B-1 FOAM-WATER SPRINKLER

PENDENT

NDD360

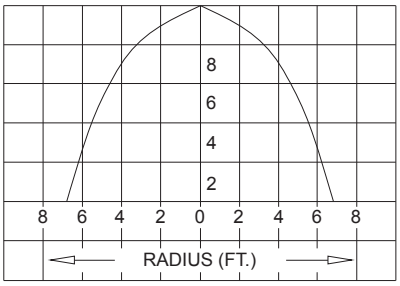
- Aspirated Device
- UL Approved
- Compatible With All Foams
- Marine Compatible Construction

Specifications

Description .....Overhead Foam-Water Sprinkler
Manufacturer .....Gem Sprinkler Co.
Model.....B-1
Type.....Pendent
Connection .....1/2" MNPT (13mm)
Orifice Size .....3/8" at Throat (9.5mm)
Design Rate.....30 GPM @ 100 PSI
Operating Range....30 PSI (2.07 Bar) Min.
100 PSI (6.89 Bar) Max
K Factor 3.0
Length .....5-15/16" (151mm)
Weight .....1 lb. 2 oz. (1/2 kG.)
Finish.....Plain

Material:

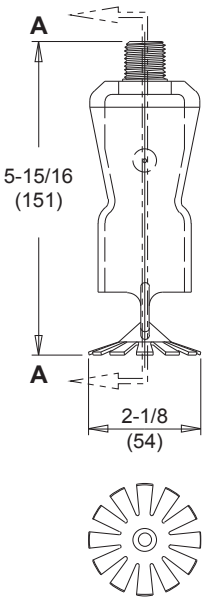
- Body.....Bronze Commercial MIL-H-24146
- Deflector .....Brass

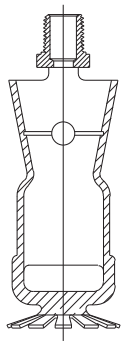


Outline of discharge operating at 30 psi (2.07 Bar).
NOTE: Higher inlet pressure will give slightly wider patterns.

Approvals and Listings

- Underwriters Laboratories
- Note: This device is UL Listed with specific National Foam Concentrates and is compatible with all National Foam Concentrates.





SECTION A-A

B-1 Sprinkler Flows/Pressures Chart

Inlet Pressure PSI (Bars)	Foam Solution GPM (LPM)
100 (6.9)	30.0 (113.6)
95 (6.6)	29.2 (110.7)
90 (6.2)	28.5 (107.7)
85 (5.9)	27.7 (104.7)
80 (5.5)	26.8 (101.6)
75 (5.2)	26.0 (98.3)
70 (4.8)	25.1 (95.0)
65 (4.5)	24.2 (91.6)
60 (4.1)	23.2 (88.0)
55 (3.8)	22.3 (84.2)
50 (3.5)	21.2 (80.3)
45 (3.1)	20.1 (76.2)
40 (2.8)	19.0 (71.8)
35 (2.4)	17.8 (67.2)
30 (2.1)	16.4 (62.2)

ORDERING INFORMATION

1255-2836-1	Model B-1 Foam-Water Sprinkler - Pendent

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