



PERFORMANCE DATA

M20H

M20H

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

Bearing: 1/2" Male NPT, Brass
Trajectory Angle: 15°
Operating Range: 1.7-5.5 bars
Flow Rate: 0.39-0.96 m³/h
Radius: 9.46-11.74 meters

FEATURES

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

BENEFITS

- Spoon drive arm runs on larger nozzles and higher pressures
- Corrosion and grit resistant
- Built to last

Straight Bore Nozzle (SBN-1) (Stream Height: 1.1m)

| BARS @ Nozzle | NOZZLE SIZE | | | | | | | | |
|------------------|--------------------|---------------|-----------------------------|-------------------|---------------|-----------------------------|--------------------|---------------|-----------------------------|
| | 2.78 mm (7/64") | | | 3.18 mm (1/8") | | | 3.57 mm (9/64") | | |
| | Rad. (m) | Flow (lps) | Flow (m ³ /h) | Rad. (m) | Flow (lps) | Flow (m ³ /h) | Rad. (m) | Flow (lps) | Flow (m ³ /h) |
| 1.7 | 9.4 | 0.11 | 0.39 | 9.9 | 0.14 | 0.51 | 10.2 | 0.18 | 0.65 |
| 2.0 | 9.7 | 0.12 | 0.42 | 10.1 | 0.15 | 0.55 | 10.5 | 0.19 | 0.70 |
| 2.5 | 10.1 | 0.13 | 0.47 | 10.6 | 0.17 | 0.62 | 11.0 | 0.22 | 0.78 |
| 3.0 | 10.6 | 0.14 | 0.52 | 11.0 | 0.19 | 0.68 | 11.5 | 0.24 | 0.86 |
| 3.5 | 10.8 | 0.15 | 0.56 | 11.4 | 0.20 | 0.73 | 11.7 | 0.26 | 0.92 |

Low Pressure Nozzle (LPN-1) (Stream Height: 0.6m)

| BARS @ Nozzle | NOZZLE SIZE | | | | | | | | |
|------------------|--------------------|---------------|-----------------------------|-------------------|---------------|-----------------------------|--------------------|---------------|-----------------------------|
| | 2.78 mm (7/64") | | | 3.18 mm (1/8") | | | 3.57 mm (9/64") | | |
| | Rad. (m) | Flow (lps) | Flow (m ³ /h) | Rad. (m) | Flow (lps) | Flow (m ³ /h) | Rad. (m) | Flow (lps) | Flow (m ³ /h) |
| 2.1 | 9.8 | 0.12 | 0.45 | 10.2 | 0.16 | 0.59 | 10.5 | 0.21 | 0.74 |
| 2.5 | 10.1 | 0.14 | 0.49 | 10.6 | 0.18 | 0.64 | 11.0 | 0.23 | 0.82 |
| 3.0 | 10.6 | 0.15 | 0.54 | 11.0 | 0.20 | 0.71 | 11.5 | 0.25 | 0.89 |
| 3.5 | 10.8 | 0.16 | 0.58 | 11.4 | 0.21 | 0.76 | 11.7 | 0.27 | 0.96 |

Rain Flow Nozzle (RFN-1)

| BASE PRESSURE BARS | RADIUS (m) | |
|--------------------------|--------------------------------------|--------------------------------------|
| | 0.45 m ³ /h (0.13 lps) | 0.57 m ³ /h (0.16 lps) |
| 2.1 | 9.9 | 10.2 |
| 2.5 | 10.1 | 10.5 |
| 3.0 | - | 10.7 |
| 3.5 | - | 10.8 |
| 4.0 | - | 10.9 |
| 4.5 | - | 11.1 |
| 5.0 | - | 11.1 |
| 5.5 | - | 11.1 |

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 an M20H sprinkler with a 2.78 mm Straight Bore Nozzle the part number would be: | A05621- | 07 | A05621-07 |

| Chart 1 | PART NUMBER: FIRST HALF |
|---|-------------------------|
| SPRINKLER ONLY | |
| Sprinkler without Nozzle | A05621 |
| SPRINKLER WITH SINGLE NOZZLE INSTALLED | |
| Sprinkler with SBN-1 | A05621- |
| Sprinkler with LPN-1 | A05622- |
| Sprinkler with RFN-1 | A05623- |
| Sprinkler with PQFN-1 | A05624- |

| Chart 2 | PART NUMBER: SECOND HALF | | |
|---|-----------------------------|-----------------------------|-----------|
| NOZZLE | 2.78 mm | 3.18 mm | 3.57 mm |
| Brass Straight Bore Nozzle (105780-) SBN-1 | 07 | 08 | 09 |
| Brass Low Pressure Nozzle (104571-) LPN-1 | 07 | 08 | 09 |
| Plastic Straight Bore Quick-Fit Nozzle (117324-) PQFN-1 | 07 | 08 | 09 |
| RAIN FLOW NOZZLE | 0.45 m³/h | 0.57 m³/h | |
| Brass Rain Flow (111088-) RFN-1 | 02-00 | 02-50 | |

Bold nozzle size numbers denote the most common nozzle choices.