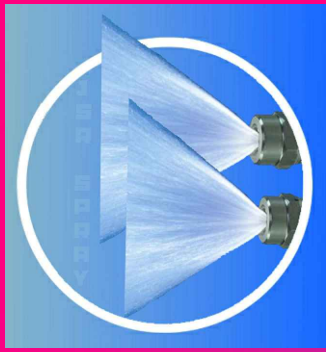


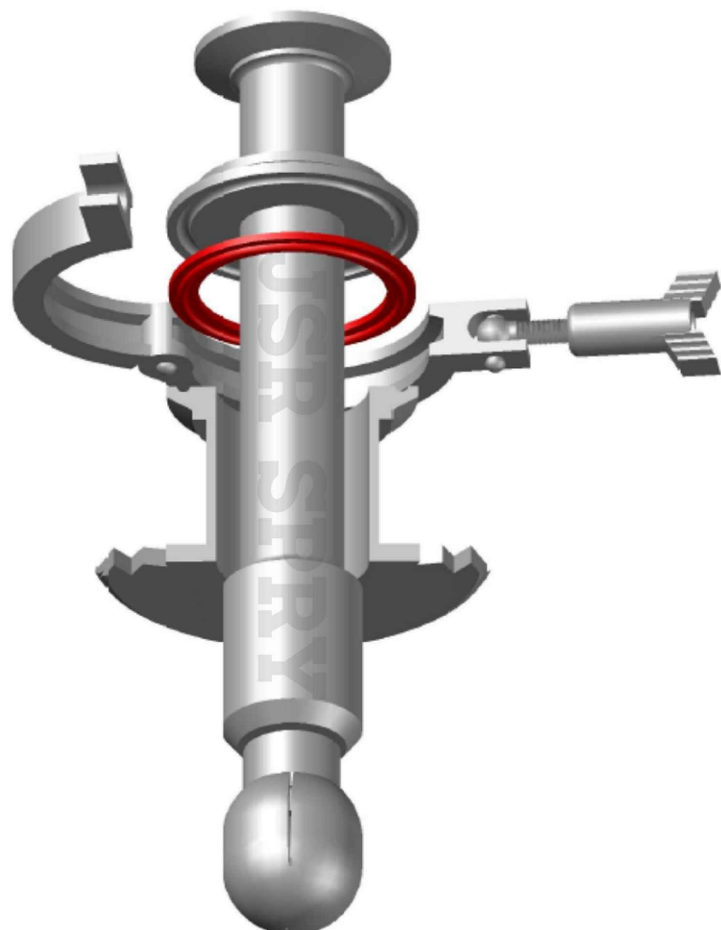
JSR SPRAY SYSTEMS (INDIA)



TANK CLEANING NOZZLES

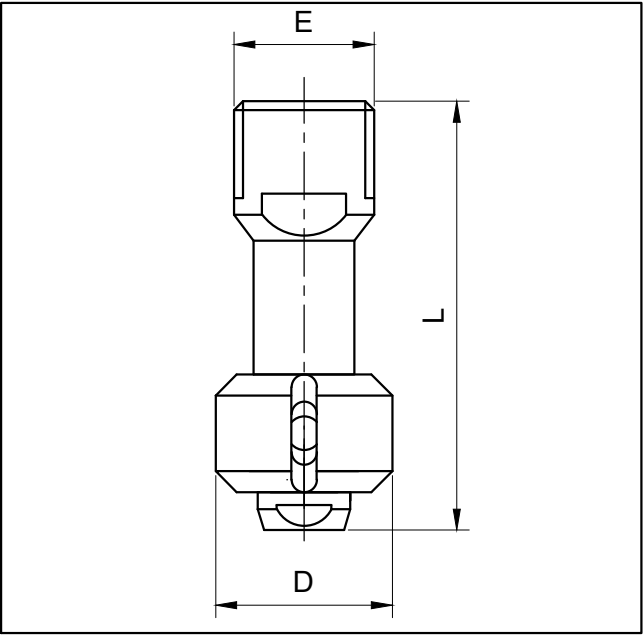
APPLICATIONS

- 👉 Food and Beverage Industries
- 👉 Pharmaceuticals Industries
- 👉 Cement plant
- 👉 Ointment Plant
- 👉 Bio Engineering
- And More ..

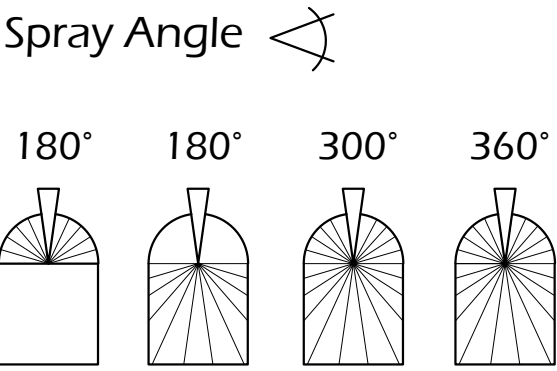


JSR SPRAY BALL - SERIES K00 - STAINLESS STEEL MODEL

- Material :
Stainless steel AISI 316L
- Bearing : Peek slide Bearing .
- Excellent power of Cleaning.
- Insert in small Opening.
- Self Lubricating .
- Special Design for Slip-on & Tri-Clamp



