



30H

30H / 30WH

3/4" 19 mm Full Circle, Brass Impact Sprinkler

Bearing: 3/4" Male NPT, Brass
Trajectory Angle: 27°
Operating Range: 25-80 psi 1.7-5.5 bars
Flow Rate: 2.9-13.1 GPM 0.66-2.98 m³/h
Radius: 40-56 ft. 12.20-17.23 meters
Range: One 1/4" Female NPT Nozzle Port
Spreader: One 1/8" Female NPT Spreader Nozzle Port

Features

- Heavy duty brass construction
- Stainless steel springs and fulcrum pin
- Chemically resistant washers
- Dual nozzle ports
- Two-year warranty
- 30H unit does not have a spreader plug
- 30WH unit has spreader plug

Benefits

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

U.S. STANDARD DATA

PERFORMANCE DATA

30H / 30WH

BRASS STRAIGHT BORE NOZZLE (SBN-3) WITH PLUG* (Stream Height: 9 ft.)

PSI @ Nozzle	NOZZLE SIZE US STANDARD			
	9/64"	5/32"	11/64"	3/16"
	Rad. GPM	Rad. GPM	Rad. GPM	Rad. GPM
25	40 2.90	41 3.50	41 4.30	42 5.10
30	40 3.10	42 3.90	44 4.70	45 5.60
35	41 3.40	43 4.20	45 5.10	47 6.00
40	41 3.60	44 4.50	46 5.40	48 6.40
45	42 3.80	44 4.70	46 5.70	49 6.80
50	42 4.10	45 5.00	47 6.10	50 7.20
55	43 4.20	45 5.20	48 6.30	50 7.60
60	43 4.40	46 5.50	48 6.60	51 7.90
65	44 4.60	46 5.80	49 6.90	51 8.20
70	44 4.80	47 5.90	49 7.20	52 8.50
75	45 5.00	47 6.10	50 7.40	52 8.80
80	45 5.10	48 6.30	50 7.70	53 9.10

BRASS STRAIGHT BORE NOZZLE (SBN-3) WITH SPREADER (LAN-1*) (Stream Height: 9 ft.)

PSI @ Nozzle	NOZZLE SIZE US STANDARD			
	9/64" x 3/32 7"	5/32" x 3/32 7"	11/64" x 3/32 7"	3/16" x 3/32 7"
	Rad. GPM	Rad. GPM	Rad. GPM	Rad. GPM
25	40 4.20	41 4.80	41 5.60	42 6.40
30	40 4.60	42 5.30	44 6.10	45 7.00
35	41 4.90	43 5.70	45 6.60	47 7.50
40	41 5.20	44 6.10	46 7.00	48 8.10
45	42 5.60	44 6.50	46 7.40	49 8.50
50	42 5.90	45 6.80	47 7.90	50 9.00
55	43 6.10	45 7.10	48 8.20	50 9.40
60	43 6.40	46 7.40	48 8.60	51 9.90
65	44 6.70	46 7.80	49 8.90	51 10.20
70	44 6.90	47 8.10	49 9.30	52 10.70
75	45 7.20	47 8.30	50 9.60	52 11.00
80	45 7.50	48 8.70	50 10.00	53 11.50

BRASS STRAIGHT BORE NOZZLE with VANE (SBN-3V) WITH PLUG* (Stream Height: 10 ft.)

PSI @ Nozzle	NOZZLE SIZE US STANDARD			
	9/64"	5/32"	11/64"	3/16"
	Rad. GPM	Rad. GPM	Rad. GPM	Rad. GPM
25	42 2.90	44 3.50	45 4.30	48 5.10
30	43 3.10	45 3.90	46 4.70	47 5.60
35	44 3.40	46 4.20	47 5.10	49 6.00
40	45 3.60	47 4.50	48 5.40	50 6.40
45	46 3.80	48 4.70	49 5.70	52 6.80
50	46 4.10	49 5.00	50 6.10	53 7.20
55	47 4.20	50 5.20	51 6.30	53 7.60
60	47 4.40	50 5.50	51 6.60	54 7.90
65	48 4.60	51 5.80	52 6.90	55 8.20
70	48 4.80	51 5.90	53 7.20	55 8.50
75	49 5.00	52 6.10	54 7.40	56 8.80
80	50 5.10	52 6.30	55 7.70	56 9.10

BRASS STRAIGHT BORE NOZZLE with VANE (SBN-3V) WITH SPREADER (LAN-1*) (Stream Height: 10 ft.)

PSI @ Nozzle	NOZZLE SIZE US STANDARD			
	9/64" x 3/32 7"	5/32" x 3/32 7"	11/64" x 3/32 7"	3/16" x 3/32 7"
	Rad. GPM	Rad. GPM	Rad. GPM	Rad. GPM
25	42 4.20	44 4.80	45 5.60	45 6.40
30	43 4.60	45 5.30	46 6.10	47 7.00
35	44 4.90	46 5.70	47 6.60	49 7.50
40	45 5.20	47 6.10	48 7.00	50 8.10
45	46 5.60	48 6.50	49 7.40	52 8.50
50	46 5.90	49 6.80	50 7.90	53 9.00
55	47 6.10	50 7.10	51 8.20	54 9.40
60	47 6.40	50 7.40	51 8.60	54 9.90
65	48 6.70	51 7.80	52 8.90	55 10.20
70	48 6.90	51 8.10	53 9.30	55 10.70
75	49 7.20	52 8.30	54 9.60	56 11.00
80	50 7.50	52 8.70	55 10.00	56 11.50

* Nozzles must be purchased separately.
See Chart below.

Part Numbers and Ordering Information

Sprinkler Only		
U.S. Standard		
Sprinkler Without Nozzle, Without Plug	30H	A08401
Sprinkler without Nozzle, With Plug	30WH	A08411

Nozzle Only			XX = Nozzle Size						
U.S. Standard			3/32"	7/64"	1/8"	9/64"	5/32"	11/64"	3/16"
Brass Straight Bore Nozzle	SBN-3	105842-XX	—	—	—	09	10	11	12
Brass Straight Bore Nozzle with Vane	SBN-3V	106131-XX	—	—	—	09	10	11	12
Brass 7° Low Angle Spreader	LAN-1-7	100225-XX	06	07	08	09	10	—	—
Brass 20° Low Angle Spreader	LAN-1-20	100226-XX	06	07	08	09	10	—	—
Brass Plug		100255	Bold nozzle size numbers denote the most common nozzle choices.						