slip-On	2.5
	6007.36.06.PT.254	70	99	122	1" Slip-On	2.6
	6007.36.07.PT.254	77	109	135	1" Slip-On	2.6

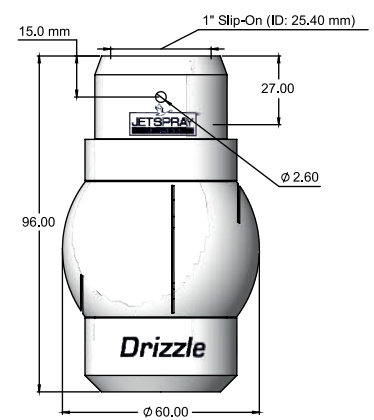
Pin of Hastelloy C-276 supplied as standard with slip-on models.



Spray Angle	Ordering Code	Flow [l/min] @ Pressure [Bar]			Connection	Spray Ø (m)
		1	2	3		
360° 	6007.36.01.PT.1B	49	69	85	1" BSP Thread	2.4
	6007.36.02.PT.1B	56	79	97	1" BSP Thread	2.4
	6007.36.03.PT.1B	63	89	110	1" BSP Thread	2.6
	6007.36.04.PT.1B	70	99	122	1" BSP Thread	2.6
	6007.36.05.PT.1B	77	109	135	1" BSP Thread	2.6
	6007.36.06.PT.1B	84	119	147	1" BSP Thread	2.7
	6007.36.07.PT.1B	91	129	159	1" BSP Thread	2.8
	6007.36.08.PT.1B	99	139	172	1" BSP Thread	2.9
	6007.36.09.PT.1B	106	149	184	1" BSP Thread	2.9



Spray Angle	Ordering Code	Flow [l/min] @ Pressure [Bar]			Connection	Spray Ø (m)
		1	2	3		
360° 	6007.36.01.PT.255	49	69	85	1" Slip-On	2.4
	6007.36.02.PT.255	56	79	97	1" Slip-On	2.4
	6007.36.03.PT.255	63	89	110	1" Slip-On	2.6
	6007.36.04.PT.255	70	99	122	1" Slip-On	2.6
	6007.36.05.PT.255	77	109	135	1" Slip-On	2.6
	6007.36.06.PT.255	84	119	147	1" Slip-On	2.7
	6007.36.07.PT.255	91	129	159	1" Slip-On	2.8
	6007.36.08.PT.255	99	139	172	1" Slip-On	2.9
	6007.36.09.PT.255	106	149	184	1" Slip-On	2.9



Pin of Hastelloy C-276 supplied as standard with slip-on models.

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The New **Drizzle™** Series of Spray Balls are further improved from their previous generation offering a good rinse at an economical value. The use of imported materials has enabled us to further improve the functional strength & performance of these spray balls & the optimized slot design ensures a good rinse on the equipment wall. The Hastelloy rings enable our High Temperature Rotating Spray Ball to function well in an extended temperature range over the standard PTFE spray ball.



Cleaning Efficiency  
**Class 2**

### Technical Data

#### Materials

PTFE (Teflon) & Hastelloy C22 (Rings)

#### Pressure

Design pressure: 1 - 3 bar  
Recommended pressure: 2 bar

#### Spray pattern



360°

#### Installation

Functions effectively in every position.

#### Bearing

Slide bearing made of PTFE + Hast. C22.

#### Design


Self-lubricating with cleaning liquid.

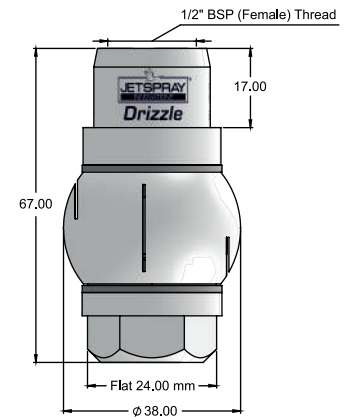
#### Filtration


Line strainer with a mesh size of 200 µm/ 0.2 mm.

#### Temperature

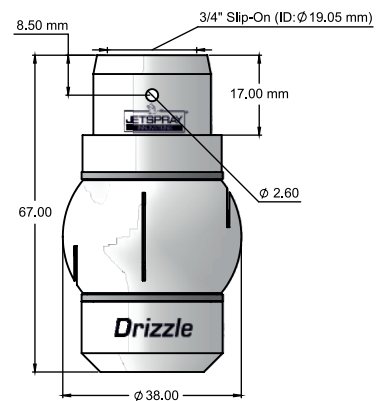
Max. temperature: 130°C

Spray Angle	Ordering Code	Flow [l/min] @ Pressure [Bar]			Connection	Spray Ø (m)
		1	2	3		
360° 	6008.36.01.PT.12	28	39	48	1/2" BSP Thread	1.3
	6008.36.02.PT.12	35	49	60	1/2" BSP Thread	1.5
	6008.36.03.PT.12	42	59	73	1/2" BSP Thread	1.5
	6008.36.04.PT.12	49	69	85	1/2" BSP Thread	1.7