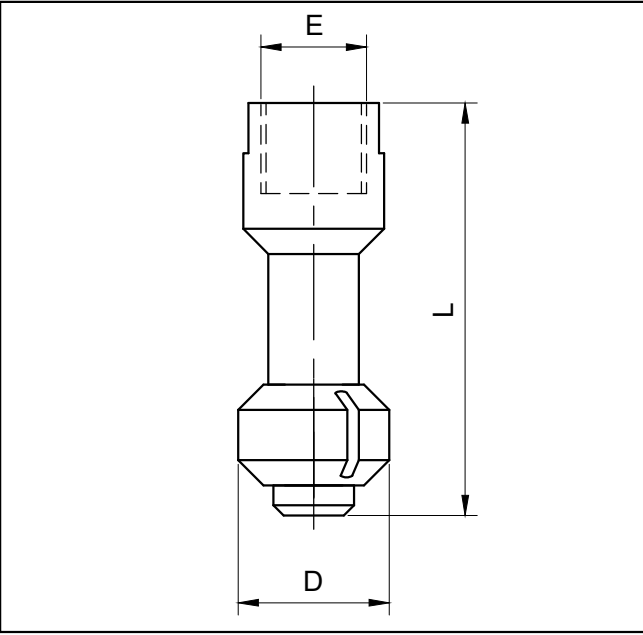
Max Spray Dia : 600 mm
operating Pressure : 2 Bar
Max Temp. : 140°C
Coverage : 360° & Partial



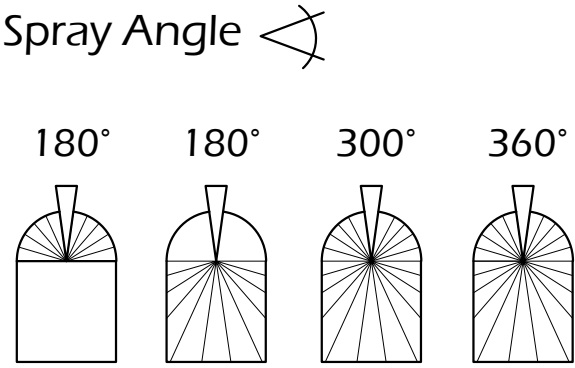
SR	MODEL NUMBER	END CONNECTION	FLOW RATE			DIMENSIONS	
			@ BAR			DIA	LENGTH
			1	2	3	D	L
1	JSR-K00.016.24.3A.AB	1/8"BSP(F)	12	16	19	18	51
2	JSR-K00.018.24.3A.AC	1/4"BSP(M)	14	18	21	18	51
3	JSR-K00.021.24.3A.AE	3/8"BSP(M)	16	21	25	21	51

JSR SPRAY BALL - SERIES K05 - PTFE VERSION

- Material : PTFE
- Bearing : PTFE Slide Bearing
- Good Corrosion Resistance
- light Weight
- Balance Rotating moment of action.
- Operation every Position.
- Special Design with slip-on & Tri-Clamp.



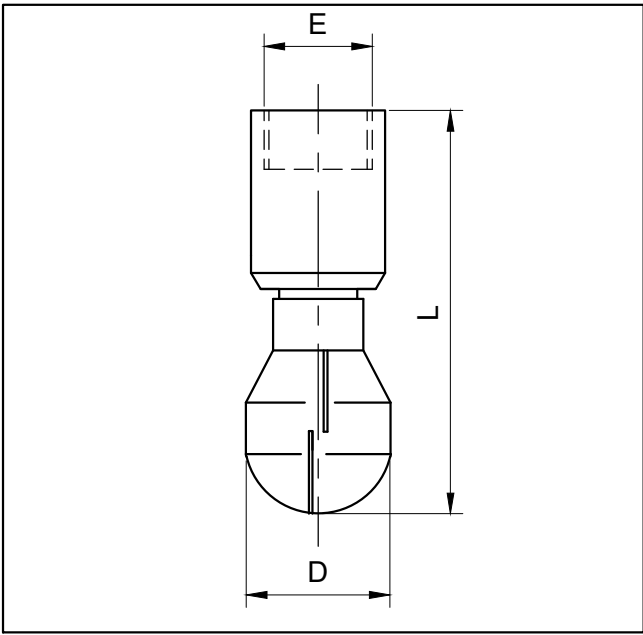
Max Spray Dia : 600 mm
operating Pressure : 2 Bar
Max Temp. : 100°C
Coverage : 360° & Partial



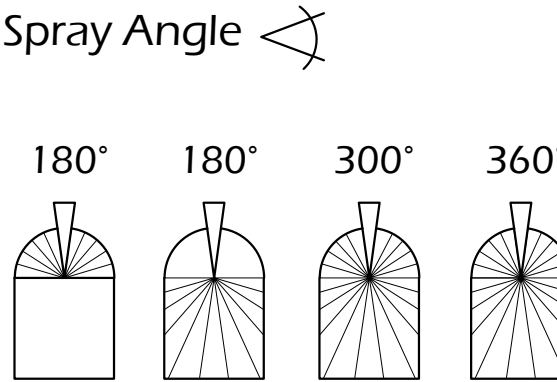
SR	MODEL NUMBER	END CONNECTION	FLOW RATE			DIMENSIONS	
			@ BAR			DIA	LENGTH
			1	2	3	D	L
1	JSR-K05.030.24.3S.AH	1/2"BSP(F)	23	30	35	30	80

JSR SPRAY BALL - SERIES K20

- Two Size Group (Micro & Mini)
- High Flow slot Orifices produce big sprays from a small head .
- Material :
Corrosion Resistance stainless steel AISI 316L.
- Bearing : Double Bearing made of stainless steel AISI 316L.
- Special Design with slip on & Tri-Clamp.



