

U.S. STANDARD DATA | METRIC DATA



L20VH

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

Bearing: 1/2" Male NPT, Brass
Trajectory Angle: 10°
Operating Range: 25-50 psi 1.7-3.5 bars
Flow Rate: 0.56-2.45 GPM 0.13-0.56 m³/h
Radius: 23-32 ft. 7.2-9.6 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

L20VH

STRAIGHT BORE NOZZLE (SBN-1)*

(Stream Height: 2.5 ft.)

PSI @ Nozzle	NOZZLE SIZE U.S. STANDARD				
	1/16"	51 drill	5/64"	3/32"	7/64"
25	23 0.56	24 0.65	25 0.88	26 1.27	27 1.73
30	24 0.62	25 0.71	26 0.97	27 1.39	28 1.90
35	25 0.66	26 0.77	27 1.05	28 1.50	29 2.05
40	25 0.72	26 0.83	27 1.12	29 1.61	30 2.19
45	26 0.75	27 0.87	28 1.19	30 1.71	31 2.32
50	27 0.80	28 0.92	29 1.25	31 1.80	32 2.45

STRAIGHT BORE NOZZLE (SBN-1)*

(Stream Height: 0.8m)

BARS @ NOZZLE	NOZZLE SIZE METRIC														
	1.59 mm (1/16")			1.7 mm (51 drill)			1.98 mm (5/64")			2.38 mm (3/32")			2.78 mm (7/64")		
	Rad. (m)	Flow (lps)	Flow (m ³ /h)	Rad. (m)	Flow (lps)	Flow (m ³ /h)	Rad. (m)	Flow (lps)	Flow (m ³ /h)	Rad. (m)	Flow (lps)	Flow (m ³ /h)	Rad. (m)	Flow (lps)	Flow (m ³ /h)
1.7	7.2	0.04	0.13	7.3	0.04	0.15	7.6	0.06	0.20	8.1	0.08	0.29	8.2	0.11	0.39
2.0	7.3	0.04	0.14	7.6	0.04	0.16	7.9	0.06	0.22	8.3	0.09	0.31	8.5	0.12	0.42
2.5	7.7	0.04	0.15	7.9	0.05	0.17	8.3	0.07	0.24	8.8	0.10	0.35	8.9	0.13	0.47
3.0	8.0	0.05	0.17	8.2	0.05	0.20	8.6	0.07	0.27	9.1	0.11	0.38	9.4	0.14	0.52
3.5	8.2	0.05	0.18	8.5	0.06	0.21	8.8	0.08	0.28	9.4	0.11	0.41	9.6	0.15	0.56

* Nozzles must be purchased separately.
See Chart below.

Part Numbers and Ordering Information

Sprinkler Only		Nozzle Only		XX = Nozzle Size						
		U.S. Standard		1/16"	51 DRILL	5/64"	3/32"	7/64"	1/8"	
		Metric		1.59 mm	1.70mm	1.98 mm	2.38 mm	2.78 mm	3.18 mm	
Sprinkler without Nozzle	A06240	Brass Straight Bore Nozzle	SBN-1	105780-XX	04	51	05	06	07	–

Bold nozzle size numbers denote the most common nozzle choices.