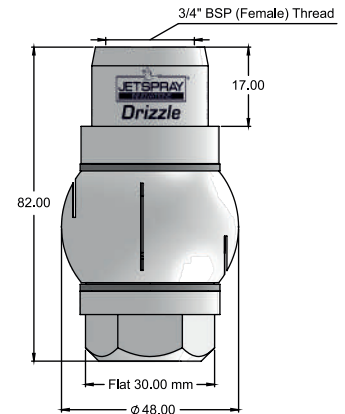
Spray Angle	Ordering Code	Flow [l/min] @ Pressure [Bar]			Connection	Spray Ø (m)
		1	2	3		
360° 	6008.36.01.PT.190	28	39	48	3/4" Slip-On	1.3
	6008.36.02.PT.190	35	49	60	3/4" Slip-On	1.5
	6008.36.03.PT.190	42	59	73	3/4" Slip-On	1.5
	6008.36.04.PT.190	49	69	85	3/4" Slip-On	1.7


Pin of Hastelloy C-276 supplied as standard with slip-on models.



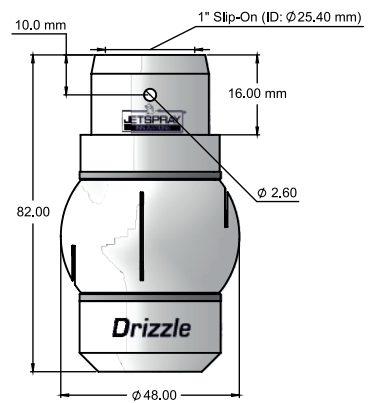



Spray Angle	Ordering Code	Flow [l/min] @ Pressure [Bar]			Connection	Spray Ø (m)
		1	2	3		
360° 	6008.36.01.PT.34	35	49	60	3/4" BSP Thread	1.9
	6008.36.02.PT.34	42	59	73	3/4" BSP Thread	2.1
	6008.36.03.PT.34	49	69	85	3/4" BSP Thread	2.3
	6008.36.04.PT.34	56	79	97	3/4" BSP Thread	2.3
	6008.36.05.PT.34	63	89	110	3/4" BSP Thread	2.5
	6008.36.06.PT.34	70	99	122	3/4" BSP Thread	2.6
	6008.36.07.PT.34	77	109	135	3/4" BSP Thread	2.6

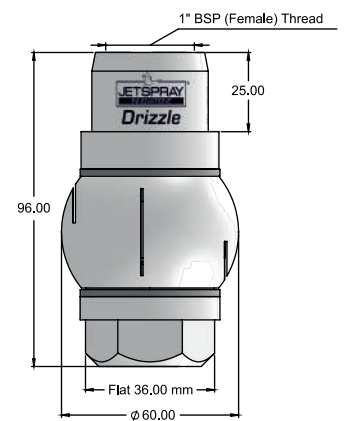



Spray Angle	Ordering Code	Flow [l/min] @ Pressure [Bar]			Connection	Spray Ø (m)
		1	2	3		
360° 	6008.36.01.PT.254	35	49	60	1" Slip-On	1.9
	6008.36.02.PT.254	42	59	73	1" Slip-On	2.1
	6008.36.03.PT.254	49	69	85	1" Slip-On	2.3
	6008.36.04.PT.254	56	79	97	1" Slip-On	2.3
	6008.36.05.PT.254	63	89	110	1" Slip-On	2.5
	6008.36.06.PT.254	70	99	122	1" Slip-On	2.6
	6008.36.07.PT.254	77	109	135	1" Slip-On	2.6

Pin of Hastelloy C-276 supplied as standard with slip-on models.

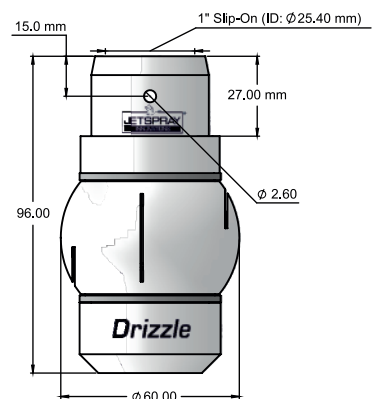


Spray Angle	Ordering Code	Flow [l/min] @ Pressure [Bar]			Connection	Spray Ø (m)
		1	2	3		
360° 	6008.36.01.PT.1B	49	69	85	1" BSP Thread	2.4
	6008.36.02.PT.1B	56	79	97	1" BSP Thread	2.4
	6008.36.03.PT.1B	63	89	110	1" BSP Thread	2.6
	6008.36.04.PT.1B	70	99	122	1" BSP Thread	2.6
	6008.36.05.PT.1B	77	109	135	1" BSP Thread	2.6
	6008.36.06.PT.1B	84	119	147	1" BSP Thread	2.7
	6008.36.07.PT.1B	91	129	159	1" BSP Thread	2.8
	6008.36.08.PT.1B	99	139	172	1" BSP Thread	2.9
	6008.36.09.PT.1B	106	149	184	1" BSP Thread	2.9



Spray Angle	Ordering Code	Flow [l/min] @ Pressure [Bar]			Connection	Spray Ø (m)
		1	2	3		
360° 	6008.36.01.PT.255	49	69	85	1" Slip-On	2.4
	6008.36.02.PT.255	56	79	97	1" Slip-On	2.4
	6008.36.03.PT.255	63	89	110	1" Slip-On	2.6
	6008.36.04.PT.255	70	99	122	1" Slip-On	2.6
	6008.36.05.PT.255	77	109	135	1" Slip-On	2.6
	6008.36.06.PT.255	84	119	147	1" Slip-On	2.7
	6008.36.07.PT.255	91	129	159	1" Slip-On	2.8
	6008.36.08.PT.255	99	139	172	1" Slip-On	2.9
	6008.36.09.PT.255	106	149	184	1" Slip-On	2.9

Pin of Hastelloy C-276 supplied as standard with slip-on models.