Max Spray Dia : 900 mm
operating Pressure : 2 Bar
Max Temp. : 140°C
Coverage : 360° & Partial

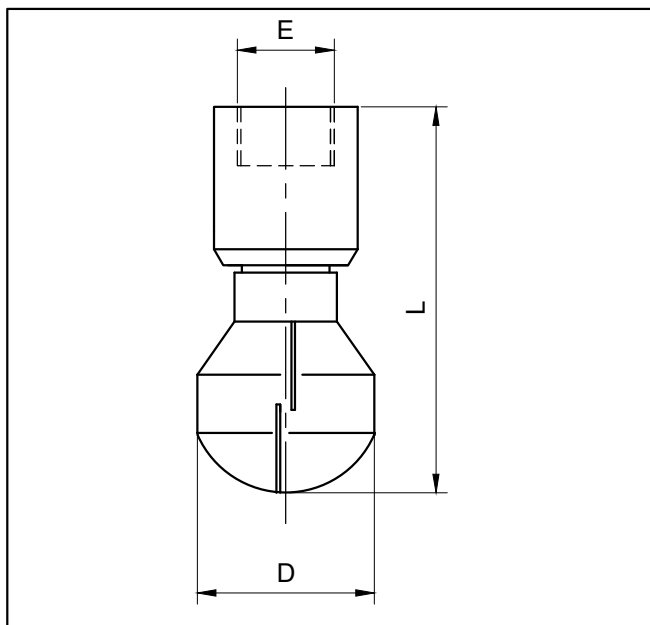


SR	MODEL NUMBER	END CONNECTION	FLOW RATE			DIMENSIONS	
			@ BAR			DIA	LENGTH
			1	2	3	D	L
1	JSR-K00.021.24.3A.AB	3/8"BSP(F)	16	21	25	28	78
2	JSR-K20.035.24.3A.AH	1/2"BSP(F)	27	35	41	28	78



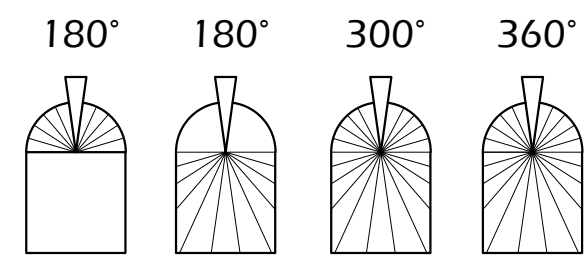
JSR SELF ROTATING SPRAY BALL - SERIES K25

- Two Size Groups (Micro & Mini)
- High Flow slot orifices produce big sprays from a small head
- Head balance for minimum vibration.
- Free spinning Self Lubricating and self Flushing .
- Material : Corrosion Resistant stainless steel AISI 316 L
- Bearing : Double Bearing made of stainless steel AISI 316 L



Max Spray Dia : 1.5m
operating Pressure : 2 Bar
Max Temp. : 140°C
Coverage : 360° & Partial

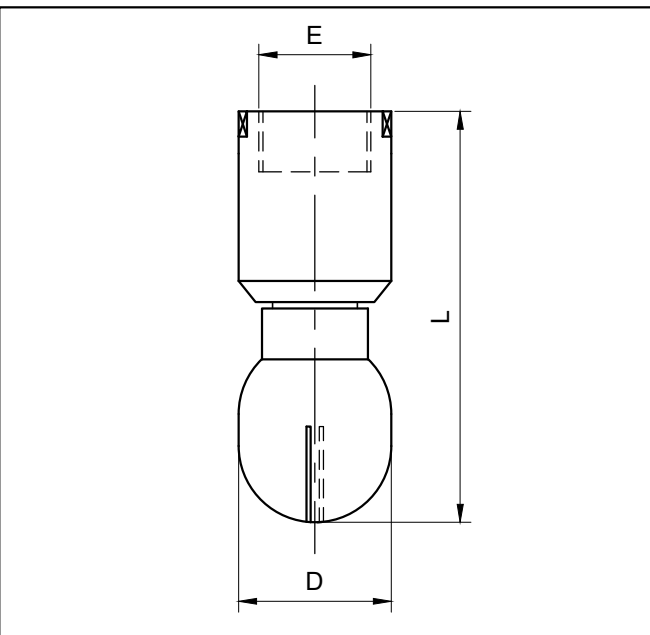
Spray Angle



SR	MODEL NUMBER	END CONNECTION	FLOW RATE			DIMENSIONS	
			@ BAR			DIA	LENGTH
		E	1	2	3	D	L
1	JSR-K25.045.24.3A.AH	1/2" BSP(F)	34	45	53	30	82
2	JSR-K25.045.24.3A.TF10	SLIP ON 1"	34	45	53	30	100

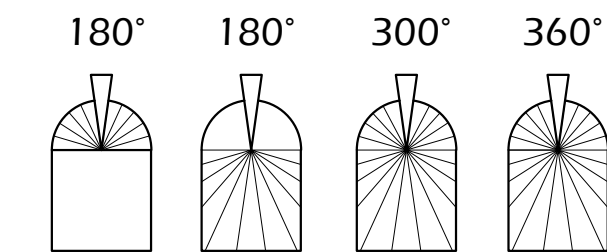
JSR SELF ROTATING SPRAY BALL - SERIES KMI

