



## PERFORMANCE DATA

14DH

### 14DH

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

Bearing: 1/2" Male NPT, Plastic  
Trajectory Angle: 22°  
Operating Range: 1.4-4.1 bars  
Flow Rate: 0.18-0.61 m<sup>3</sup>/h  
Radius: 7.0-11.74 meters

#### FEATURES

- Durable Delrin™ plastic body, arm and bearing sleeve
- Stainless steel springs and fulcrum pin
- Brass bearing nipple
- Chemically resistant washers
- Teflon™ wear washer
- Two-year warranty

#### BENEFITS

- Superior chemical and grit resistance
- Smooth rotation at lower pressures
- Design flexibility
- Built to last

#### Brass Straight Bore Nozzle (SBN-1) (Stream Height: 1.8m)

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 <sup>3</sup> /h)	Rad. (m)	Flow (lps)	Flow (m <sup>3</sup> /h)	Rad. (m)	Flow (lps)	Flow (m <sup>3</sup> /h)
1.4	9.3	0.05	0.18	10.1	0.07	0.26	10.5	0.10	0.35
1.5	9.3	0.05	0.19	10.1	0.07	0.27	10.6	0.10	0.37
2.0	9.6	0.06	0.22	10.3	0.09	0.31	10.8	0.12	0.42
2.5	9.8	0.07	0.24	10.6	0.10	0.35	11.0	0.13	0.47
3.0	10.0	0.07	0.27	10.8	0.11	0.38	11.2	0.14	0.52
3.5	10.2	0.08	0.29	11.0	0.11	0.41	11.5	0.16	0.56
4.0	10.5	0.08	0.31	11.2	0.12	0.44	11.7	0.17	0.60
4.1	10.5	0.09	0.31	11.3	0.12	0.45	11.7	0.17	0.61

#### Off Axis Nozzle (OAN-1-15) (Stream Height: 0.9m)

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 <sup>3</sup> /h)	Rad. (m)	Flow (lps)	Flow (m <sup>3</sup> /h)	Rad. (m)	Flow (lps)	Flow (m <sup>3</sup> /h)
1.4	7.0	0.05	0.18	8.1	0.07	0.26	8.4	0.10	0.35
1.5	7.3	0.05	0.19	8.3	0.07	0.27	8.6	0.10	0.37
2.0	8.3	0.06	0.22	9.1	0.09	0.31	9.4	0.12	0.42
2.5	8.7	0.07	0.24	9.5	0.10	0.35	9.8	0.13	0.47
3.0	9.2	0.08	0.27	9.9	0.11	0.38	10.4	0.15	0.54
3.5	9.6	0.09	0.31	10.4	0.11	0.41	10.9	0.17	0.60

## 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 14DH sprinkler with a 1.98 mm Brass Straight Bore Nozzle the part number would be:	<b>A01813-</b>	<b>05</b>	<b>A01813-05</b>

Chart 1	PART NUMBER: FIRST HALF
<b>SPRINKLER ONLY</b>	
Sprinkler without Nozzle	<b>A01811</b>
<b>SPRINKLER WITH SINGLE NOZZLE INSTALLED</b>	
Sprinkler with <b>SBN-1</b>	<b>A01813-</b>
Sprinkler with <b>OAN-1-15</b>	<b>A01814-</b>

Chart 2	PART NUMBER: SECOND HALF		
NOZZLE	1.98 mm	2.38 mm	2.78 mm
Brass Straight Bore Nozzle (105780-) <b>SBN-1</b>	<b>05</b>	<b>06</b>	<b>07</b>
Brass 15° Off Axis Nozzle (103513-) <b>OAN-1-15</b>	<b>05</b>	<b>06</b>	<b>07</b>