



PERFORMANCE DATA

30H
30H

3/4" Full Circle, Brass Impact Sprinkler

Bearing: 3/4" Male NPT, Brass
Trajectory Angle: 27"
Operating Range: 25-80 psi
Flow Rate: 2.9-13.1 GPM
Radius: 40-56 ft.

FEATURES

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

BENEFITS

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

Brass Straight Bore Nozzle (SBN-3) with Plug (Stream Height: 9 ft.)

PSI @ Nozzle	NOZZLE SIZE			
	9/64"	5/32"	11/64"	3/16"
	Rad.	GPM	Rad.	GPM
25	40	2.90	41	3.50
30	40	3.10	42	3.90
35	41	3.40	43	4.20
40	41	3.60	44	4.50
45	42	3.80	44	4.70
50	42	4.10	45	5.00
55	43	4.20	45	5.20
60	43	4.40	46	5.50
65	44	4.60	46	5.80
70	44	4.80	47	5.90
75	45	5.00	47	6.10
80	45	5.10	48	6.30

Brass Straight Bore Nozzle (SBN-3) with Spreader (LAN-1) (Stream Height: 9 ft.)

PSI @ Nozzle	NOZZLE SIZE					
	9/64" x 3/32-T"	5/32" x 3/32-T"	11/64" x 3/32-T"	3/16" x 3/32-T"	3/16" x 1/8-20"	
	Rad.	GPM	Rad.	GPM	Rad.	
25	40	4.20	41	4.80	42	7.40
30	40	4.60	42	5.30	44	8.10
35	41	4.90	43	5.70	45	8.70
40	41	5.20	44	6.10	46	9.30
45	42	5.60	44	6.50	46	9.90
50	42	5.90	45	6.80	47	10.40
55	43	6.10	45	7.10	48	10.90
60	43	6.40	46	7.40	48	11.40
65	44	6.70	46	7.80	49	11.80
70	44	6.90	47	8.10	49	12.30
75	45	7.20	47	8.30	50	12.70
80	45	7.50	48	8.70	50	13.10

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

PSI @ Nozzle	NOZZLE SIZE			
	9/64"	5/32"	11/64"	3/16"
	Rad.	GPM	Rad.	GPM
25	42	2.90	44	3.50
30	43	3.10	45	3.90
35	44	3.40	46	4.20
40	45	3.60	47	4.50
45	46	3.80	48	4.70
50	46	4.10	49	5.00
55	47	4.20	50	5.20
60	47	4.40	50	5.50
65	48	4.60	51	5.80
70	48	4.80	51	5.90
75	49	5.00	52	6.10
80	50	5.10	52	6.30

Brass Straight Bore Nozzle with Vane (SBN-3V) with Spreader (LAN-1) (Stream Height: 10 ft.)

PSI @ Nozzle	NOZZLE SIZE					
	9/64" x 3/32-T"	5/32" x 3/32-T"	11/64" x 3/32-T"	3/16" x 3/32-T"	3/16" x 1/8-20"	
	Rad.	GPM	Rad.	GPM	Rad.	
25	42	4.20	44	4.80	45	7.40
30	43	4.60	45	5.30	46	8.10
35	44	4.90	46	5.70	47	8.70
40	45	5.20	47	6.10	48	9.30
45	46	5.60	48	6.50	49	9.90
50	46	5.90	49	6.80	50	10.40
55	47	6.10	50	7.10	51	10.90
60	47	6.40	50	7.40	51	11.40
65	48	6.70	51	7.80	52	11.80
70	48	6.90	51	8.10	53	12.30
75	49	7.20	52	8.30	54	12.70
80	50	7.50	52	8.70	55	13.10

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 30H sprinkler with an 11/64" Brass Straight Bore Nozzle and a 1/8" 20" Brass Low Angle Spreader the part number would be:	A08402-	+ 11-08	= A08402-11-08

Chart 1	PART NUMBER: FIRST HALF
SPRINKLER ONLY / PLUG	
Sprinkler without Nozzle	A08401
Sprinkler without Nozzle plus Brass Plug	A08411
SPRINKLER WITH SINGLE NOZZLE INSTALLED	
Sprinkler with SBN-3 and Plug	A08413-
Sprinkler with SBN-3V and Plug	A10713-
Sprinkler with RFN-3 and Plug	A08414-
SPRINKLER WITH COMBINATION NOZZLES INSTALLED	
Sprinkler with SBN-3 and LAN-1-7	A08403-
Sprinkler with SBN-3 and LAN-1-20	A08402-
Sprinkler with SBN-3V and LAN-1-7	A10703-
Sprinkler with SBN-3V and LAN-1-20	A10702-
Sprinkler with LPN-3 and LAN-1-20	A08405-

Chart 2	PART NUMBER: SECOND HALF						
NOZZLE	3/32"	7/64"	1/8"	5/64"	5/32"	11/64"	3/16"
Brass Straight Bore Nozzle (106842-) SBN-3	—	—	—	09	10	11	12
Brass Straight Bore Nozzle with Vane (106131-) SBN-3V	—	—	—	09	10	11	12
Brass 7" Low Angle Spreader (100225-) LAN-1-7	06	07	08	09	10	11	—
Brass 20" Low Angle Spreader (100226-) LAN-1-20	06	07	08	09	10	11	—
Brass Low Pressure Nozzle (104538-) LPN-3	—	—	—	09	10	11	12
RAIN FLOW NOZZLE	GPM:	3.5	4	4.5	5	5.5	6
Brass Rain Flow (111089-) RFN-3		03-50	04-00	04-50	05-00	05-50	06-00
Brass Plug (100225)		06-50	07-50	08-00	08-50	09-00	09-50
		10-50	11-00				

For flow rate information on RFN-3 see page 40.