The New **Drizzle-HT** series spray balls are designed for high temperature applications. These spray balls rotate on thrust alone, generated by the special slot design. This simple but effective design allows the spray ball to function at an extended temperature range at low liquid inlet pressure.



Cleaning Efficiency **Class 2**



### Technical Data

#### Materials

Stainless steel 316L.  
Hastelloy C22, C276

#### Pressure

Design pressure: 1 - 3 bar  
Recommended pressure: 2 bar

#### Spray pattern



360°

#### Design

Self-lubricating with cleaning liquid.

#### Surface finish (Standard)

Exterior: Ra 0.6 µm  
Interior: Ra 0.8 µm

#### Surface finish (Electo-polished)

Exterior: Ra 0.5 µm  
Interior: Ra 0.5 µm

#### Installation

Functions effectively in every position.

#### Bearing

Slide bearing.

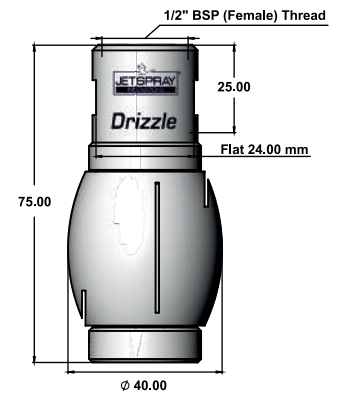
#### Filtration

Line strainer with a mesh size of 300 µm/ 0.3 mm.

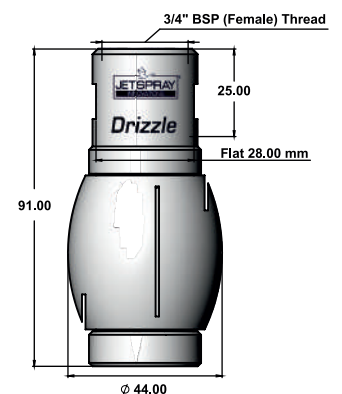
#### Temperature

Max. working temperature: 180°C  
Max. ambient temperature: 250°C

Spray Angle	Ordering Code	Flow [l/min] @ Pressure [Bar]			Connection	Spray Ø (m)	Material
		1	2	3			
360°	6009.36.01.SS.12	35	49	60	1/2" BSP Thread	1.2	SS 316L
	6009.36.01.HC276.12	35	49	60	1/2" BSP Thread	1.2	Hast. C276
	6009.36.01.HC22.12	35	49	60	1/2" BSP Thread	1.2	Hast. C22




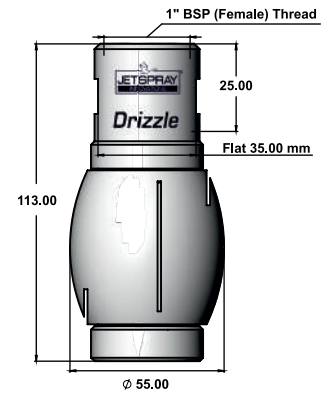
Spray Angle	Ordering Code	Flow [l/min] @ Pressure [Bar]			Connection	Spray Ø (m)	Material
		1	2	3			
360°	6009.36.01.SS.34	48	69	85	3/4" BSP Thread	1.2	SS 316L
	6009.36.01.HC276.34	48	69	85	3/4" BSP Thread	1.2	Hast. C276
	6009.36.01.HC22.34	48	69	85	3/4" BSP Thread	1.2	Hast. C22



# Drizzle™

Rotating Spray Ball - HT  
Series 6009

Spray Angle	Ordering Code	Flow [l/min] @ Pressure [Bar]			Connection	Spray Ø (m)	Material
		1	2	3			
360° 	6009.36.01.SS.1B	63	89	109	1" BSP Thread	1.5	SS 316L
	6009.36.01.HC276.1B	63	89	109	1" BSP Thread	1.5	Hast. C276
	6009.36.01.HC22.1B	63	89	109	1" BSP Thread	1.5	Hast. C22



# Drizzle™

Rotating Spray Ball - RN  
Series 6009

The New **Drizzle-RN** Series of Spray Balls are specialized spray heads that remain flush to the equipment wall & pop out only during the cleaning cycle. The robust stainless steel construction & optimized slot design ensures a good rinse to the surrounding area around the head. These Retractable Spray Balls are generally customized as per the client's requirement.



## Technical Data

### Materials

Stainless steel 316L, PTFE, FGS.  
Hastelloy C22, C276, PTFE, FFKM.

### Pressure

Design pressure: 1 - 3 bar  
Recommended pressure: 2 bar

### Spray pattern



60°

### Design

Self-lubricating with cleaning liquid.



### Installation

Functions effectively in every position.

### Bearing


Slide bearing.