- Two Size Groups (Micro & Mini)
- High Flow slot orifices produce big sprays from a small head
- Head balance for minimum vibration.
- Free spinning Self Lubricating and self Flushing .
- Material : Corrosion Resistant stainless steel AISI 316 L
- Bearing : Double Bearing made of stainless steel AISI 316 L



Max Spray Dia : 1.8m
operating Pressure : 2 Bar
Max Temp. : 140°C
Coverage : 360° & Partial

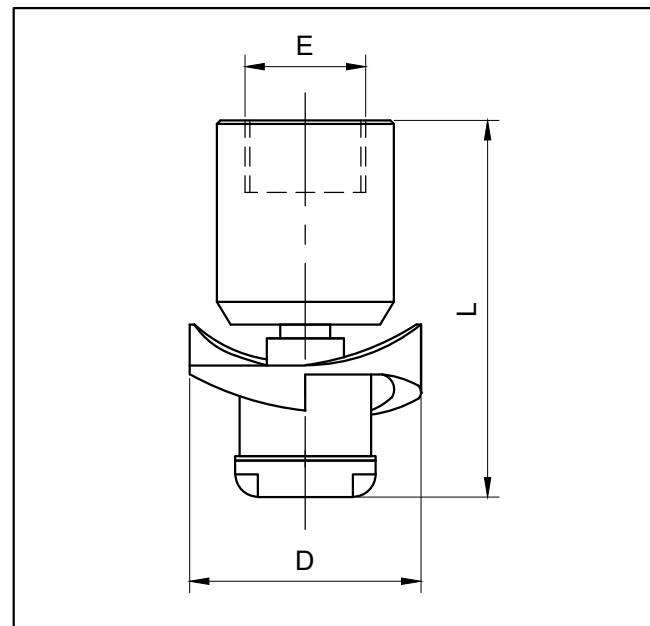
Spray Angle



SR	MODEL NUMBER	END CONNECTION	FLOW RATE			DIMENSIONS	
			@ BAR			DIA	LENGTH
		E	1	2	3	D	L
1	JSR-KMI.049.24.3A.AL	3/4" BSP(F)	37	49	58	36	97
2	JSR-KMI.069.24.3A.AL	3/4" BSP(F)	52	69	81	36	97

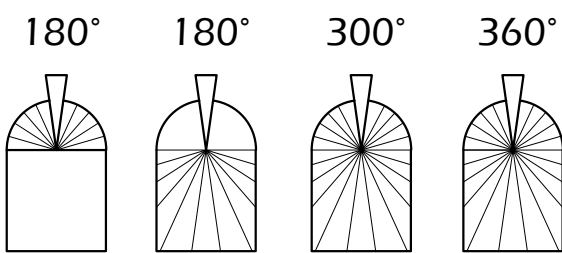
JSR TURBOJET SPRAY BALL - SERIES K68

- Material ; Corrosion Resistant Stainless steel AISI 316L
- Bearing PTFE Sliding Bearing .
- Wash fluids entering the TURBODISC is directed onto The precision shaped disc. Hydraulic bearing allow the disc to rotate friction free at high speed and the wash fluid is distributed in a dense spray.



Max Spray Dia : 2.6 - 3 meters
operating Pressure : 2 Bar
Max Temp. : 140°C
Coverage : 360° & Partial

Spray Angle



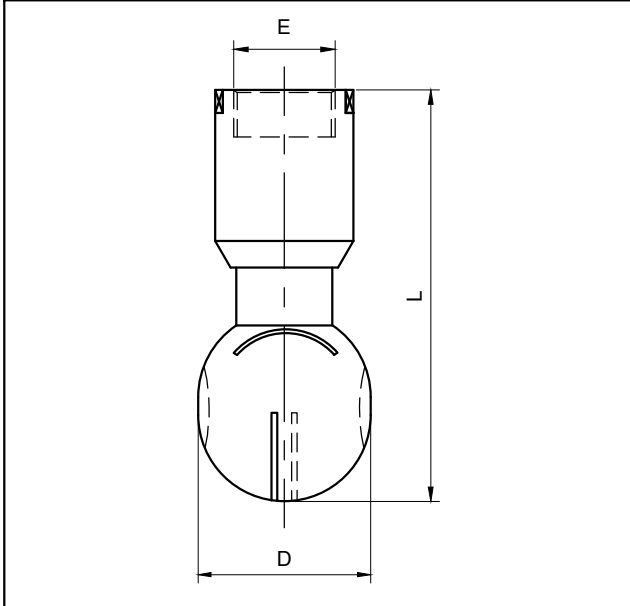
SR	MODEL NUMBER	END CONNECTION	FLOW RATE			DIMENSIONS	
			@ BAR			DIA	LENGTH
		E	1	2	3	D	L
1	JSR - K68.050.24.3A.AL	3/4" BSP(F)	45	50	55	51	83
2	JSR - K68.100.24.3A.AN	1" BSP(F)	76	100	118	51	83



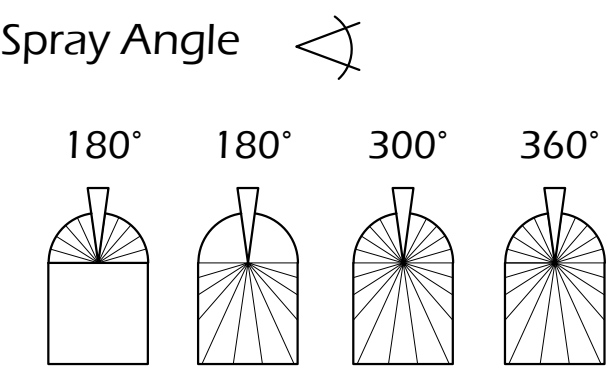
JSR SELF ROTATING SPRAY BALL - SERIES KMI

