

TANKJET® 3996 SPRAY BALLS

FEATURES AND BENEFITS

- Stationary spray balls are ideal for sanitary rinsing and low-pressure washing, offering a low-cost way to handle easy-to-remove residues
- CIP or thread connection
- No moving parts spray balls, well-suited to clean-in-place (CIP) installations
- Self-draining design that prevents buildup
- Can be installed in any position
- Materials: Stainless steel, Alloy C-276 and PTFE



TankJet Spray ball

SPRAY COVERAGE	
360°	
180° Up	
180° Down	
260° Up	

SPECIFICATIONS

TankJet® 3996 Spray Balls	
Max. tank diameter:	0.5 to 6.0 m
Operating principle:	Stationary
Flow rate:	8 to 1,300 l/min
Operating pressure:	1.0 to 2.8 bar
Max. temperature:	up to 204 °C
Materials:	1.4571, 1.4435, Alloy C-276, PTFE
Inlet tube size:	1/8", 1/4", 1/2", 1", 2", DN 8 - DN 50

MOUNTING OPTIONS	
Vertical	
Horizontal	
45° Up	
45° Down	

IDEAL FOR CLEANING:

- Chemical processing tanks
- Food processing vats and tanks
- Pharmaceutical vessels

DIMENSIONS

TankJet 3996 Spray Balls	DN	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	H (mm)	Thread
	8	7.5	8.2	2.2	20	15	32.5	G 1/8" (male)
	10	9	12.2	2.2	24	17	37.5	G 1/8"
	15	9	18.2	2.2	30	18	42	G 1/4" ; 3/8"
	20	9	22.2	2.5	40	21	53	G 1/2"
	25	18	28.2	2.8	64	35	90	G 1"
	32	18	34.2	2.8	64	35	90	G 1"
	40	18	40.3	2.8	64	35	90	G 1"
	50	25	52.3	3.3	90	47.5	121.5	G 2"

PERFORMANCE DATA

Spray Coverage	Type	Cov.	DN	CIP size (mm)	Coverage Diameter (m)	Flow Rate l/min	
						1.0 bar	2.5 bar
360°	M1	1	8	-	max. 0.5	8.3	-
	X1	1	10	12.2	0.5 - 1.0	35.0	-
	Y1	1	15	18.2	1.0 - 1.5	70.0	-
	A2	1	20	22.2	2.0 - 2.5	128	203
	B3	1	25	28.2	2.0 - 3.0	183	288
	B5	1	25	28.2	3.0 - 4.0	292	468
	F4	1	32	34.2	2.5 - 3.5	225	367
	F5	1	32	34.2	3.0 - 4.0	362	592
	C4	1	40	40.3	2.5 - 3.5	197	320
	C5	1	40	40.3	3.0 - 4.0	380	613
	D4	1	50	52.3	4.0 - 5.0	477	785
	D5	1	50	52.3	6.0	818	1312
180° Up	X1	2	10	12.2	0.5 - 1.0	25	-
	Y1	2	15	18.2	1.0 - 1.5	50	-
	A2	2	20	22.2	2.0 - 2.5	93	143
	B3	2	25	28.2	2.5 - 3.0	145	213
	B5	2	25	28.2	3.0 - 4.0	237	383
	F4	2	32	34.2	2.5 - 3.5	163	260
	F5	2	32	34.2	3.0 - 4.0	267	445
	C4	2	40	40.3	2.5 - 3.5	160	247
	C5	2	40	40.3	3.0 - 4.0	248	413
	D4	2	50	52.3	4.0 - 4.5	325	510
	D5	2	50	52.3	6.0	517	850
	D6	2	50	52.3	10.0	602	1000

Spray Coverage	Type	Cov.	DN	CIP size (mm)	Coverage Diameter (m)	Flow Rate l/min	
						1.0 bar	2.5 bar
180° Down	X1	3	10	12.2	0.5 - 1.0	25	-
	Y1	3	15	18.2	1.0 - 1.5	47	-
	A2	3	20	22.2	2.0 - 2.5	105	163
	B3	3	25	28.2	2.0 - 3.0	117	182
	B5	3	25	28.2	3.0 - 4.0	207	333
	F4	3	32	34.2	2.5 - 3.5	130	208
	F5	3	32	34.2	3.0 - 4.0	228	367
	C4	3	40	40.3	2.5 - 3.5	173	270
	C5	3	40	40.3	3.0 - 4.0	233	370
	D4	3	50	52.3	4.0 - 4.5	283	467
	D5	3	50	52.3	6.0	512	828
	270° Up	A2	4	20	22.2	2.0 - 2.5	125
B3		4	25	28.2	2.0 - 3.0	167	263
B5		4	25	28.2	3.0 - 4.0	267	437
F4		4	32	34.2	2.5 - 3.5	190	310
F5		4	32	34.2	3.0 - 4.0	333	543
C4		4	40	40.3	2.5 - 3.5	182	277
C5		4	40	40.3	3.0 - 4.0	300	500
D4		4	50	52.3	4.0 - 4.5	462	750
D5		4	50	52.3	6.0	750	1238

ORDERING INFORMATION

TANKJET SPRAY BALLS 3996



Connection (Female thread):
 None = CIP connection
 G1/8 = G 1/8" (only DN10)
 G1/4 = G 1/4" (only DN15)
 G3/8 = G 3/8" (only DN15)
 G1/2 = G 1/2" (only DN20)
 G1 = G 1" (only DN25, DN32 and DN40)

Material:
 None = 1.4571 (Standard)
 1.4435 = 1.4435
 HC22 = Alloy C-276
 PTFE = PTFE

Surface quality:
 None = Standard (Ra 0.8 µm - 1 µm)
 P = Outer surface polished (Ra ≤ 0.8 µm)

¹ = Type (chart above)

² = Spray coverage code (chart above)