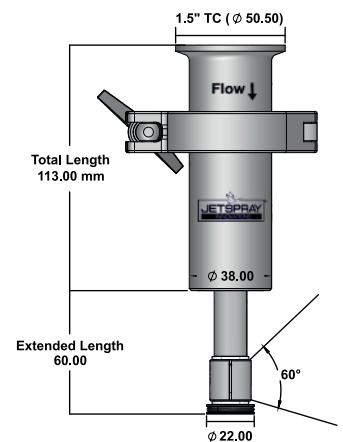
### Filtration


Line strainer with a mesh size of 300 µm/ 0.3 mm.

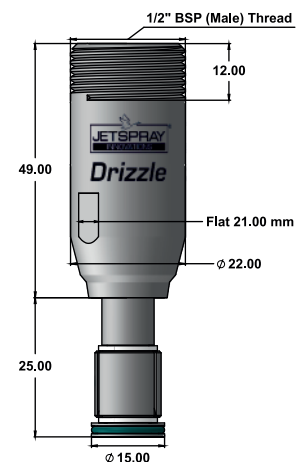
### Temperature

Max. working temperature: 90°C  
Max. ambient temperature: 140°C

Spray Angle	Ordering Code	Flow [l/min] @ Pressure [Bar]			Connection	Spray Ø (m)
		1	2	3		
60° 	6009.60.01.SS.50TC	28	39	48	1-1/2" TC	1.0




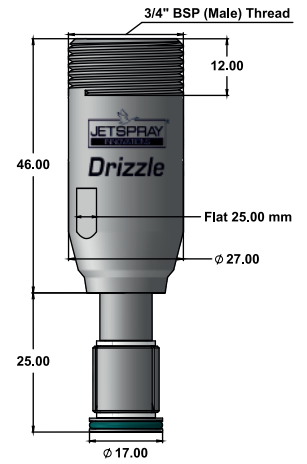
Spray Angle	Ordering Code	Flow [l/min] @ Pressure [Bar]			Connection	Spray Ø (m)
		1	2	3		
60° 	6009.60.01.SS.12M	11	15	18	1/2" BSP Thread	1.0




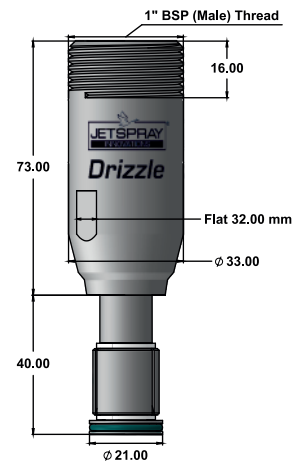
# Drizzle™

Rotating Spray Ball - RN  
Series 6009

Spray Angle	Ordering Code	Flow [l/min] @ Pressure [Bar]			Connection	Spray Ø (m)
		1	2	3		
60° 	6009.60.01.SS.34M	11	15	18	3/4" BSP Thread	1.0



Spray Angle	Ordering Code	Flow [l/min] @ Pressure [Bar]			Connection	Spray Ø (m)
		1	2	3		
60° 	6009.60.01.SS.01M	28	39	48	1" BSP Thread	1.0



The New **Plus<sup>+</sup>** series of Spray Balls employ slide bearings to generate thrust & form a good sweep pattern at low inlet pressure. The sweep pattern & optimized slot design ensures more dwell time on the equipment wall thereby eliminating contaminants adhering to the tank wall. Available in various sizes, flow rates & connection options, this series is our most efficient product for a variety of equipment.



Cleaning Efficiency

Class  
**3**

ATEX Certification



### Technical Data

#### Materials

Stainless steel 316L & PTFE.

#### Pressure

Design pressure: 1 - 3 bar  
Recommended pressure: 2 bar

#### Spray pattern



360°

#### Design

Self-lubricating with cleaning liquid.

#### Surface finish (Standard)

Exterior: Ra 0.6 µm  
Interior: Ra 0.8 µm

#### Surface finish (Electo-polished)

Exterior: Ra 0.5 µm  
Interior: Ra 0.5 µm

#### Installation

Functions effectively in every position.

#### Bearing

Slide bearing made of SS 316L + PTFE.

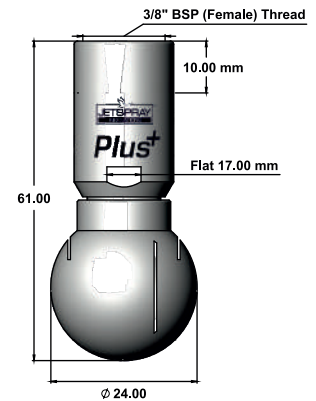
#### Filtration

Line strainer with a mesh size of 100 µm/ 0.1 mm.

#### Temperature

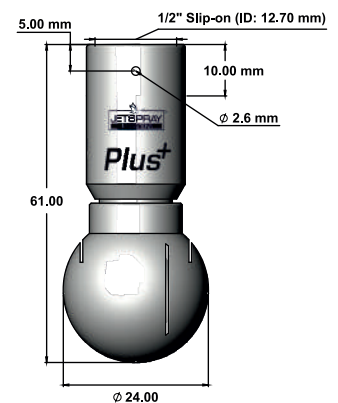
Max. working temperature: 95°C  
Max. ambient temperature: 140°C

Spray Angle	Ordering Code	Flow [l/min] @ Pressure [Bar]			Connection	Spray Ø (m)
		1	2	3		
360°	6011.36.01.SS.38	27	39	48	3/8" BSP Thread	1.5

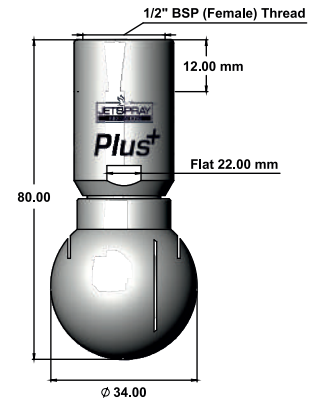


Spray Angle	Ordering Code	Flow [l/min] @ Pressure [Bar]			Connection	Spray Ø (m)
		1	2	3		
360°	6011.36.01.SS.127	27	39	48	1/2" Slip-On	1.5

Pin of stainless steel 316L supplied as standard with slip-on models.