- High flow slot Orifices produce big spray from a small head.
- Head balance for minimum vibration
- Free spinning, self Lubricating and self Flushing .
- Material :

Corrosion Resistant Stainless Steel AISI 316L
- Bearing : Double bearing made of Stainless Steel AISI 316L



Max Spray Dia : 2.1 Meters
operating Pressure : 2 Bar
Max Temp. : 140°C
Coverage : 360° & Partial

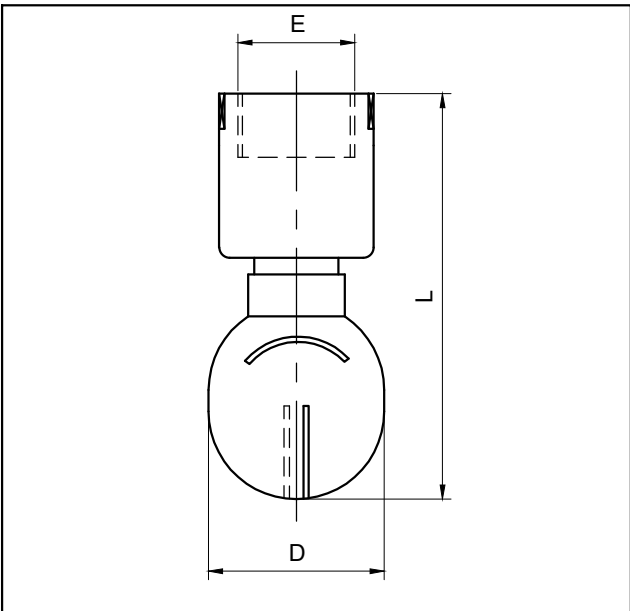


SR	MODEL NUMBER	END CONNECTION	FLOW RATE			DIMENSIONS	
			@ BAR			DIA	LENGTH
			1	2	3	D	L
1	JSR-KMI.089.24.3A.AL	3/4" BSP(F)	67	89	58	45	107
2	JSR-KMI.089.24.3A.AN	1" BSP(F)	67	89	58	45	116

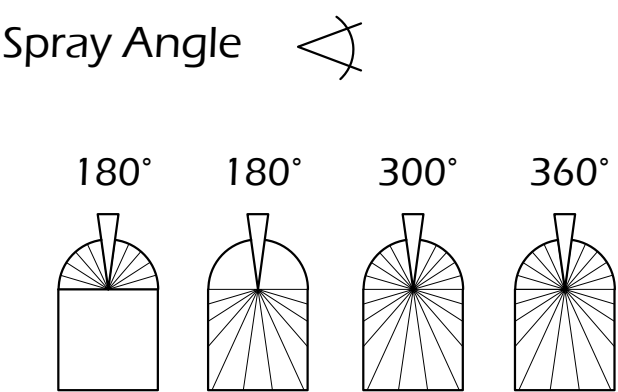
JSR SELF ROTATING SPRAY BALL - SERIES KMA

- High flow slot Orifices produce big spray from a small head.
- Head balance for minimum vibration
- Free spinning, self Lubricating and self Flushing .
- Material :

Corrosion Resistant Stainless Steel AISI 316L
- Bearing : Double bearing made of Stainless Steel AISI 316L



Max Spray Dia : 2.5 - 3 Meters
operating Pressure : 2 Bar
Max Temp. : 140°C
Coverage : 360° & Partial

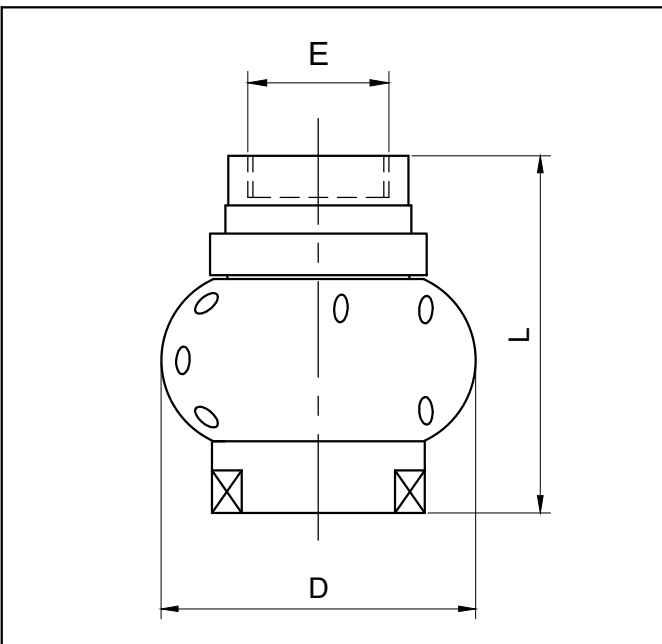


SR	MODEL NUMBER	END CONNECTION	FLOW RATE			DIMENSIONS	
			@ BAR			DIA	LENGTH
			1	2	3	D	L
1	JSR-KMA.130.24.3A.AN	1" BSP(F)	99	130	153	50	115
2	JSR-KMA.160.24.3A.AN	1" BSP(F)	121	160	188	50	115
3	JSR-KMA.190.24.3A.AN	1" BSP(F)	145	190	223	54	130

