

U.S. STANDARD DATA | METRIC DATA



M20VH-PM

1/2" 13mm Full Circle, Brass, Wedge Drive Impact Sprinkler

Bearing: 1/2" Male NPT, Plastic
Trajectory Angle: 15°
Operating Range: 25-50 psi 1.7-3.5 bars
Flow Rate: .56-2.45 GPM 0.13-0.56 m³/h
Radius: 25-35 ft. 7.8-10.8 meters
One 1/8" Female NPT Nozzle Port

Features

- Patented, self-flushing wedge drive
- Durable brass die-cast arm
- Stainless steel springs and fulcrum pin
- Chemically resistant washers
- Two-year warranty

BENEFITS

- Wedge drive runs on smaller nozzles and lower pressures
- Self-flushing design reduces wear from grit
- Corrosion and grit resistant
- Built to last

PERFORMANCE DATA

M20VH-PM

STRAIGHT BORE NOZZLE (SBN-1)*

(Stream Height: 3.5 ft.)

PSI @ Nozzle	NOZZLE SIZE US STANDARD									
	1/16"		51 DRILL		5/64"		3/32"		7/64"	
	Rad.	GPM	Rad.	GPM	Rad.	GPM	Rad.	GPM	Rad..	GPM
25	25	0.56	26	0.65	27	0.88	29	1.27	31	1.73
30	26	0.62	27	0.71	28	0.97	30	1.39	32	1.90
35	27	0.66	28	0.77	29	1.05	31	1.50	33	2.05
40	28	0.72	28	0.83	30	1.12	32	1.61	34	2.19
45	29	0.75	29	0.87	31	1.19	33	1.71	35	2.32
50	29	0.80	30	0.92	32	1.25	33	1.80	35	2.45

* Nozzle must be purchased separately. See Chart below.

STRAIGHT BORE NOZZLE (SBN-1)*

(Stream Height: 1.1m)

BARS @ Nozzle	NOZZLE SIZE METRIC														
	1.59 mm (1/16")			1.70 mm (51 Drill)			1.98 mm (5/64")			2.38 mm (3/32")			2.78 mm (7/64")		
	Rad. (m)	Flow (lps)	Flow (m³/h)	Rad. (m)	Flow (lps)	Flow (m³/h)	Rad. (m)	Flow (lps)	Flow (m³/h)	Rad. (m)	Flow (lps)	Flow (m³/h)	Rad. (m)	Flow (lps)	Flow (m³/h)
1.7	7.8	0.04	0.13	7.9	0.04	0.15	8.4	0.06	0.20	9.0	0.08	0.29	9.4	0.11	0.39
2.0	8.0	0.04	0.14	8.2	0.04	0.16	8.6	0.06	0.22	9.2	0.09	0.31	9.7	0.12	0.42
2.5	8.4	0.04	0.15	8.6	0.05	0.18	9.1	0.07	0.24	9.7	0.10	0.35	10.1	0.13	0.47
3.0	8.7	0.05	0.17	8.9	0.05	0.19	9.4	0.07	0.27	10.0	0.11	0.38	10.6	0.14	0.52
3.5	9.0	0.05	0.18	9.1	0.06	0.21	9.8	0.08	0.28	10.2	0.11	0.41	10.8	0.15	0.56

* Nozzles must be purchased separately. See Chart below.

Part Numbers and Ordering Information

Sprinkler Only	
Sprinkler without Nozzle	A05980

Nozzle Only		XX = Nozzle Size					
U.S. Standard		1/16"	51 DRILL	5/64"	3/32"	7/64"	
Metric		1.59 mm	1.70mm	1.98 mm	2.38 mm	2.78 mm	
Brass Straight Bore Nozzle	SBN-1	105780-XX	04	51	05	06	07

Bold nozzle size numbers denote the most common nozzle choices.