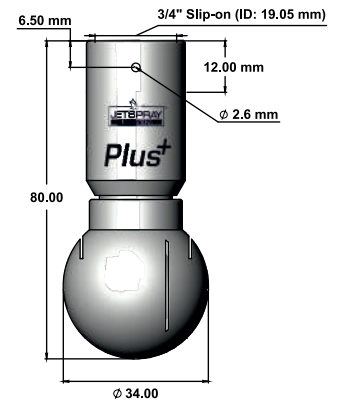


Spray Angle	Ordering Code	Flow [l/min] @ Pressure [Bar]			Connection	Spray Ø (m)
		1	2	3		
360°	6011.36.01.SS.12	27	39	48	1/2" BSP Thread	1.8

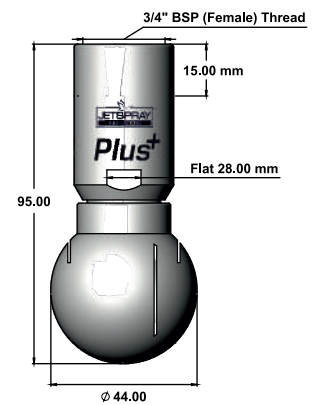


Spray Angle	Ordering Code	Flow [l/min] @ Pressure [Bar]			Connection	Spray Ø (m)
		1	2	3		
360°	6011.36.01.SS.190	27	39	48	3/4" Slip-On	1.8

Pin of stainless steel 316L supplied as standard with slip-on models.

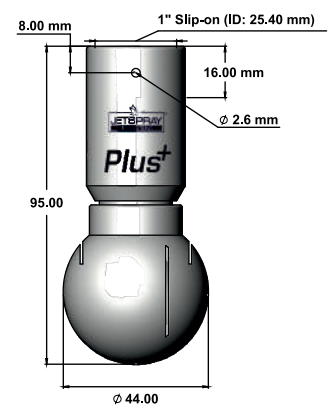


Spray Angle	Ordering Code	Flow [l/min] @ Pressure [Bar]			Connection	Spray Ø (m)
		1	2	3		
360°	6011.36.01.SS.34	49	69	85	3/4" BSP Thread	2.3
	6011.36.02.SS.34	56	79	97	3/4" BSP Thread	2.3
	6011.36.03.SS.34	63	89	110	3/4" BSP Thread	2.5
	6011.36.04.SS.34	70	99	122	3/4" BSP Thread	2.6
	6011.36.05.SS.34	77	109	135	3/4" BSP Thread	2.7

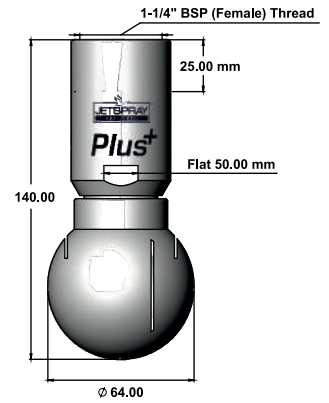


Spray Angle	Ordering Code	Flow [l/min] @ Pressure [Bar]			Connection	Spray Ø (m)
		1	2	3		
360°	6011.36.01.SS.254	49	69	85	1" Slip-On	2.3
	6011.36.02.SS.254	56	79	97	1" Slip-On	2.3
	6011.36.03.SS.254	63	89	110	1" Slip-On	2.5
	6011.36.04.SS.254	70	99	122	1" Slip-On	2.6
	6011.36.05.SS.254	77	109	135	1" Slip-On	2.7

Pin of stainless steel 316L supplied as standard with slip-on models.

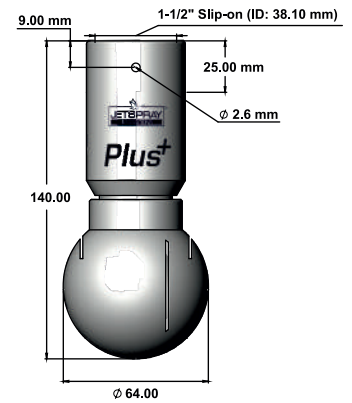


Spray Angle	Ordering Code	Flow [l/min] @ Pressure [Bar]			Connection	Spray Ø (m)
		1	2	3		
360°	6011.36.01.SS.114	99	140	172	1-1/4" BSP Thread	3.0



Spray Angle	Ordering Code	Flow [l/min] @ Pressure [Bar]			Connection	Spray Ø (m)
		1	2	3		
360°	6011.36.01.SS.190	99	140	172	1-1/2" Slip-On	3.0

Pin of stainless steel 316L supplied as standard with slip-on models.