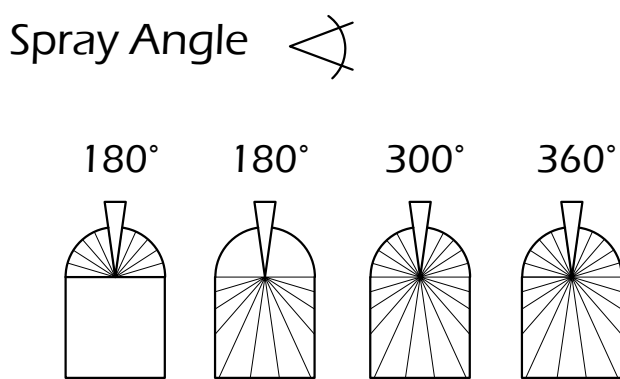
JSR SELF ROTATING SPRAY BALL - SERIES K83,PTFE VERSION

- Material : PTFE .
- Bearing : PTFE .

Slide Bearing .
- Corrosion Resistant.
- Light Weight.
- Balanced Rotating Action.
- Operates in every position .
- Free Spinning, Self Lubricating & Self Flushing .
- Recommended for Glass Lined Tanks .



Max Spray Dia : 3 Meters
operating Pressure : 2 Bar
Max Temp. : 140°C
Coverage : 360° & Partial

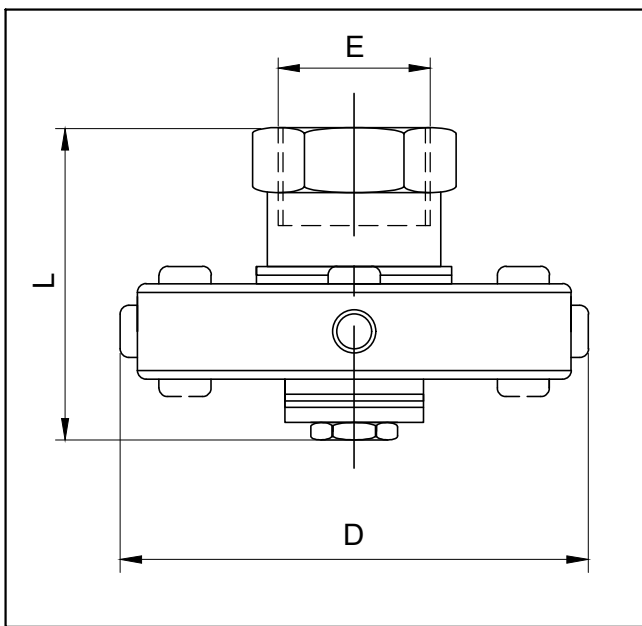


SR	MODEL NUMBER	END CONNECTION	FLOW RATE			DIMENSIONS	
			@ BAR			DIA	LENGTH
			1	2	3	D	L
1	JSR-K83.050.24.3S.AL	3/4" BSP(F)	52 TO 105 LPM			60	71
2	JSR-K83.100.24.3S.AN	1" BSP(F)	52 TO 228 LPM			74	84



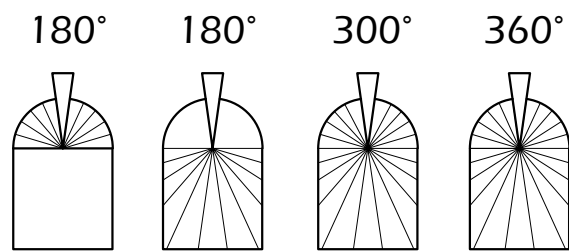
JSR GYRO TYPE SPRAY BALL - K77

- Material : Stainless Steel 316
- Bearing : PTFE Sliding Bearing
- High Cleaning Performance at low pressure .
- PTFE Bearing easily replaced to extend the service life .
- Free Spinning ,Self Lubricating & Self Flushing .
- Heavy Duty, High Capacity .



Max Spray Dia : 6.9 Meters
operating Pressure : 2 Bar
Max Temp. : 200°C
Coverage : 360° & Partial

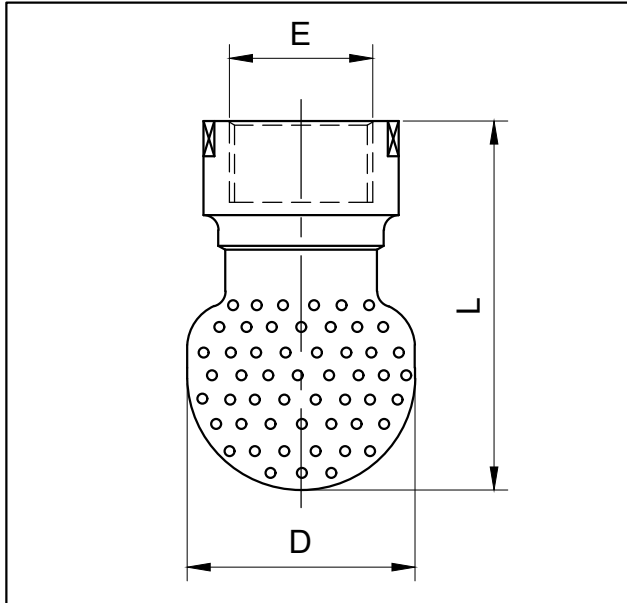
Spray Angle



SR NO.	MODEL NUMBER	END CONNECTION	FLOW RATE			DIMENSIONS	
			@ BAR			DIA	LENGTH
			1	2	3	D	L
1	JSR.K77.150.24.3A.AN	3/4" BSP(F)	152 TO 305 LPM			117	68
2	JSR.K77.300.24.3A.AW	2" BSP(F)	305 TO 602 LPM			151	97

