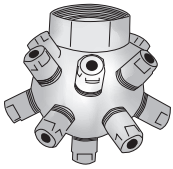


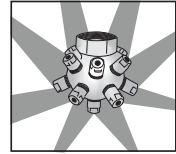
Tank / Container Series - Cleaning Nozzle



Nozzle Features

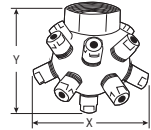
6160 and 10250 static series tank washing nozzles are designed for cleaning small to medium tanks by dispersing liquid onto tank surface and are available in various flow rates.

6160 and 10250 static series tank washing nozzles are fitted with 13 individual full cone spray nozzles and can be removed, cleaned and replaced at anytime.



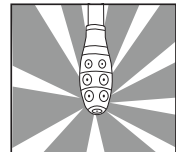
NOZZLE THREAD CONN.	NOZZLE CODE	FLOW RATES (LPM @ BarG)						EFFECTIVE WETTING DIA. @ 2.0 BarG (m)	APPROX. DIMENSIONS	
		1.0	2.0	3.0	5.0	7.0	10.0		X (mm)	Y (mm)
1-1/2	6160-GCJ31	29	41	49	62	73	86	1.1	115	115
	6160-GCJ41	38	53	64	81	95	112	2.0	115	115
	6160-GCJ63	59	82	99	126	147	174	2.8	115	115
	6160-GCJ76	72	99	120	152	178	211	3.5	130	125

NOZZLE THREAD CONN.	NOZZLE CODE	FLOW RATES (LPM @ BarG)						APPROX. DIMENSIONS	
		1.0	2.0	3.0	5.0	7.0	10.0	X (mm)	Y (mm)
3	10250-CJ155	145	201	243	309	362	428	195	170
	10250-CJ249	234	324	392	498	583	690	195	170
	10250-CJ290	271	376	455	578	677	801	215	175
	10250-CJ510	478	662	801	1018	1192	1410	215	175
	10250-CJ581	545	755	914	1162	1361	1609	230	185
	10250-CJ871	817	1132	1370	1741	2040	2412	230	185



Nozzle Features

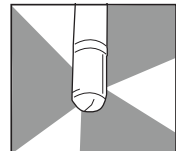
9800 series static rinsing nozzle are designed to clean small tanks and vessels. Both models house low flow full cone tips and under liquid pressure disperse an effective 360° spray pattern to maximize cleaning of internal surfaces.



NOZZLE THREAD CONN.	NOZZLE CODE	FLOW RATES (LPM @ BarG)				APPROX. HEIGHT (mm)	APPROX. WIDTH (mm)
		4.0	6.0	7.0	10.0		
1	9800-715	21	25	26	31	155	35
	9800-921	28	34	36	43	155	35

Nozzle Features

19250 series rotating tank washing nozzles are designed for small vessels and the nozzle rotates under water pressure up to 10 BarG, dispersing high impact flat fans in a 360° spray pattern to maximize cleaning of internal surfaces.



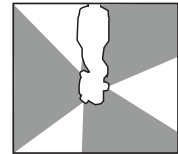
NOZZLE THREAD CONN.	NOZZLE CODE	FLOW RATES (LPM @ BarG)				APPROX. HEIGHT (mm)	APPROX. WIDTH (mm)
		3.0	5.0	8.0	10.0		
1/2	19250-5	20	25	32	36	90	26
	19250-6	22	29	37	41	90	26
	19250-7	28	36	45	50	90	26
	19250-8	32	41	52	58	90	26
	19250-9	39	51	64	72	90	26

Tank / Container Series - Cleaning Nozzle



Nozzle Features

28250 series rotating series tank washing nozzles are designed for small to medium tanks and rotates under water pressure up to 10 BarG, dispersing high impact flat fans in a 360° spray pattern to maximize cleaning of internal surfaces.



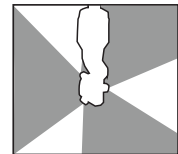
Performance Data

NOZZLE THREAD CONN.	NOZZLE CODE	FLOW RATES (LPM @ BarG)				APPROX. HEIGHT (mm)	APPROX. WIDTH (mm)
		1.0	2.0	3.0	4.0		
3/4	28250-27	22	32	43	49	125	60
	28250-29	40	55	70	80	125	60



Nozzle Features

36250 series rotating series tank washing nozzles are designed for small to medium tanks and rotates under water pressure up to 10 BarG, dispersing high impact flat fans in a 360° spray pattern to maximize cleaning of internal surfaces.