The New **Storm™** Storm Series of Spray Balls employ Turbine-Drive Mechanism to generate thrust & form a good sweep pattern at an increased inlet pressure. The sweep curtain is highly effective & the optimized slot design ensures more dwell time on the equipment wall thereby eliminating contaminants adhering to the tank wall. This series is our most effective product for a variety of equipment.



Cleaning Efficiency

Class  
**4**

ATEX Certification



### Technical Data

#### Materials

Stainless steel 316L, PTFE.

#### Pressure

Design pressure: 15 bar  
Recommended pressure: 5 - 8 bar

#### Spray pattern



360°

#### Design

Self-lubricating with cleaning liquid.

#### Surface finish (Standard)

Exterior: Ra 0.6 µm  
Interior: Ra 0.8 µm

#### Surface finish (Electo-polished)

Exterior: Ra 0.5 µm  
Interior: Ra 0.5 µm

#### Installation

Functions effectively in every position.

#### Bearing

Slide bearing made of SS 316L + PTFE.

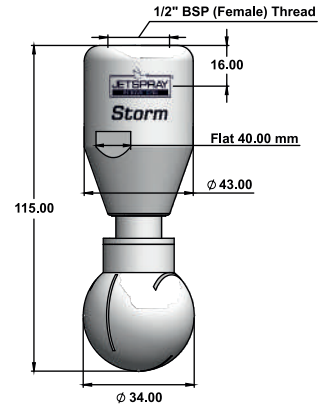
#### Filtration

Line strainer with a mesh size of 100 µm/ 0.1 mm.

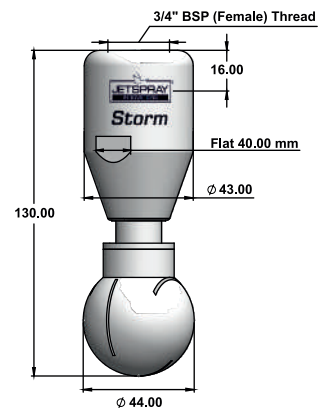
#### Temperature

Max. working temperature: 95°C  
Max. ambient temperature: 140°C

Spray Angle	Ordering Code	Flow [l/min] @ Pressure [Bar]			Connection	Spray Ø (m)
		1	2	3		
360°	6012.36.01.SS.12	29	46	58	1/2" BSP Thread	2.4
	6012.36.02.SS.12	39	62	78	1/2" BSP Thread	2.6
	6012.36.03.SS.12	49	77	98	1/2" BSP Thread	2.8
	6012.36.04.SS.12	59	93	118	1/2" BSP Thread	3.0
	6012.36.05.SS.12	69	109	138	1/2" BSP Thread	3.2



Spray Angle	Ordering Code	Flow [l/min] @ Pressure [Bar]			Connection	Spray Ø (m)
		1	2	3		
360°	6012.36.01.SS.34	29	46	58	3/4" BSP Thread	2.6
	6012.36.02.SS.34	39	62	78	3/4" BSP Thread	2.8
	6012.36.03.SS.34	49	77	98	3/4" BSP Thread	3.0
	6012.36.04.SS.34	59	93	118	3/4" BSP Thread	3.1
	6012.36.05.SS.34	69	109	138	3/4" BSP Thread	3.3



# Drizzle™

Static Spray Ball  
Series 7001

The **Drizzle™** series of static spray balls are fixed spray balls offering a good rinse at an economical value. There are no moving parts. These spray balls are suitable for high temperature applications, operations with steam & air. The design is robust & compact. Available in various sizes, flow rates & connection options, static spray balls can be used for a wide range tank cleaning applications.



Cleaning Efficiency  
**Class 1**

## Technical Data

### Materials

Stainless steel 316L, PTFE.

### Pressure

Design pressure: 1 - 3 bar  
Recommended pressure: 2 bar

### Spray pattern



360°



180° up



180° down

### Design

Self-lubricating with cleaning liquid.

### Installation

Functions effectively in every position.

### Temperature

Max. temperature: 200°C

### Surface finish (Standard)

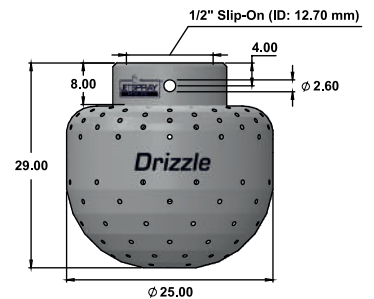
Exterior: Ra 0.6 µm  
Interior: Ra 0.8 µm

### Surface finish (Electo-polished)

Exterior: Ra 0.5 µm  
Interior: Ra 0.5 µm

Spray Angle	Ordering Code	Flow [l/min] @ Pressure [Bar]			Connection	Spray Ø (m)
		1	2	3		
360°	7001.36.01.SS.127	11	15	19	1/2" Slip-On	1.1
	7001.36.02.SS.127	13	19	23	1/2" Slip-On	1.3
	7001.36.03.SS.127	21	29	36	1/2" Slip-On	1.5
	7001.36.04.SS.127	28	39	48	1/2" Slip-On	1.5
180° Up	7001.18U.01.SS.127	11	15	19	1/2" Slip-On	0.9
	7001.18U.02.SS.127	13	19	23	1/2" Slip-On	1.1
	7001.18U.03.SS.127	21	29	36	1/2" Slip-On	1.2
	7001.18U.04.SS.127	28	39	48	1/2" Slip-On	1.2
180° Dn	7001.18D.01.SS.127	11	15	19	1/2" Slip-On	0.9
	7001.18D.02.SS.127	13	19	23	1/2" Slip-On	1.1
	7001.18D.03.SS.127	21	29	36	1/2" Slip-On	1.2
	7001.18D.04.SS.127	28	39	48	1/2" Slip-On	1.2

Pin of stainless steel 316L supplied as standard with slip-on models.



