



PERFORMANCE DATA

SM20H

SM20H

1/2" (13 mm) Full Circle, Stainless Steel Impact Sprinkler

Bearing: 1/2" Male NPT, Plastic
Trajectory Angle: 17°
Operating Range: 1.7-4.1 bars
Flow Rate: 0.39-1.01 m³/h
Radius: 7.9-12.8 meters

FEATURES

- Spoon Drive Arm
- One piece, tubular stainless steel body
- Stainless steel arm
- Hooded spring
- Durable plastic, quick-fit nozzles
- Two-year warranty

BENEFITS

- Runs on larger nozzle sizes
- 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: 1.5m)

BARS @ Nozzle	NOZZLE SIZE								
	2.78 mm (7/64")			3.18 mm (1/8")			3.57 mm (9/64")		
	Rad. (m)	Flow (lps)	Flow (m ³ /h)	Rad. (m)	Flow (lps)	Flow (m ³ /h)	Rad. (m)	Flow (lps)	Flow (m ³ /h)
1.7	10.2	0.11	0.39	10.4	0.14	0.51	10.7	0.18	0.65
2.0	10.3	0.12	0.42	10.6	0.15	0.55	10.9	0.19	0.70
2.5	10.7	0.13	0.47	11.0	0.17	0.62	11.4	0.22	0.78
3.0	11.2	0.14	0.52	11.5	0.19	0.68	11.8	0.24	0.86
3.5	11.6	0.16	0.56	11.9	0.20	0.73	12.2	0.26	0.93
4.0	12.1	0.17	0.60	12.3	0.22	0.78	12.7	0.27	0.99
4.1	12.2	0.17	0.61	12.5	0.22	0.79	12.8	0.28	1.01

Low Pressure Nozzle (LPN-1) (Stream Height: 1.5m)

BARS @ Nozzle	NOZZLE SIZE								
	2.78 mm (7/64")			3.18 mm (1/8")			3.57 mm (9/64")		
	Rad. (m)	Flow (lps)	Flow (m ³ /h)	Rad. (m)	Flow (lps)	Flow (m ³ /h)	Rad. (m)	Flow (lps)	Flow (m ³ /h)
1.7	9.9	0.11	0.39	10.2	0.14	0.51	10.5	0.18	0.65
2.0	10.1	0.12	0.42	10.5	0.15	0.55	10.8	0.19	0.70
2.5	10.6	0.13	0.47	10.9	0.17	0.62	11.2	0.22	0.78
3.0	11.0	0.14	0.52	11.3	0.19	0.68	11.6	0.24	0.86
3.5	11.5	0.16	0.56	11.8	0.20	0.73	12.1	0.26	0.93
4.0	11.7	0.17	0.60	12.0	0.22	0.78	12.3	0.27	0.99
4.1	11.7	0.17	0.61	12.0	0.22	0.79	12.3	0.28	1.01

Spacing Master Nozzle (SMN-1) (Stream Height: 1.5m)

BARS @ Nozzle	NOZZLE SIZE		
	2.78 mm (7/64")		
	Rad. (m)	Flow (lps)	Flow (m ³ /h)
1.7	7.9	0.11	0.39
2.0	8.2	0.12	0.42
2.5	8.5	0.13	0.47
3.0	8.9	0.14	0.52
3.5	9.3	0.16	0.56
4.0	9.8	0.17	0.60
4.1	9.9	0.17	0.61

Chart data for SMN-1 shown on 30 cm 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 2.78 mm Plastic Straight Bore Nozzle the part number would be:	108831-	07	108831-07

Sprinkler Only	
SPRINKLER	
SM20H	A03000

For model SM20H, sprinkler and nozzle must be ordered separately.

Nozzle Only				
NOZZLE		2.78 mm	3.18 mm	3.57 mm
Plastic Straight Bore Nozzle (108831-)	SBN-1	07	08	09
Plastic Low Pressure Nozzle (109248-)	LPN-1	07	08	09
Plastic Spacing Master Pressure Nozzle (108800-)	SMN-1	07	-	-