



PERFORMANCE DATA

20-14H

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

Bearing: 1/2" Male NPT, Brass
Trajectory Angle: 23°
Operating Range: 1.4-5.5 bars
Flow Rate: 0.18-0.79 m³/h
Radius: 9.46-12.20 meters

FEATURES

- Durable brass die-cast arm
- Stainless steel springs and fulcrum pin
- Chemically resistant washers
- Two-year warranty

BENEFITS

- Spoon drive arm runs on larger nozzles and higher pressures
- Corrosion and grit resistant
- Built to last

Straight Bore Nozzle (SBN-1) (Stream Height: 1.8m)

BARS @ Nozzle	NOZZLE SIZE											
	1.98 mm (5/64")			2.38 mm (3/32")			2.78 mm (7/64")			3.18 mm (1/8")		
	Rad. (m)	Flow (lps)	Flow (m ³ /h)	Rad. (m)	Flow (lps)	Flow (m ³ /h)	Rad. (m)	Flow (lps)	Flow (m ³ /h)	Rad. (m)	Flow (lps)	Flow (m ³ /h)
1.4	9.4	0.05	0.18	10.4	0.07	0.26	11.0	0.10	0.35	11.1	0.13	0.46
1.5	9.6	0.05	0.19	10.5	0.07	0.27	11.1	0.10	0.37	11.2	0.13	0.48
2.0	10.0	0.06	0.22	10.8	0.09	0.31	11.4	0.12	0.42	11.6	0.15	0.55
2.5	10.2	0.07	0.24	11.0	0.10	0.35	11.6	0.13	0.47	11.8	0.17	0.62
3.0	10.4	0.07	0.26	11.2	0.11	0.38	11.8	0.14	0.52	12.0	0.19	0.68
3.5	10.7	0.08	0.29	11.3	0.11	0.41	11.9	0.16	0.56	12.1	0.20	0.73
4.0	10.9	0.08	0.31	11.4	0.12	0.44	12.0	0.17	0.60	12.2	0.22	0.78
4.1	11.0	0.09	0.31	11.4	0.12	0.45	12.0	0.17	0.61	12.2	0.22	0.79

Rain Flow Nozzle (RFN-1)

BASE PRESSURE BARS	RADIUS (m)		
	0.34 m ³ /h (0.09 lps)	0.45 m ³ /h (0.13 lps)	0.57 m ³ /h (0.16 lps)
2.1	10.4	10.8	11.4
2.5	10.5	10.9	11.5
3.0	-	11.0	11.6
3.5	-	11.1	11.7
4.0	-	11.2	11.7
4.5	-	11.4	11.8
5.0	-	11.4	11.9
5.5	-	11.4	11.9

PART NUMBERS AND ORDERING INFORMATION

Ordering Example	MAKE YOUR SPRINKLER CHOICE FROM CHART 1	CHOOSE NOZZLE SIZE (S) FROM CHART 2	ADD THEM TOGETHER TO CREATE THE PART NUMBER
To order a 20-14H sprinkler with a 2.38 mm Plastic Straight Bore Nozzle the part number would be:	A00428-	06	A00428-06

Chart 1	PART NUMBER: FIRST HALF
SPRINKLER ONLY	
Sprinkler without Nozzle	A00427
SPRINKLER WITH SINGLE NOZZLE INSTALLED	
Sprinkler with SBN-1	A00428-
Sprinkler with LPN-1	A00429-
Sprinkler with RFN-1	A00430-
Sprinkler with PQFN-1	A00431-

Chart 2	PART NUMBER: SECOND HALF			
NOZZLE	1.98 mm	2.38 mm	2.78 mm	3.18 mm
Plastic Straight Bore Nozzle (105780-) SBN-1	05	06	07	08
Plastic Low Pressure Nozzle (104571-) LPN-1	05	06	07	08
Plastic Straight Bore Quick-Fit Nozzle (117324-) PQFN-1	05	06	07	08
RAIN FLOW NOZZLE				
Brass Rain Flow Nozzle (111088-) RFN-1	01-50	02-00	02-50	

Bold nozzle size numbers denote the most common nozzle choices.