Performance Data

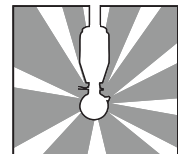
NOZZLE THREAD CONN.	NOZZLE CODE	FLOW RATES (LPM @ BarG)				APPROX. HEIGHT (mm)	APPROX. WIDTH (mm)
		1.0	2.0	3.0	4.0		
3/4	36250-16	49	68	84	94	155	35
	36250-18	101	140	180	201	155	35



Nozzle Features

The 50250 Rotating Series tank washing nozzle are designed for small to medium tanks. This nozzle rotates at a slow speed to disperse jets of liquid onto tank surface to maximize cleaning.

The 50250 Rotating Series tank washing nozzle has a effective cleaning diameter of 3.5 metres and a wetting diameter of 7 metres.



Performance Data

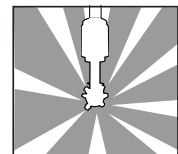
NOZZLE THREAD CONN.	NOZZLE CODE	FLOW RATES (LPM @ BarG)					RPM	CLEANING DIA.	WETTING DIA.	APPROX. WEIGHT (gms)	MAX OPERATING TEMP. DEG°
		2.0	4.0	7.0	10.0	13.0					
3/4	50250	51.0	63.0	91.0	107.0	121.0	3 - 15	to 3.5 m	to 7.0 m	1100	121



Nozzle Features

The 75250 Rotating Series tank washing nozzle are designed for medium to large tanks. This nozzle rotates at a slow speed to disperse jets of liquid onto tank surface to maximize cleaning.

The 75250 Rotating Series tank washing nozzle has a effective cleaning diameter of 7.0 metres and a wetting diameter of 12 metres.



Performance Data

NOZZLE THREAD CONN.	NOZZLE CODE	FLOW RATES (LPM @ BarG)					RPM	CLEANING DIA.	WETTING DIA.	APPROX. WEIGHT (gms)	MAX OPERATING TEMP. DEG°
		2.0	4.0	7.0	10.0	13.0					
1-1/2	75250	121	166	208	246	287	3 - 15	to 7.0 m	to 12.0 m	2200	121

Applications

- Tank Cleaning
- Chemical Vessels
- Head Box
- Dairy Tanks

Ordering Example

1-1/2-RS-SS-75250

Available Materials

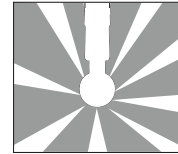
316ss / PTFE

Tank / Container Series - Cleaning Nozzle



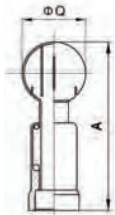
Nozzle Features

The 50046 economical rotating series tank washing nozzles are designed for small to medium tanks. This nozzle rotates under water pressure dispersing fans of liquid onto tank surface to maximize cleaning.



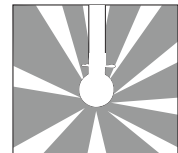
Performance Data

NOZZLE THREAD CONN.	NOZZLE CODE	FLOW RATE (m ³ /h) LPH @ BarG	CLEANING DIA. @ 2.0 BarG	APPROX. DIMENSIONS (mm)	
		2.0	(m)	A	Q
1	50046-1	12	2.5	140	53
1-1/4	50046-1-1/4	12	2.5	160	53
1-1/2	50046-1-1/2	12	2.5	170	63
2	50046-2	38	3.0	192	76
2-1/2	50046-2-1/2	38	4.0	220	91



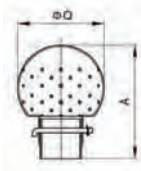
Nozzle Features

50053 series static spray balls are designed for small to medium tanks and under liquid pressure disperse solid stream jets in 180° and 360° spray patterns to maximize cleaning of internal surfaces. The spray ball is held on tube with a sanitary connection clip.



