

## 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 m<sup>3</sup>/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\*

bar@ Nozzle	NOZZLE SIZE (Stream Height: 2.1m)					METRIC
	3.57 mm (9/64")			3.97 mm (5/32")		
	Rad. (m)	Flow (l/s)	Flow (m <sup>3</sup> /h)	Rad. (m)	Flow (l/s)	Flow (m <sup>3</sup> /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



### Part Numbers and Ordering Information

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

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	<b>105780-XX</b>	<b>09</b> <b>10</b>

Bold nozzle size number denotes the most common nozzle choice.