

**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 m<sup>3</sup>/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"
	Rad. GPM	Rad. GPM	Rad. GPM	Rad. GPM	Rad. GPM
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 <sup>3</sup> /h)	Rad. (m)	Flow (lps)	Flow (m <sup>3</sup> /h)	Rad. (m)	Flow (lps)	Flow (m <sup>3</sup> /h)	Rad. (m)	Flow (lps)	Flow (m <sup>3</sup> /h)	Rad. (m)	Flow (lps)	Flow (m <sup>3</sup> /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	<b>A06240</b>	Brass Straight Bore Nozzle	<b>SBN-1</b>	<b>105780-XX</b>	<b>04</b>	<b>51</b>	<b>05</b>	<b>06</b>	<b>07</b>	–

Bold nozzle size numbers denote the most common nozzle choices.