The **Drizzle™** series of static spray balls are fixed spray balls offering a good rinse at an economical value. There are no moving parts. These spray balls are suitable for high temperature applications, operations with steam & air. The design is robust & compact. Available in various sizes, flow rates & connection options, static spray balls can be used for a wide range tank cleaning applications.



Cleaning Efficiency  
**Class 1**

## Technical Data

### Materials

Stainless steel 316L, PTFE.

### Pressure

Design pressure: 1 - 3 bar  
Recommended pressure: 2 bar

### Spray pattern



360°



180° up



180° down

### Design

Self-lubricating with cleaning liquid.

### Installation

Functions effectively in every position.

### Temperature

Max. temperature: 200°C

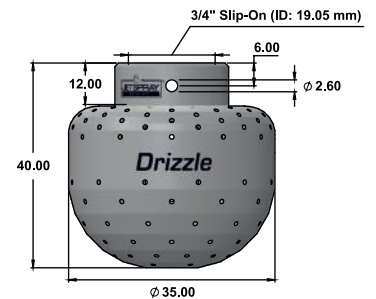
### Surface finish (Standard)

Exterior: Ra 0.6 µm  
Interior: Ra 0.8 µm

### Surface finish (Electo-polished)

Exterior: Ra 0.5 µm  
Interior: Ra 0.5 µm

Spray Angle	Ordering Code	Flow [l/min] @ Pressure [Bar]			Connection	Spray Ø (m)
		1	2	3		
360°	7002.36.01.SS.190	21	29	36	3/4" Slip-On	1.7
	7002.36.02.SS.190	28	39	48	3/4" Slip-On	1.7
	7002.36.03.SS.190	35	49	60	3/4" Slip-On	1.7
	7002.36.04.SS.190	42	59	72	3/4" Slip-On	1.8
	7002.36.05.SS.190	49	69	84	3/4" Slip-On	2.1
	7002.36.06.SS.190	56	79	96	3/4" Slip-On	2.3
	7002.36.07.SS.190	63	89	108	3/4" Slip-On	2.3
7002.36.08.SS.190	70	99	120	3/4" Slip-On	2.4	
180° Up	7002.18U.01.SS.190	21	29	36	3/4" Slip-On	1.7
	7002.18U.02.SS.190	28	39	48	3/4" Slip-On	1.7
	7002.18U.03.SS.190	35	49	60	3/4" Slip-On	1.7
	7002.18U.04.SS.190	42	59	72	3/4" Slip-On	1.8
	7002.18U.05.SS.190	70	99	120	3/4" Slip-On	2.1
180° Dn	7002.18D.01.SS.190	28	39	48	3/4" Slip-On	1.7
	7002.18D.02.SS.190	35	49	60	3/4" Slip-On	1.7
	7002.18D.03.SS.190	42	59	72	3/4" Slip-On	1.8
	7002.18D.04.SS.190	49	69	84	3/4" Slip-On	2.0



Pin of stainless steel 316L supplied as standard with slip-on models.

# Drizzle™

Static Spray Ball  
Series 7003

The **Drizzle™** series of static spray balls are fixed spray balls offering a good rinse at an economical value. There are no moving parts. These spray balls are suitable for high temperature applications, operations with steam & air. The design is robust & compact. Available in various sizes, flow rates & connection options, static spray balls can be used for a wide range tank cleaning applications.



Cleaning Efficiency  
**Class 1**

## Technical Data

### Materials

Stainless steel 316L, PTFE.

### Pressure

Design pressure: 1 - 3 bar  
Recommended pressure: 2 bar

### Spray pattern



360°



180° up



180° down

### Design

Self-lubricating with cleaning liquid.

### Installation

Functions effectively in every position.

### Temperature

Max. temperature: 200°C

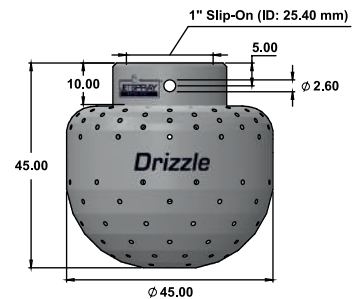
### Surface finish (Standard)

