

U.S. STANDARD DATA | METRIC DATA



20ADJB08 / 20ADJB10

1/2" 13mm Full Circle, Brass Impact Sprinkler

Bearing: 1/2" Male NPT, Brass
Trajectory Angle: 23°
Operating Range: 30-70 psi 2.1-4.8 bar
Flow Rate: 2.4-5.9 GPM. 0.54-1.34 m³/h
Radius: 39-41 ft. 11.6-12.5m

Features

- Heavy duty brass construction
- Stainless steel springs and fulcrum pin
- Chemically resistant washers
- Two-year warranty

Benefits

- Wide range of flow rates
- Corrosion and grit resistant
- Built to last

PERFORMANCE DATA

2ADJB08 / 20ADJB10

STRAIGHT BORE NOZZLE (SBN-1)*

(Stream Height: 2.5 ft.)

PSI @ Nozzle	NOZZLE SIZE US STANDARD					
	1/8"		9/64"		5/32"	
	Rad.	GPM	Rad.	GPM	Rad.	GPM
30	39.0	2.4	39.0	3.1	39.0	3.8
40	39.0	2.9	40.0	3.62	40.0	4.4
50	40.0	3.2	40.0	4.00	41.0	5.0
60	40.0	3.6	41.0	4.4	41.0	5.5
70	40.0	3.9	41.0	4.8	41.0	5.9

STRAIGHT BORE NOZZLE (SBN-1)

(Stream Height: 0.8m)

BARS @ Nozzle	NOZZLE SIZE METRIC								
	3.18 mm (1/8")			3.57 mm (9/64")			3.97 mm (5/32")		
	Rad. (m)	Flow (lps)	Flow (m³/h)	Rad. (m)	Flow (lps)	Flow (m³/h)	Rad. (m)	Flow (lps)	Flow (m³/h)
2.1	11.6	0.15	0.54	11.9	0.20	0.70	11.9	0.24	0.86
2.5	11.8	0.17	0.61	12.1	0.22	0.77	12.1	0.26	0.95
3.0	11.9	0.19	0.67	12.2	0.24	0.84	12.2	0.29	1.04
3.5	12.0	0.20	0.73	12.3	0.26	0.91	12.3	0.31	1.13
4.0	12.1	0.22	0.79	12.4	0.27	0.98	12.4	0.34	1.21
4.5	12.2	0.24	0.85	12.5	0.29	1.05	12.5	0.36	1.30
4.8	12.2	0.25	0.89	12.5	0.30	1.09	12.5	0.37	1.34

* Available w/o nozzle or assembled w/ 1/8" (08) or 5/32" (10) Straight Bore Nozzle. See Chart below.

Part Numbers and Ordering Information

Assembled Sprinkler/Nozzle Factory Combination	
Sprinkler with Nozzle SBN-1 1/8" 20ADJB08	A0231108
Sprinkler with Nozzle SBN-1 5/32" 20ADJB10	A0231110

Nozzle Only		XX = Nozzle Size		
U.S. Standard		1/8"	9/64"	5/32"
Metric		3.18 mm	3.57 mm	3.97 mm
Brass Straight Bore Nozzle	SBN-1 105780-XX	08	09	10

Bold nozzle size numbers denote the most common nozzle choices.