



## PERFORMANCE DATA

46H

### 46H

#### 3/4" (19 mm) Full Circle, Plastic Impact Sprinkler

Bearing: 3/4" Male NPT, Plastic  
Trajectory Angle: 23°  
Operating Range: 3.0-5.5 bars  
Flow Rate: 1.12-3.68 m<sup>3</sup>/h  
Radius: 14.2-18.1 meters

#### FEATURES

- Durable Delrin™ plastic body, arm and bearing sleeve
- Stainless steel springs and fulcrum pin
- Chemically resistant, Teflon™ washers
- Brass or Vaned, plastic nozzles available
- Dual nozzle ports
- Two-year warranty

#### BENEFITS

- Teflon™ washers allow for smaller nozzles and lower pressures
- Superior chemical and grit resistance
- Exceptionally wide range of flow rates
- Built to last

#### Plastic Straight Bore Nozzle with Vane (SBN-3P) with Plug (Stream Height: 2.1m)

BARS @ Nozzle	NOZZLE SIZE														
	3.97 mm (5/32")			4.37 mm (11/64")			4.76 mm (3/16")			5.16 mm (13/64")			5.56 mm (7/32")		
	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)
3.0	14.2	0.31	1.12	14.6	0.38	1.38	15.7	0.43	1.55	16.5	0.50	1.81	15.9	0.57	2.05
3.5	14.5	0.33	1.18	15.0	0.40	1.45	16.0	0.47	1.68	17.0	0.54	1.93	16.5	0.60	2.17
4.0	15.0	0.35	1.25	15.5	0.42	1.51	16.3	0.50	1.80	17.5	0.57	2.06	17.0	0.65	2.33
4.5	15.2	0.37	1.33	15.7	0.45	1.63	16.7	0.53	1.90	18.0	0.61	2.18	17.5	0.68	2.45
5.0	15.4	0.39	1.40	16.0	0.48	1.73	17.1	0.56	2.00	18.5	0.64	2.30	17.9	0.71	2.55
5.5	15.7	0.41	1.48	16.2	0.51	1.84	17.5	0.58	2.10	18.8	0.67	2.41	18.1	0.74	2.66

#### Plastic Straight Bore Nozzle with Vane (SBN-3P) with Spreader (LAN-1) (Stream Height: 2.1m)

BARS @ Nozzle	NOZZLE SIZE														
	3.97 mm x 2.18 mm (5/32" x 3/32") 7°			4.37 mm x 2.18 mm (11/64" x 3/32") 7°			4.76 mm x 3.18 mm (3/16" x 1/8") 7°			5.16 mm x 3.18 mm (13/64" x 1/8") 20°			5.56 mm x 3.18 mm (7/32" x 1/8") 20°		
	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)
3.0	14.2	0.41	1.47	14.6	0.47	1.69	15.7	0.63	2.27	16.5	0.71	2.56	15.9	0.79	2.84
3.5	14.5	0.44	1.59	15.0	0.51	1.82	16.0	0.68	2.45	17.0	0.76	2.75	16.5	0.85	3.05
4.0	15.0	0.47	1.68	15.5	0.54	1.93	16.3	0.72	2.60	17.5	0.81	2.92	17.0	0.90	3.24
4.5	15.2	0.49	1.77	15.7	0.56	2.03	16.7	0.76	2.73	18.0	0.86	3.08	17.5	0.94	3.40
5.0	15.4	0.52	1.87	16.0	0.59	2.12	17.1	0.79	2.85	18.5	0.89	3.21	17.9	0.99	3.55
5.5	15.7	0.54	1.96	16.2	0.61	2.20	17.5	0.82	2.95	18.8	0.93	3.33	18.1	1.02	3.68

## 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 a 46H sprinkler with a 2.38 mm Brass Straight Bore Nozzle and a 4.37 mm Brass 7° Low Angle Spreader Nozzle the part number would be:	<b>L46031-</b>	<b>06-11</b>	<b>= L46031-06-11</b>

Chart 1	PART NUMBER: FIRST HALF
<b>SPRINKLER ONLY / PLUG</b>	
Sprinkler without Nozzle	<b>L46000</b>
Sprinkler without Nozzle plus Plug	<b>L46020</b>
<b>SPRINKLER WITH SINGLE NOZZLE INSTALLED</b>	
Sprinkler with SBN-3 and Plug	<b>L46021-</b>
Sprinkler with SBN-3P and Plug	<b>L46025-</b>
<b>SPRINKLER WITH COMBINATION NOZZLES INSTALLED</b>	
Sprinkler with SBN-3 and LAN-1	<b>L46031-</b>
Sprinkler with SBN-3V and LAN-1	<b>L46032-</b>
Sprinkler with SBN-3P and LAN-1	<b>L46030-</b>

Chart 2	PART NUMBER: SECOND HALF						
NOZZLE	2.38 mm	3.18 mm	3.97 mm	4.37 mm	4.76 mm	5.16 mm	5.56 mm
Brass Straight Bore Nozzle (105842-) SBN-3	-	-	<b>10</b>	11	12	13	14
Brass Straight Bore Nozzle with Vane (106131-) SBN-3V	-	-	<b>10</b>	11	12	13	14
Plastic Vaned Straight Bore Nozzle (71-P00002-) SBN-3P	-	-	<b>10</b>	11	12	13	14
Brass 7° Low Angle Spreader Nozzle (100225-) LAN-1-7	06	<b>08</b>	-	-	-	-	-
Brass 20° Low Angle Spreader Nozzle (100226-) LAN-1-20	<b>06</b>	08	-	-	-	-	-
Plastic Plug (71-P00001) Brass Plug (100225)	Bold nozzle size numbers denote the most common nozzle choices.						