Exterior: Ra 0.6 µm  
Interior: Ra 0.8 µm

### Surface finish (Electo-polished)

Exterior: Ra 0.5 µm  
Interior: Ra 0.5 µm

Spray Angle	Ordering Code	Flow [l/min] @ Pressure [Bar]			Connection	Spray Ø (m)
		1	2	3		
360°	7003.36.01.SS.254	35	49	60	1" Slip-On	1.7
	7003.36.02.SS.254	42	59	72	1" Slip-On	1.8
	7003.36.03.SS.254	49	69	84	1" Slip-On	2.1
	7003.36.04.SS.254	56	79	96	1" Slip-On	2.3
	7003.36.05.SS.254	63	89	108	1" Slip-On	2.3
	7003.36.06.SS.254	70	99	120	1" Slip-On	2.4
	7003.36.07.SS.254	77	109	135	1" Slip-On	2.4
	7003.36.08.SS.254	84	119	147	1" Slip-On	2.5
	7003.36.09.SS.254	91	129	159	1" Slip-On	2.7
	7003.36.10.SS.254	99	139	172	1" Slip-On	2.7
7003.36.11.SS.254	106	149	184	1" Slip-On	2.8	
180° Up	7003.18U.01.SS.254	35	49	60	1" Slip-On	1.7
	7003.18U.02.SS.254	42	59	72	1" Slip-On	1.8
	7003.18U.03.SS.254	70	99	120	1" Slip-On	2.4
	7003.18U.04.SS.254	127	179	219	1" Slip-On	2.8
180° Dn	7003.18D.01.SS.254	35	49	60	1" Slip-On	1.7
	7003.18D.02.SS.254	42	59	72	1" Slip-On	1.8
	7003.18D.03.SS.254	70	99	120	1" Slip-On	2.4
	7003.18D.04.SS.254	127	179	219	1" Slip-On	2.8



Pin of stainless steel 316L supplied as standard with slip-on models.

# Drizzle™

Static Spray Ball  
Series 7004

The **Drizzle™** series of static spray balls are fixed spray balls offering a good rinse at an economical value. There are no moving parts. These spray balls are suitable for high temperature applications, operations with steam & air. The design is robust & compact. Available in various sizes, flow rates & connection options, static spray balls can be used for a wide range tank cleaning applications.



Cleaning Efficiency  
**Class 1**

## Technical Data

### Materials

Stainless steel 316L, PTFE.

### Pressure

Design pressure: 1 - 3 bar  
Recommended pressure: 2 bar

### Spray pattern



360°



180° up



180° down

### Design

Self-lubricating with cleaning liquid.

### Installation

Functions effectively in every position.

### Temperature




Max. temperature: 200°C

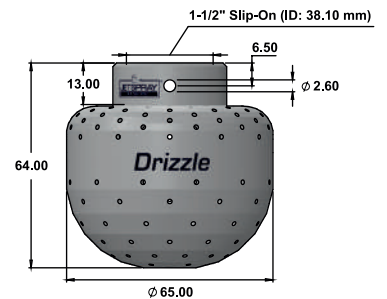
### Surface finish (Standard)

Exterior: Ra 0.6 µm  
Interior: Ra 0.8 µm

### Surface finish (Electo-polished)

Exterior: Ra 0.5 µm  
Interior: Ra 0.5 µm

Spray Angle	Ordering Code	Flow [l/min] @ Pressure [Bar]			Connection	Spray Ø (m)
		1	2	3		
360° 	7004.36.01.SS.381	91	129	159	1-1/2" Slip-On	2.7
	7004.36.02.SS.381	99	139	172	1-1/2" Slip-On	2.7
	7004.36.03.SS.381	106	149	184	1-1/2" Slip-On	2.8
	7004.36.04.SS.381	113	159	196	1-1/2" Slip-On	2.8
	7004.36.05.SS.381	120	169	209	1-1/2" Slip-On	3.0
	7004.36.06.SS.381	127	179	221	1-1/2" Slip-On	3.1
	7004.36.07.SS.381	134	189	233	1-1/2" Slip-On	3.2
7004.36.08.SS.381	141	199	244	1-1/2" Slip-On	3.2	
180° Up 	7004.18U.01.SS.381	91	129	159	1-1/2" Slip-On	2.7
	7004.18U.02.SS.381	99	139	172	1-1/2" Slip-On	2.7
	7004.18U.03.SS.381	106	149	184	1-1/2" Slip-On	2.8
	7004.18U.04.SS.381	113	159	196	1-1/2" Slip-On	2.8
180° Dn 	7004.18D.01.SS.381	91	129	159	1-1/2" Slip-On	2.7
	7004.18D.02.SS.381	99	139	172	1-1/2" Slip-On	2.7
	7004.18D.03.SS.381	106	149	184	1-1/2" Slip-On	2.8
	7004.18D.04.SS.381	113	159	196	1-1/2" Slip-On	2.8



Pin of stainless steel 316L supplied as standard with slip-on models.

# Drizzle™

Rotating Spray Ball

*installed in a process reactor at  
one of our esteemed clients.*



Clientele

Zy+us Cad+ila



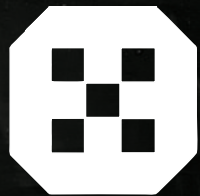
INTAS



Biocon

Baxter

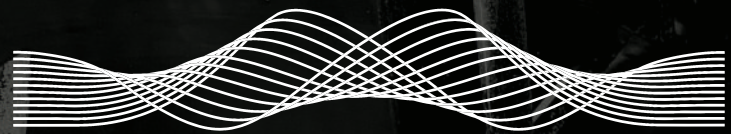
Cipla



torrent  
PHARMA



Sai



Dishman Carbogen Amcis<sup>LT</sup>

glenmark

Dr.Reddy's



Alembic

Touching Lives over 100  
years



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