



PERFORMANCE DATA

L20VH

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

Bearing: 1/2" Male NPT, Brass
Trajectory Angle: 10°
Operating Range: 1.7-5.5 bars
Flow Rate: 0.13-0.64 m³/h
Radius: 6.71-9.9 meters

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

Straight Bore Nozzle (SBN-1) (Stream Height: 0.8m)

BARS @ Nozzle	NOZZLE SIZE														
	1.59 mm (1/16")			1.98 mm (5/64")			2.18 mm (44 DRILL)			2.38 mm (3/23")			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	7.6	0.06	0.20	7.9	0.07	0.24	8.1	0.08	0.29	8.2	0.11	0.39
2.0	7.3	0.04	0.14	7.9	0.06	0.22	8.2	0.07	0.26	8.3	0.09	0.31	8.5	0.12	0.42
2.5	7.7	0.04	0.15	8.3	0.07	0.24	8.6	0.08	0.29	8.8	0.10	0.35	8.9	0.13	0.47
3.0	8.0	0.05	0.17	8.6	0.07	0.27	8.9	0.09	0.32	9.1	0.11	0.38	9.4	0.14	0.52
3.5	8.2	0.05	0.18	8.8	0.08	0.28	9.1	0.10	0.34	9.4	0.11	0.41	9.6	0.15	0.56

Low Pressure Nozzle (LPN-1) (Stream Height: 0.8m)

BARS @ Nozzle	NOZZLE SIZE																	
	1.78 mm (50 DRILL)			1.98 mm (5/64")			2.18 mm (44 DRILL)			2.38 mm (3/32")			2.78 mm (7/64")			3.18 mm (1/8")		
	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)	Rad. (m)	Flow (lps)	Flow (m ³ /h)
1.7	7.0	0.04	0.16	7.3	0.06	0.20	7.6	0.07	0.25	7.8	0.08	0.30	7.9	0.11	0.41	8.1	0.15	0.54
2.0	7.1	0.05	0.17	7.6	0.06	0.22	7.9	0.08	0.27	8.0	0.09	0.32	8.2	0.12	0.44	8.4	0.16	0.58
2.5	7.5	0.05	0.19	8.0	0.07	0.24	8.3	0.08	0.30	8.5	0.10	0.36	8.6	0.14	0.49	8.9	0.18	0.64
3.0	7.9	0.06	0.21	8.3	0.07	0.27	8.6	0.09	0.33	8.8	0.11	0.40	9.1	0.15	0.54	-	-	-
3.5	8.1	0.06	0.23	8.7	0.08	0.29	9.0	0.10	0.35	9.1	0.12	0.42	9.3	0.16	0.58	-	-	-

Off Axis Low Pressure Nozzle (LP-1-3) Down (Stream Height: 0.6m)

BARS @ Nozzle	NOZZLE SIZE								
	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)
1.7	6.7	0.06	0.20	7.2	0.08	0.30	7.3	0.11	0.41
2.0	6.9	0.06	0.22	7.4	0.09	0.32	7.6	0.12	0.44
2.5	7.4	0.07	0.24	7.7	0.10	0.36	8.0	0.14	0.49
3.0	7.7	0.07	0.27	8.1	0.11	0.40	8.3	0.15	0.54
3.5	7.9	0.08	0.29	8.4	0.12	0.42	8.7	0.16	0.58

Rain Flow Nozzle (RFN-1)

	RADIUS (m)			
	0.23 m ³ /h (0.06 lps)	0.34 m ³ /h (0.09 lps)	0.45 m ³ /h (0.13 lps)	0.57 m ³ /h (0.16 lps)
2.1	7.9	8.4	8.5	-
2.5	8.1	8.7	8.8	-
3.0	8.3	8.9	9.2	-
3.5	8.4	9.1	9.4	9.6
4.0	8.5	9.3	9.6	9.7
4.5	-	9.4	9.7	9.8
5.0	-	9.4	9.8	9.9
5.5	-	9.4	9.8	9.9

PART NUMBERS AND ORDERING INFORMATION

Ordering Example	MAKE YOUR SPRINKLER CHOICE FROM CHART 1	CHOOSE NOZZLE SIZE (S) FROM CHART 2	ADD THEM TOGETHER TO CREATE THE PART NUMBER
To order an L20VH sprinkler with an RFN-1 1.5 GPM Rain Flow Nozzle the part number would be:	A06243-	01-50	A06243-01-50

Chart 1	PART NUMBER: FIRST HALF
SPRINKLER ONLY	
Sprinkler without Nozzle	A06240
SPRINKLER WITH SINGLE NOZZLE INSTALLED	
Sprinkler with SBN-1	A06241-
Sprinkler with LPN-1	A06242-
Sprinkler with RFN-1	A06243-
Sprinkler with LP-1-3 (Down)	A06244-
Sprinkler with OAN-1-3 (Down)	A06245-
Sprinkler with LP-1-3 (Up)	A06246-
Sprinkler with PQFN-1	A06247-

Chart 2	PART NUMBER: SECOND HALF						
NOZZLE	1.59 mm	1.78 mm	1.98 mm	2.18 mm	2.38 mm	2.78 mm	3.18 mm
Brass Straight Bore Nozzle (105780-) SBN-1	04	50	05	44	06	07	-
Brass Low Pressure Nozzle (104571-) LPN-1	-	50	05	44	06	07	08
Brass 3" Off Axis Low Pressure Nozzle (104572-) LP-1-3	-	-	05	-	06	07	-
Brass 3" Off Axis Nozzle (106171-) OAN-1-3	04	50	05	44	06	07	-
Plastic Straight Bore Quick-Fit Nozzle (117324-) PQFN-1	04	50	05	-	06	07	-
RAIN FLOW NOZZLE							
Brass Rain Flow Nozzle (111088-) RFN-1		01-00	01-50	02-00	02-50		

Bold nozzle size numbers denote the most common nozzle choices.