



PERFORMANCE DATA

20JH

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

Bearing: 1/2" Male NPT, Brass
Trajectory Angle: 23°
Operating Range: 2.4-5.5 bars
Flow Rate: 0.45-1.24 m³/h
Radius: 11.59-13.42 meters

FEATURES

- Durable brass die-cast arm
- Stainless steel springs and fulcrum pin
- Chemically resistant Teflon™ 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											
	2.78 mm (7/64")			3.18 mm (1/8")			3.57 mm (9/64")			3.97 mm (5/32")		
	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)
2.4	11.6	0.13	0.47	11.7	0.17	0.61	12.0	0.21	0.77	12.0	0.26	0.95
2.5	11.6	0.13	0.47	11.8	0.17	0.62	12.1	0.22	0.78	12.0	0.27	0.97
3.0	11.8	0.14	0.52	12.0	0.19	0.68	12.2	0.24	0.86	12.1	0.29	1.06
3.5	11.9	0.16	0.56	12.1	0.20	0.73	12.3	0.26	0.93	12.3	0.32	1.14
4.0	12.0	0.17	0.60	12.2	0.22	0.78	12.4	0.27	0.99	12.4	0.34	1.22
4.1	12.0	0.17	0.61	12.2	0.22	0.79	12.5	0.28	1.01	12.5	0.35	1.24

Straight Bore Nozzle with Vane (SBN-1V)

(Stream Height: 2.1m)

BARS @ Nozzle	NOZZLE SIZE											
	2.78 mm (7/64")			3.18 mm (1/8")			3.57 mm (9/64")			3.97 mm (5/32")		
	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)
2.4	11.7	0.13	0.47	12.0	0.17	0.61	12.5	0.21	0.77	12.8	0.26	0.95
2.5	11.8	0.13	0.47	12.1	0.17	0.62	12.5	0.22	0.78	12.8	0.27	0.97
3.0	12.0	0.14	0.52	12.3	0.19	0.68	12.8	0.24	0.86	13.0	0.29	1.06
3.5	12.2	0.16	0.56	12.5	0.20	0.73	13.0	0.26	0.93	13.1	0.32	1.14
4.0	12.3	0.17	0.60	12.5	0.22	0.78	13.2	0.27	0.99	13.3	0.34	1.22
4.1	12.3	0.17	0.61	12.5	0.22	0.79	13.3	0.28	1.01	13.4	0.35	1.24

Rain Flow Nozzle (RFN-1)

BASE PRESSURE BARS	RADIUS (m)	
	0.45 m ³ /h (0.13 lps)	0.57 m ³ /h (0.16 lps)
2.1	10.8	11.4
2.5	10.9	11.5
3.0	-	11.6
3.5	-	11.7
4.0	-	11.7
4.5	-	11.8
5.0	-	11.9
5.5	-	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 20JH sprinkler with a 2.78 mm Straight Bore Nozzle the part number would be:	A05841-	07	A05841-07

Chart 1	PART NUMBER: FIRST HALF
SPRINKLER ONLY	
Sprinkler without Nozzle	A05840
SPRINKLER WITH SINGLE NOZZLE INSTALLED	
Sprinkler with SBN-1	A05841-
Sprinkler with LPN-1	A05842-
Sprinkler with RFN-1	A05843-
Sprinkler with SBN-1V	A05846-

Chart 2	PART NUMBER: SECOND HALF			
NOZZLE	2.78 mm	3.18 mm	3.57 mm	3.97 mm
Brass Straight Bore Nozzle (105780-) SBN-1	07	08	09	10
Brass Low Pressure Nozzle (104571-) LPN-1	07	08	09	-
Brass SBN-1 with Straightening Vane (106160-) SBN-1V	07	08	09	10
RAIN FLOW NOZZLE	0.45 m³/h		0.57 m³/h	
Brass Rain Flow Nozzle (111088-) RFN-1	02-00		02-50	

Bold nozzle size numbers denote the most common nozzle choices.