



## PERFORMANCE DATA

30PSH

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#### 3/4" Full Circle, Brass Impact Sprinkler

Bearing: 3/4" Male NPT, Brass  
 Trajectory Angle: 27°  
 Operating Range: 25-100 psi  
 Flow Rate: 5.89-23.4 GPM  
 Radius: 47-68 ft.

#### FEATURES

- Heavy duty brass construction
- High pressure spoon
- Stainless steel springs and fulcrum pin
- Chemically resistant washers
- Dual nozzle ports
- Two-year warranty

#### BENEFITS

- High pressure spoon allows for larger nozzles and pressures
- Exceptionally wide range of flow rates
- Corrosion and grit resistant
- Built to last

#### Straight Bore Nozzle (SBN-3) with Spreader (LAN-1-20) (Stream Height: 10 ft.)

PSI @ Nozzle	NOZZLE SIZE							
	13/64" x 1/8-20"		7/32" x 1/8-20"		15/64" x 1/8-20"		1/4" x 1/8-20"	
	Rad.	GPM	Rad.	GPM	Rad.	GPM	Rad.	GPM
25	47	8.30	48	9.24	49	10.30	50	11.30
30	49	9.15	50	10.20	51	11.30	52	12.40
35	51	9.94	52	11.10	52	12.20	54	13.50
40	52	10.70	53	11.90	54	13.00	56	14.50
45	53	11.30	54	12.70	55	13.80	57	15.40
50	53	11.90	55	13.30	56	14.50	58	16.20
55	54	12.50	56	13.90	57	15.30	59	17.00
60	55	13.00	57	14.40	58	15.30	60	17.70
65	56	13.50	58	14.90	59	16.00	61	18.40
70	57	14.00	59	15.40	60	17.20	62	19.10
75	58	14.50	60	15.90	61	17.80	63	19.80
80	59	15.00	61	16.40	62	18.40	64	20.50
85	60	15.43	62	16.81	63	18.90	65	21.20
90	61	15.87	63	17.25	64	19.30	66	22.00
95	62	16.29	64	17.67	65	19.80	67	22.70
100	63	16.71	65	18.08	66	20.20	68	23.40

#### Brass Straight Bore Nozzle and Vane (SBN-3V) with Plug (Stream Height: 10 ft.)

PSI @ Nozzle	NOZZLE SIZE							
	13/64"		7/32"		15/64"		1/4"	
	Rad.	GPM	Rad.	GPM	Rad.	GPM	Rad.	GPM
25	47	5.89	48	6.83	49	7.90	50	8.90
30	48	6.51	50	7.58	51	8.70	52	9.80
35	51	7.08	52	8.26	52	9.40	54	10.60
40	52	7.60	53	8.87	54	10.00	56	11.40
45	53	8.07	54	9.41	56	10.60	57	12.40
50	53	8.49	55	9.88	56	11.10	58	12.80
55	54	8.87	56	10.30	57	11.60	59	13.40
60	55	9.20	57	10.60	58	12.10	60	14.00
65	56	9.47	58	10.95	59	12.60	61	14.60
70	57	9.78	59	11.29	60	13.10	62	15.10
75	58	10.18	60	11.71	61	13.60	63	15.60
80	59	10.52	61	12.10	62	14.00	64	16.10
85	60	10.84	62	12.52	63	14.40	65	16.60
90	61	11.17	63	12.94	64	14.80	66	17.10
95	62	11.50	64	13.38	65	15.20	67	17.50
100	63	11.83	65	13.83	66	15.60	68	18.00

## 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 30PSH sprinkler with a 13/64" Brass Straight Bore Nozzle and a 1/8" Brass 20° Low Angle Spreader Nozzle the part number would be:	<b>A08714-</b>	<b>13-08</b>	<b>A08714-13-08</b>

Chart 1	PART NUMBER: FIRST HALF
<b>SPRINKLER ONLY / PLUG</b>	
Sprinkler without Nozzle	<b>A08713</b>
<b>SPRINKLER WITH COMBINATION NOZZLES INSTALLED</b>	
Sprinkler with SBN-3 and LAN-1-20	<b>A08714-</b>
Sprinkler with SBN-3V and LAN-1-20	<b>A10803-</b>

Chart 2	PART NUMBER: SECOND HALF				
NOZZLE	1/8"	13/64"	7/32"	15/64"	1/4"
Brass Straight Bore Nozzle (105842-) SBN-3	-	13	14	15	16
Brass Straight Bore Nozzle with Vane (106131-) SBN-3V	-	13	14	15	16
Brass 20° Low Angle Spreader Nozzle (100226-) LAN-1-20	08	-	-	-	-
Brass Plug (100225)					