



## PERFORMANCE DATA

L20H

### L20H

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

Bearing: 1/2" Male NPT, Brass  
Trajectory Angle: 10°  
Operating Range: 1.7-5.5 bars  
Flow Rate: 0.39-0.92 m<sup>3</sup>/h  
Radius: 7.32-10.83 meters

#### FEATURES

- Durable brass die-cast arm
- Stainless steel springs and fulcrum pin
- Chemically resistant washers
- Two-year warranty

#### BENEFITS

- Spoon drive arm runs on larger nozzles and higher pressures
- Corrosion and grit resistant
- Built to last

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

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 <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	8.5	0.11	0.39	9.0	0.14	0.51	9.3	0.18	0.65
2.0	8.8	0.12	0.42	9.2	0.15	0.55	9.5	0.19	0.70
2.5	9.2	0.13	0.47	9.7	0.17	0.62	10.1	0.22	0.78
3.0	9.7	0.14	0.52	10.0	0.19	0.68	10.4	0.24	0.86
3.5	9.9	0.15	0.56	10.4	0.20	0.73	10.8	0.26	0.92

#### Low Pressure Nozzle (LPN-1-3) Up (Stream Height: 0.9m)

BARS @ Nozzle	NOZZLE SIZE					
	2.78 mm (7/64")			3.18 mm (1/8")		
	Rad. (m)	Flow (lps)	Flow (m <sup>3</sup> /h)	Rad. (m)	Flow (lps)	Flow (m <sup>3</sup> /h)
1.7	8.5	0.11	0.41	8.7	0.15	0.54
2.0	8.8	0.12	0.44	9.1	0.16	0.58
2.5	9.2	0.14	0.49	9.5	0.18	0.64
3.0	9.7	0.15	0.54	9.9	0.20	0.71
3.5	9.9	0.16	0.58	10.2	0.21	0.76

#### Low Pressure Nozzle (LPN-1-3) Down (Stream Height: 0.6m)

BARS @ Nozzle	NOZZLE SIZE					
	2.78 mm (7/64")			3.18 mm (1/8")		
	Rad. (m)	Flow (lps)	Flow (m <sup>3</sup> /h)	Rad. (m)	Flow (lps)	Flow (m <sup>3</sup> /h)
1.7	7.3	0.11	0.41	7.5	0.15	0.54
2.0	7.6	0.12	0.44	7.7	0.16	0.58
2.5	8.0	0.14	0.49	8.1	0.18	0.64
3.0	8.3	0.15	0.54	8.4	0.20	0.71
3.5	8.7	0.16	0.58	8.8	0.21	0.76

#### Rain Flow Nozzle (RFN-1)

BASE PRESSURE BARS	RADIUS (m)	
	0.45 m <sup>3</sup> /h (0.13 lps)	0.57 m <sup>3</sup> /h (0.16 lps)
2.1	8.5	9.0
2.5	8.8	9.3
3.0	-	9.5
3.5	-	9.6
4.0	-	9.7
4.5	-	9.8
5.0	-	9.9
5.5	-	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 L20H sprinkler with a 2.78 mm Brass Straight Bore Nozzle the part number would be:	<b>A06016-</b>	<b>07</b>	<b>A06016-07</b>

Chart 1	PART NUMBER: FIRST HALF
<b>SPRINKLER ONLY</b>	
Sprinkler without Nozzle	<b>A06015</b>
<b>SPRINKLER WITH SINGLE NOZZLE INSTALLED</b>	
Sprinkler with <b>SBN-1</b>	<b>A06016-</b>
Sprinkler with <b>LPN-1</b>	<b>A06017-</b>
Sprinkler with <b>RFN-1</b>	<b>A06018-</b>
Sprinkler with <b>OAN-1-3 (Up)</b>	<b>A06019-</b>
Sprinkler with <b>OAN-1-3 (Down)</b>	<b>A06020-</b>
Sprinkler with <b>LP-1-3 (Up)</b>	<b>A06021-</b>
Sprinkler with <b>LP-1-3 (Down)</b>	<b>A06022-</b>
Sprinkler with <b>PQFN-1</b>	<b>A06023-</b>

Chart 2	PART NUMBER: SECOND HALF		
NOZZLE	2.78 mm	3.18 mm	3.57 mm
Brass Straight Bore Nozzle (105780-) <b>SBN-1</b>	<b>07</b>	<b>08</b>	<b>09</b>
Brass Low Pressure Nozzle (104571-) <b>LPN-1</b>	<b>07</b>	<b>08</b>	<b>09</b>
Brass 3° Off Axis Low Pressure Nozzle (104572-) <b>LP-1-3</b>	<b>07</b>	<b>08</b>	<b>09</b>
Brass 3° Off Axis Nozzle (106171-) <b>OAN-1-3</b>	<b>07</b>	<b>08</b>	-
Plastic Straight Bore Quick-Fit Nozzle (117324-) <b>PQFN-1</b>	<b>07</b>	<b>08</b>	<b>09</b>
<b>RAIN FLOW NOZZLE</b>		0.45 m <sup>3</sup> /h	0.57 m <sup>3</sup> /h
Brass Rain Flow Nozzle (111088-) <b>RFN-1</b>	<b>02-00</b>	<b>02-50</b>	

Bold nozzle size numbers denote the most common nozzle choices.