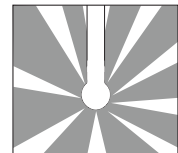
Performance Data

NOZZLE TUBE CONN.	NOZZLE CODE	180° FLOW RATE (m ³ /h) LPH @ BarG	360° FLOW RATE (m ³ /h) LPH @ BarG	CLEANING DIA. @ 2.0 BarG	APPROX. DIMENSIONS (mm)	
		2.5	2.5	(m)	A	Q
1/2	50053-1/2	5	8	1.5	58	40
3/4	50053-3/4	9	16	2.0	70	50
1	50053-1	10	17	2.5	95	63
1-1/4	50053-1-1/4	17	23	3.5	110	76
1-1/2	50053-1-1/2	17	23	3.5	110	76
2	50053-2	38	55	6.0	125	91
2-1/2	50053-2-1/2	41	58	7.0	135	100



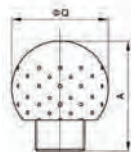
Nozzle Features

50050 series static spray balls are designed for small to medium tanks and under liquid pressure disperse solid stream jets in 180° and 360° spray patterns to maximize cleaning of internal surfaces. The spray ball inlet connection is threaded female.



Performance Data

NOZZLE TUBE CONN.	NOZZLE CODE	180° FLOW RATE (m ³ /h) LPH @ BarG	360° FLOW RATE (m ³ /h) LPH @ BarG	CLEANING DIA. @ 2.0 BarG	APPROX. DIMENSIONS (mm)	
		2.5	2.5	(m)	A	Q
1/2	50050-1/2	5	8	1.5	56	40
3/4	50050-3/4	9	16	2.0	66	50
1	50050-1	10	17	2.5	72	63
1-1/4	50050-1-1/4	17	23	3.5	85	76
1-1/2	50050-1-1/2	17	23	3.5	85	76
2	50050-2	38	55	6.0	102	91



Applications

- Tanker Cleaning
- Sewerage Tanks
- Wine Tanks
- Dairy Tanks

Ordering Example

2-50050-2-316L

Available Materials

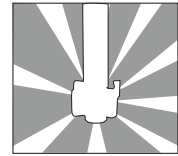
316L

Tank / Container Series - Cleaning Nozzle

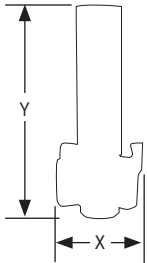


Nozzle Features

40250 economical rotating series tank washing nozzles are designed to clean small to medium tanks. This nozzle rotates under water pressure dispersing fans of liquid onto tank surface to maximize cleaning. Inlets are available in tube and threaded connections. Sanitary clip holder is standard on all models, bolted versions are available on request.



Performance Data



NOZZLE TUBE CONN.	NOZZLE CODE	FLOW RATES (LPM @ BarG)				EFFECTIVE WETTING DIA. @ 2.0 BarG	APPROX. DIMENSIONS	
		1.5	2.0	3.0	4.0		X (mm)	Y (mm)
1	40250	80	100	115	135	3.5	50	122
1-1/2		170	200	245	275	4.0	72	158
2		440	495	595	700	4.5	72	160

Applications

- Milk Storage
- Wine Tanks
- Sewerage Tanks
- Process Vessels

Ordering Example

2-40250-SSPA

Available Materials

316SS / PA

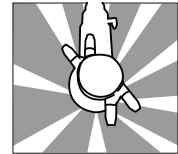
* Other materials available on request

Large Tank Series - Cleaning Head

Nozzle Features



60250 rotating series tank washing heads are designed to clean medium to large tanks. 60250 rotating series tank washing heads are fitted with four jetting nozzles that rotate under water pressure dispersing jets of liquid onto tank surface to maximize cleaning. Two nozzle orifice sizes are available to achieve best cleaning results.



Performance Data

NOZZLE THREAD CONN.	NOZZLE CODE	NOZZLE SIZING	FLOW RATES (LPM @ BarG)					APPROX. CLEANING DIA. @ 5.0 BarG	APPROX. CYCLE TIME
			(mm)	3.0	4.0	5.0	7.0		
1	60250	4.0	80.0	100.0	116.0	140.0	150.0	7.2	8
		6.0	140.0	172.0	204.0	246.0	262.0	12.0	11
1-1/2	60250	4.0	80.0	100.0	116.0	140.0	150.0	7.2	8
		6.0	140.0	172.0	204.0	246.0	262.0	12.0	11

Applications

- Fuel Tanks
- Process Vessels
- Paint Tanks
- Grain Silos

Ordering Example

1-60250-316L-4

Available Materials

316L