

U.S. STANDARD DATA | METRIC DATA



30PWH

3/4" 19mm Full Circle, Aluminum Arm Impact Sprinkler

Bearing: 3/4" Male NPT, Brass
Trajectory Angle: 27°
Operating Range: 25-80 psi 1.7-5.5 bars
Flow Rate: 1.7-5.5 GPM 0.39-1.22 m³/h
Radius: 38-46 ft. 11.74-14.03 meters
Range: One 1/4" Female NPT Nozzle Port
Spreader: One 1/8" Female NPT Spreader Nozzle Port

Features

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

Benefits

- Aluminum arm allows for smaller nozzles and lower pressures
- Wide range of flow rates
- Corrosion and grit resistant
- Built to last

PERFORMANCE DATA

30PWH

STRAIGHT BORE NOZZLE (SBN-3*)

(Stream Height: 9 ft.)

| PSI @ Nozzle | NOZZLE SIZE US STANDARD | | | | | | | |
|--------------|-------------------------|------|------|------|-------|------|-------|------|
| | 7/64" | | 1/8" | | 9/64" | | 5/32" | |
| | Rad. | GPM | Rad. | GPM | Rad. | GPM | Rad. | GPM |
| 25 | 38 | 1.70 | 39 | 2.30 | 40 | 2.90 | 41 | 3.50 |
| 30 | 39 | 1.90 | 39 | 2.50 | 40 | 3.20 | 42 | 3.90 |
| 35 | 39 | 2.10 | 40 | 2.70 | 41 | 3.40 | 43 | 4.20 |
| 40 | 39 | 2.20 | 40 | 2.90 | 41 | 3.60 | 44 | 4.50 |
| 45 | 40 | 2.30 | 41 | 3.10 | 42 | 3.80 | 44 | 4.70 |
| 50 | 40 | 2.40 | 41 | 3.20 | 42 | 4.00 | 45 | 5.00 |
| 55 | 40 | 2.60 | 42 | 3.40 | 43 | 4.20 | 45 | 5.20 |
| 60 | 41 | 2.70 | 42 | 3.60 | 43 | 4.40 | 46 | 5.50 |
| 65 | 41 | 2.80 | 43 | 3.70 | 44 | 4.70 | - | - |
| 70 | 41 | 2.90 | 43 | 3.80 | 44 | 4.80 | - | - |
| 75 | 41 | 3.00 | 43 | 4.00 | - | - | - | - |
| 80 | 42 | 3.10 | 43 | 4.10 | - | - | - | - |

STRAIGHT BORE NOZZLE (SBN-3*)

(Stream Height: 2.7m)

| BARS @ Nozzle | NOZZLE SIZE METRIC | | | | | | | | | | | |
|---------------|--------------------|------------|-------------|----------------|------------|-------------|-----------------|------------|-------------|-----------------|------------|-------------|
| | 2.78 mm (7/64") | | | 3.18 mm (1/8") | | | 3.57 mm (9/64") | | | 3.97 mm (5/32") | | |
| | Rad. (m) | Flow (lps) | Flow (m³/h) | Rad. (m) | Flow (lps) | Flow (m³/h) | Rad. (m) | Flow (lps) | Flow (m³/h) | Rad. (m) | Flow (lps) | Flow (m³/h) |
| 1.7 | 11.7 | 0.11 | 0.39 | 11.9 | 0.15 | 0.52 | 12.2 | 0.18 | 0.66 | 12.5 | 0.22 | 0.79 |
| 2.0 | 11.9 | 0.12 | 0.42 | 12.0 | 0.16 | 0.56 | 12.3 | 0.20 | 0.71 | 12.9 | 0.24 | 0.87 |
| 2.5 | 11.9 | 0.13 | 0.48 | 12.2 | 0.17 | 0.62 | 12.5 | 0.22 | 0.78 | 13.3 | 0.27 | 0.97 |
| 3.0 | 12.1 | 0.14 | 0.52 | 12.5 | 0.19 | 0.69 | 12.8 | 0.24 | 0.85 | 13.5 | 0.29 | 1.05 |
| 3.5 | 12.2 | 0.15 | 0.55 | 12.7 | 0.20 | 0.73 | 13.0 | 0.25 | 0.92 | 13.7 | 0.32 | 1.14 |
| 4.0 | 12.4 | 0.17 | 0.60 | 12.9 | 0.22 | 0.80 | 13.2 | 0.27 | 0.98 | 14.0 | 0.34 | 1.22 |
| 4.5 | 12.5 | 0.18 | 0.64 | 13.1 | 0.23 | 0.84 | 13.4 | 0.30 | 1.07 | - | - | - |
| 5.0 | 12.6 | 0.19 | 0.67 | 13.2 | 0.25 | 0.89 | - | - | - | - | - | - |
| 5.5 | 12.8 | 0.20 | 0.70 | 13.3 | 0.26 | 0.93 | - | - | - | - | - | - |

Part Numbers and Ordering Information

| Sprinkler Only | |
|------------------------------------|---------------|
| Sprinkler without Nozzle with Plug | A11355 |

| Nozzle Only | | | XX = NOZZLE SIZE | | | |
|--------------------------------------|---------------|------------------|------------------|-----------|---------|---------|
| U.S. Standard | | | 7/64" | 1/8" | 9/64" | 5/32" |
| Metric | | | 2.78 mm | 3.18 mm | 3.57 mm | 3.97 mm |
| Brass Straight Bore Nozzle | SBN-3 | 105842-XX | 07 | 08 | 09 | 10 |
| Brass Straight Bore Nozzle with Vane | SBN-3V | 106131-XX | 07 | 08 | 09 | 10 |

Bold nozzle size numbers denote the most common nozzle choices.