



PERFORMANCE DATA

20JH

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**1/2" Full Circle, Brass Impact Sprinkler**

Bearing: 1/2" Male NPT, Brass  
Trajectory Angle: 23°  
Operating Range: 35-80 psi  
Flow Rate: 2.0-5.47 GPM  
Radius: 35-44 ft.

**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: 6 ft.)

PSI @ Nozzle	NOZZLE SIZE							
	7/64"		1/8"		9/64"		5/32"	
	Rad.	GPM	Rad.	GPM	Rad.	GPM	Rad.	GPM
35	38	2.05	38	2.68	39	3.39	39	4.19
40	38	2.19	39	2.86	40	3.62	39	4.47
45	39	2.32	39	3.03	40	3.84	40	4.73
50	39	2.45	39	3.20	40	4.05	40	5.00
55	39	2.57	40	3.35	40	4.24	40	5.23
60	39	2.68	40	3.50	41	4.43	41	5.47

**Straight Bore Nozzle with Vane (SBN-1V)**  
(Stream Height: 7 ft.)

PSI @ Nozzle	NOZZLE SIZE							
	7/64"		1/8"		9/64"		5/32"	
	Rad.	GPM	Rad.	GPM	Rad.	GPM	Rad.	GPM
35	38	2.05	39	2.68	41	3.39	42	4.19
40	39	2.19	40	2.86	41	3.62	42	4.47
45	39	2.32	40	3.03	42	3.84	42	4.73
50	40	2.45	41	3.20	42	4.05	43	5.00
55	40	2.57	41	3.35	43	4.24	43	5.23
60	40	2.68	41	3.50	43	4.43	44	5.47

**Rain Flow Nozzle (RFN-1)**

BASE PRESSURE PSI	RADIUS	
	2.0 GPM	2.5 GPM
30	35	37
40	36	38
50	-	38
60	-	38
70	-	39
80	-	39

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 7/64" Straight Bore Nozzle the part number would be:	<b>A05841-</b>	<b>07</b>	<b>A05841-07</b>

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

Chart 2	PART NUMBER: SECOND HALF			
NOZZLE	7/64"	1/8"	9/64"	5/32"
Brass Straight Bore Nozzle (105780-) SBN-1	<b>07</b>	<b>08</b>	<b>09</b>	<b>10</b>
Brass Low Pressure Nozzle (104571-) LPN-1	07	08	09	-
Brass SBN-1 with Straightening Vane (106160-) SBN-1V	07	08	09	10
<b>RAIN FLOW NOZZLE</b>	<b>2.0 GPM</b>		<b>2.5 GPM</b>	
Brass Rain Flow Nozzle (111088-) RFN-1	<b>02-00</b>		<b>02-50</b>	

Bold nozzle size numbers denote the most common nozzle choices.