

25BPJ-FP-ADJ 25BPJ-FP-ADJ-DA-TNT

1/2" (13mm) Full or Part Circle, Brass Impact Sprinklers

- Durable brass die-cast, 'precision jet' (PJ) arm
- Stainless steel springs and fulcrum pin
- PJ arm reduces side splash

Features

- Chemically resistant washers
- All models include integral (to sprinkler body) break-up pin for adjustable distribution (ADJ)
- DA option also includes integral (to sprinkler body) distance control flap
- Full or Part Circle operation

Benefits

- Many options provide design and application flexibility
- Corrosion and grit resistant
- Built to last
- Five-year Customer Satisfaction Policy

Specifications

- Bearing: 1/2" (13mm) Male NPT, Brass
- Trajectory Angle: 25°
- Operating Range: 30-50 psi (2.1-3.5 bar)
- Flow Rate: 3.1-5.0 gpm (0.7-1.14 m³/h)
- Radius: 38-41 ft. (11.6-12.5 meters)
- Nozzle Port: 1/8" Female NPT

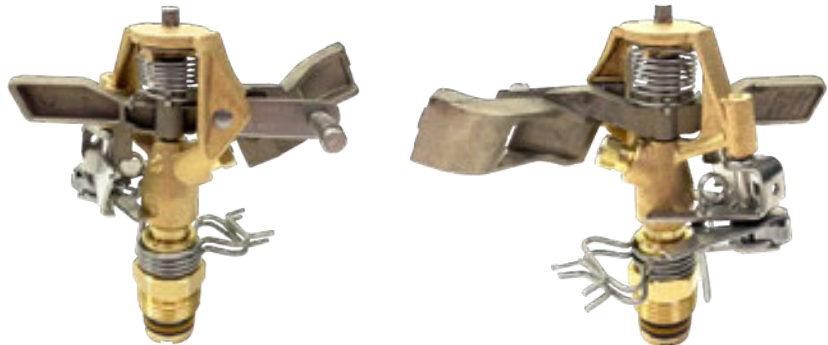
Straight Bore Nozzle (SBN-1) Performance*

psi@ Nozzle	NOZZLE SIZE (Stream Height: 7 ft.)			
	9/64"		5/32"	
	Rad. (ft.)	Flow (gpm)	Rad. (ft.)	Flow (gpm)
30	38	3.10	39	3.80
35	38	3.40	39	4.10
40	39	3.60	40	4.40
45	39	3.80	40	4.70
50	40	4.00	41	5.00

Straight Bore Nozzle (SBN-1) Performance*

METRIC

bar@ Nozzle	NOZZLE SIZE (Stream Height: 2.1m)					
	3.57 mm (9/64")			3.97 mm (5/32")		
	Rad. (m)	Flow (l/s)	Flow (m³/h)	Rad. (m)	Flow (l/s)	Flow (m³/h)
2.1	11.6	0.20	0.70	11.9	0.24	0.86
2.5	11.8	0.22	0.77	12.0	0.26	0.95
3.0	12.0	0.24	0.85	12.2	0.29	1.05
3.5	12.2	0.25	0.91	12.5	0.32	1.14



Item Numbers and Ordering Information

Assembled Sprinkler/Nozzle Factory Combination	
25BPJ-FP-ADJ w/SBN-1 9/64" 3.57mm	A32901-09
25BPJ-FP-ADJ w/SBN-1 5/32" 3.97mm	A32901-10
25BPJ-FP-ADJ-DA-TNT w/SBN-1 9/64" 3.57mm	A34403-09
25BPJ-FP-ADJ-DA-TNT w/SBN-1 5/32" 3.57mm	A34403-10

Nozzle Only			XX = Nozzle Size	
U.S. Standard			9/64"	5/32"
Metric			3.57 mm	3.97 mm
Brass Straight Bore Nozzle	SBN-1	105780-XX	09	10

Bold nozzle size number denotes the most common nozzle choice.