



## PERFORMANCE DATA

SM20VH

### SM20VH

#### 1/2" Full Circle, Stainless Steel Impact Sprinkler

Bearing: 1/2" Male NPT, Plastic  
Trajectory Angle: 17°  
Operating Range: 25-50 psi  
Flow Rate: .88-2.45 GPM  
Radius: 22-37 ft.

#### FEATURES

- Strong Drive Arm
- Special 50 Drill Nozzle available (Please specify A03350)
- Teflon™ wear washer for smooth rotation at lower pressures
- One piece, tubular stainless steel body
- Stainless steel arm
- Hooded spring
- Durable plastic, quick-fit nozzles
- Two-year warranty

#### BENEFITS

- Runs on smaller nozzle sizes
- Smooth rotation at lower pressures
- Minimal internal turbulence
- Greater distance of throw
- Superior corrosion resistance
- Great protection from the elements
- Quick and easy nozzle changes

#### Straight Bore Nozzle (SBN-1)

(Stream Height: 5 ft.)

PSI @ Nozzle	NOZZLE SIZE							
	5/64"		44 DRILL		3/32"		7/64"	
	Rad.	GPM	Rad.	GPM	Rad.	GPM	Rad.	GPM
25	31	0.88	31	1.07	32	1.27	33	1.73
30	32	0.97	32	1.17	32	1.39	34	1.90
35	33	1.05	33	1.27	33	1.50	34	2.05
40	33	1.12	34	1.36	34	1.61	35	2.19
45	34	1.19	34	1.44	35	1.71	36	2.32
50	35	1.25	35	1.51	36	1.80	37	2.45

#### Low Pressure Nozzle (LPN-1)

(Stream Height: 5 ft.)

PSI @ Nozzle	NOZZLE SIZE							
	5/64"		44 DRILL		3/32"		7/64"	
	Rad.	GPM	Rad.	GPM	Rad.	GPM	Rad.	GPM
25	30	0.88	30	1.07	31	1.27	32	1.73
30	31	0.97	31	1.17	32	1.39	33	1.90
35	32	1.05	32	1.27	33	1.50	34	2.05
40	33	1.12	33	1.36	34	1.61	35	2.19
45	33	1.19	34	1.44	34	1.71	35	2.32
50	34	1.25	34	1.51	35	1.80	36	2.45

#### Spacing Master Nozzle (SMN-1)

(Stream Height: 5 ft.)

PSI @ Nozzle	NOZZLE SIZE							
	5/64"		44 DRILL		3/32"		7/64"	
	Rad.	GPM	Rad.	GPM	Rad.	GPM	Rad.	GPM
25	22	0.88	22	1.07	23	1.27	24	1.73
30	23	0.97	23	1.17	24	1.39	25	1.90
35	24	1.05	24	1.27	25	1.50	26	2.05
40	25	1.12	25	1.36	25	1.61	27	2.19
45	25	1.19	26	1.44	26	1.71	28	2.32
50	26	1.25	27	1.51	27	1.80	29	2.45

Chart data for SMN-1 shown on 12" riser.

## PART NUMBERS AND ORDERING INFORMATION

Nozzle Ordering Example	MAKE YOUR NOZZLE CHOICE	CHOOSE YOUR NOZZLE SIZE	ADD THEM TOGETHER TO CREATE THE NOZZLE PART NUMBER
To order a 5/64" Plastic Straight Bore Nozzle the part number would be:	<b>108831-</b>	<b>05</b>	<b>= 108831-05</b>

Sprinkler Only	
SPRINKLER	
SM20VH For use with SBN-1, LPN-1, SMN-1 only	<b>A03300</b>
Sprinkler Only	
SPRINKLER	
SM20VH For use with LPN-50 only	<b>A03350</b>

Nozzle Only						
NOZZLE		50 DRILL	5/64"	44 DRILL	3/32"	7/64"
Plastic Straight Bore Nozzle (108831-)	SBN-1	—	05	44	06	07
Plastic Low Pressure Nozzle (109248-)	LPN-1	—	05	44	06	07
Plastic Low Pressure Nozzle (109248-50)	LPN-50	50	(use with A03350 only)			
Plastic Spacing Master Pressure Nozzle (108800-)	SMN-1	—	05	44	06	07

For model SM20VH, sprinkler and nozzle must be ordered separately.