



## L3030H

### 3/4" 19 mm Full Circle, Brass, Low Angle Impact Sprinkler

Bearing: 3/4" Male NPT, Brass

Trajectory Angle: 10°

Operating Range: 40-60 psi 2.8-4.1 bars

Flow Rate: 3.6-15.9 GPM .082-3.61m<sup>3</sup>/h

Radius: 42-48 ft. 13.0-14.5m

Two 1/4" Female NPT Nozzle Ports

#### Features

- Heavy duty brass construction
- Stainless steel springs and fulcrum pin
- Chemically resistant washers
- Two-year warranty

#### Benefits

- Low angle fights strong wind conditions
- Great choice for pivot or under tree applications
- Corrosion and grit resistant
- Built to last

## U.S. STANDARD DATA | METRIC DATA

### PERFORMANCE DATA

L3030H

#### STRAIGHT BORE NOZZLE (SBN-3)\*

PSI @ Nozzle	NOZZLE SIZE US STANDARD																	
	9/64"		5/32"		11/64"		3/16"		13/64"		7/32"		15/64"		1/4"		17/64"	
	Rad.	GPM	Rad.	GPM	Rad.	GPM	Rad.	GPM	Rad.	GPM	Rad.	GPM	Rad.	GPM	Rad.	GPM	Rad.	GPM
40	42	3.60	43	4.40	43	5.30	44	6.30	45	7.60	45	8.90	45	10.00	45	11.40	45	12.40
45	43	3.80	43	4.70	44	5.60	45	6.60	45	8.10	45	9.40	45	10.60	46	12.10	46	13.10
50	43	4.00	44	4.90	45	5.90	45	7.00	46	8.50	46	9.90	46	11.10	46	12.80	46	13.80
55	44	4.20	45	5.20	45	6.20	45	7.30	46	8.90	46	10.30	46	11.80	47	13.50	47	15.20
60	45	4.40	45	5.40	45	6.50	46	7.80	46	9.30	47	10.80	47	12.40	47	14.10	48	15.90

#### STRAIGHT BORE NOZZLE (SBN-3)\*

Bars @ Nozzle	NOZZLE SIZE METRIC																	
	3.57 mm (9/64")		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")		5.95 mm (15/64")		6.35 mm (1/4")		6.75 mm (17/64")	
	Rad.	Flow Flow (m) (lps) (m <sup>3</sup> /h)	Rad.	Flow Flow (m) (lps) (m <sup>3</sup> /h)	Rad.	Flow Flow (m) (lps) (m <sup>3</sup> /h)	Rad.	Flow Flow (m) (lps) (m <sup>3</sup> /h)	Rad.	Flow Flow (m) (lps) (m <sup>3</sup> /h)	Rad.	Flow Flow (m) (lps) (m <sup>3</sup> /h)	Rad.	Flow Flow (m) (lps) (m <sup>3</sup> /h)	Rad.	Flow Flow (m) (lps) (m <sup>3</sup> /h)	Rad.	Flow Flow (m) (lps) (m <sup>3</sup> /h)
2.8	13.0	0.23 0.82	13.3	0.28 1.00	13.3	0.33 1.20	13.6	0.40 1.43	13.7	0.48 1.73	13.7	0.56 2.02	13.7	0.63 2.27	13.9	0.72 2.59	13.9	0.78 2.82
3.0	13.1	0.24 0.85	13.5	0.29 1.05	13.5	0.35 1.25	13.7	0.41 1.48	13.8	0.50 1.81	13.8	0.58 2.10	13.8	0.66 2.37	14.0	0.75 2.70	14.0	0.81 2.93
3.5	13.3	0.25 0.91	13.6	0.31 1.11	13.7	0.37 1.34	13.9	0.44 1.59	14.0	0.54 1.93	14.0	0.62 2.25	14.0	0.70 2.52	14.2	0.81 2.91	14.2	0.87 3.13
4.0	13.7	0.27 0.98	13.8	0.34 1.21	13.8	0.40 1.45	14.0	0.48 1.73	14.1	0.58 2.08	14.2	0.67 2.41	14.3	0.77 2.76	14.3	0.87 3.15	14.4	0.99 3.55
4.1	13.7	0.28 1.00	13.9	0.34 1.23	13.9	0.41 1.48	14.0	0.49 1.77	14.2	0.59 2.11	14.3	0.68 2.45	14.3	0.78 2.82	14.3	0.89 3.20	14.5	1.00 3.61

Flow rates reflect singl nozzle configuration.

### Part Numbers and Ordering Information

Note: Performance data taken using 10' riser

Sprinkler Only	
Sprinkler without Nozzles or Plugs	<b>A11640</b>

Nozzle Only		XX = NOZZLE SIZE											
U.S. Standard		9/64"	5/32"	11/64"	3/16"	13/64"	7/32"	15/64"	1/4"	17/64"	9/32"		
Metric		3.57 mm	3.97 mm	4.37 mm	4.76 mm	5.16 mm	5.56 mm	5.95 mm	6.35 mm	6.75 mm	7.14 mm		
Brass Straight Bore Nozzle	SBN-3	<b>105842-XX</b>	09	10	11	12	13	14	15	16	17	-	
Brass Plug		<b>100289</b>	Bold nozzle size numbers denote the most common nozzle choices.										