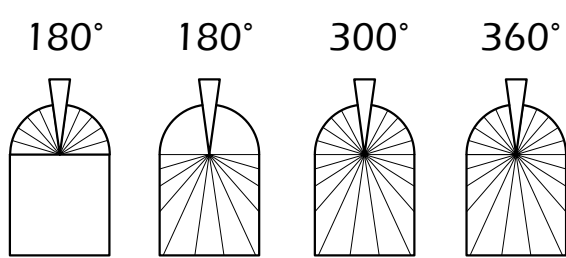
JSR STATIC SPRAY BALL - SERIES K27

- Material : Corrosion Resistant Stainless Steel AISI 316L OR TEFLON
- Very Effective Static Spray Ball.
- Sharp and Straight Solidjets, Exellent for rinsing .
- Very fine surface finish inside and outsides
- APPLICATIONS : For sanitary Environment Dairies, Pharmaceuticals processing, Food & Beverage Manufacturer & High purity chemicals.



Max Spray Dia : 3.0 Meters
operating Pressure : 2 Bar
Max Temp. : 200°C
Coverage : 360° & Partial

Spray Angle



SR NO.	MODEL NUMBER	END CONNECTION	FLOW RATE			DIMENSIONS	
			@ BAR			DIA	LENGTH
			1	2	3	D	L
1	JSR.K27.050.24.3A.AL	3/4" BSP(F)	21	28	33	24	38
2	JST.K27.050.24.3A.AL	3/8" BSP(M)	23	30	35	24	43
3	JST.K27.040.24.3A.AH	1/2" BSP(F)	30	40	47	30	45
4	JST.K27.060.24.3A.AL	3/4" BSP(F)	45	60	71	42	68
5	JST.K27.060.24.3A.TF10	1" PIN TYPE	45	60	71	42	68
6	JST.K27.110.24.3A.AN	1" BSP(F)	100	110	120	54	95
7	JSR.K27.170.24.3A.TF150	1.5" PIN TYPE	129	170	200	65	116
8	JSR.K27.210.24.3A.TF200	2" PIN TYPE	160	210	250	98	150



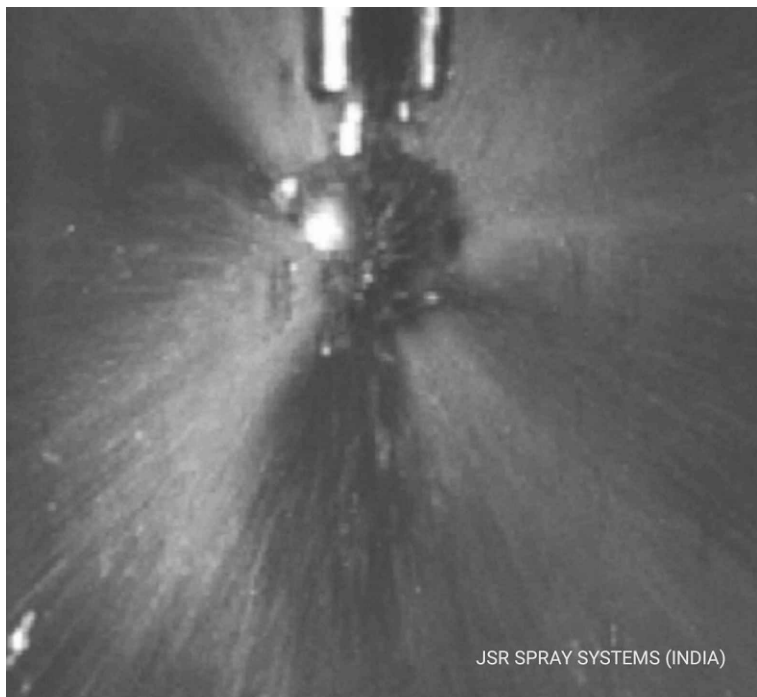
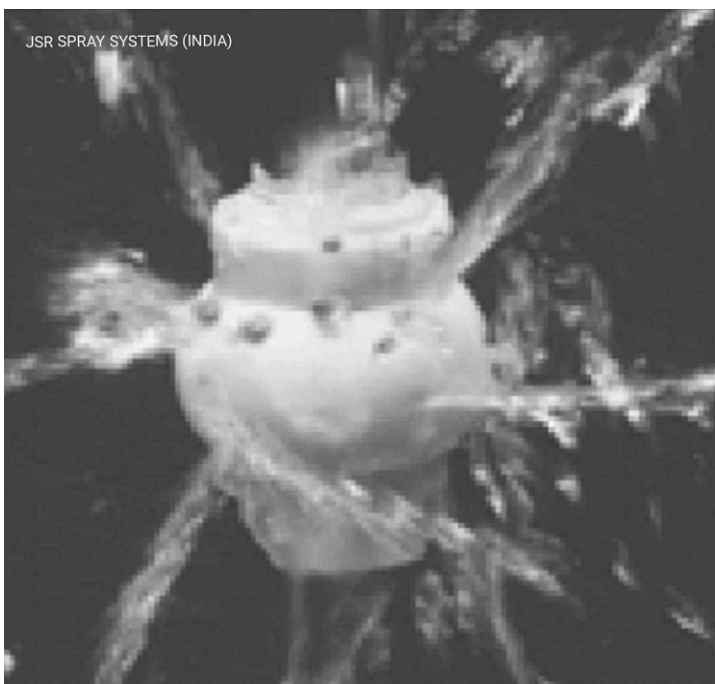
TANK CLEANING NOZZLES

"TANK CLEANING NOZZLES" are Process efficient & much more reliable this is safe cleaning practice it's require less labour & also cleaning media.

All rotating nozzles heads make the devise suitable or all industrial cleaning application including tanks,reactors, vessels and other containers ranging from 450 mm to 5 Meters.

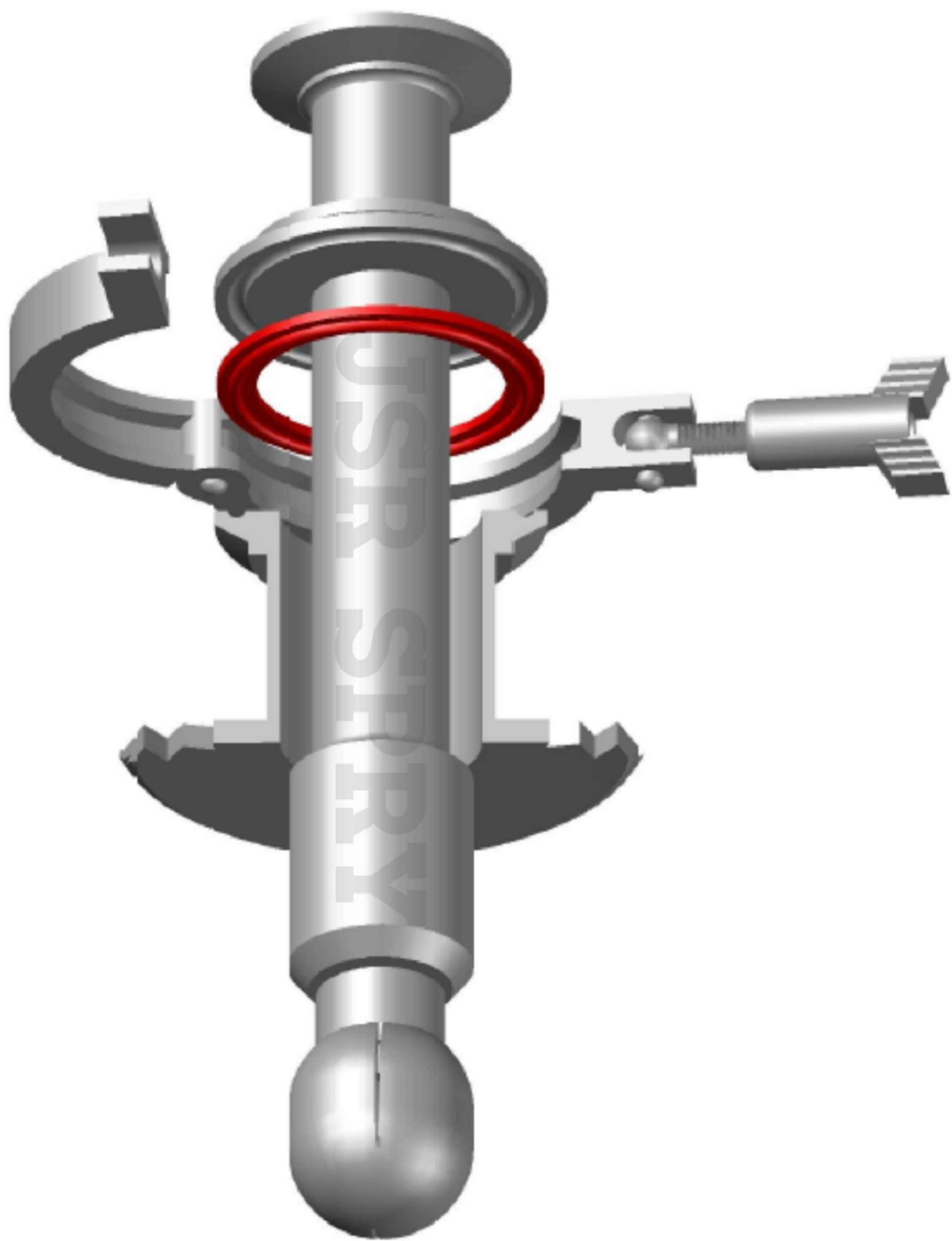
why tank cleaning nozzles ?

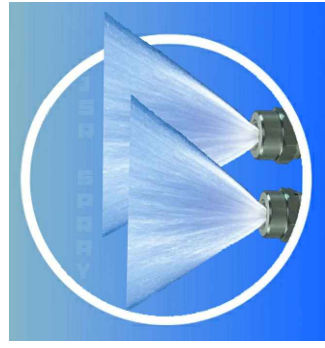
- Guarantee the product integrity of what processed
- To prevent Cross Contamination
- To reduce time & Man power
- To prevent Explosive atmoshere
- To control microbiological activity



TECHNICAL DATA SHEET

Flow Rate(lpm)@ 2 Bar	Spray Angle	Inlet Connection	Materials
1 to 1000	180°,300°,360°	1/8" to 3" BSPT/BSP/NPT or TC connections	SS - 316L,316,304 Brass, Nylon





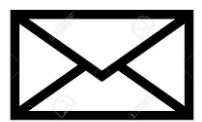
JSR SPRAY SYSTEMS (INDIA)

MFG . & DESIGNERS OF INDUSTRIAL SPRAY NOZZLES
& SPRAY SYSTEMS

Contact



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