



PERFORMANCE DATA

30PSH

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3/4" (19 mm) Full Circle, Brass Impact Sprinkler

Bearing: 3/4" Male NPT, Brass
Trajectory Angle: 27°
Operating Range: 1.7-6.9 bars
Flow Rate: 1.34-5.31 m³/h
Radius: 14.34-20.74 meters

FEATURES

- Heavy duty brass construction
- High pressure spoon
- Stainless steel springs and fulcrum pin
- Chemically resistant washers
- Dual nozzle ports
- Two-year warranty

BENEFITS

- High pressure spoon allows for larger nozzles and pressures
- Exceptionally wide range of flow rates
- Corrosion and grit resistant
- Built to last

Straight Bore Nozzle (SBN-3) with Spreader (LAN-1-20) (Stream Height: 3m)

BARS @ Nozzle	NOZZLE SIZE											
	5.16 mm x 3.18 mm (13/64" x 1/8") 20°			5.56 mm x 3.18 mm (7/32" x 1/8") 20°			5.95 mm x 3.18 mm (15/64" x 1/8") 20°			6.35 mm x 3.18 mm (1/4" x 1/8") 20°		
	Rad. (m)	Flow (lps)	Flow (m ³ /h)	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	14.3	0.52	1.89	14.6	0.58	2.10	14.9	0.65	2.34	15.2	0.71	2.57
2.0	14.8	0.57	2.04	15.1	0.63	2.27	15.4	0.70	2.52	15.7	0.77	2.77
2.5	15.7	0.64	2.30	15.9	0.71	2.57	16.2	0.78	2.82	16.6	0.87	3.12
3.0	16.1	0.70	2.53	16.4	0.79	2.83	16.8	0.86	3.08	17.3	0.95	3.44
3.5	16.3	0.76	2.72	16.8	0.84	3.04	17.3	0.92	3.32	17.7	1.03	3.71
4.0	16.6	0.81	2.91	17.2	0.90	3.22	17.7	0.97	3.47	18.2	1.10	3.96
4.5	17.1	0.85	3.07	17.7	0.94	3.39	18.1	1.01	3.65	18.6	1.16	4.19
5.0	17.5	0.90	3.24	18.1	0.99	3.55	18.6	1.10	3.97	19.0	1.23	4.42
5.5	18.0	0.94	3.40	18.6	1.03	3.72	19.0	1.16	4.17	19.5	1.29	4.65
6.0	18.4	0.98	3.54	19.0	1.07	3.86	19.5	1.20	4.33	19.9	1.36	4.89
6.5	18.8	1.02	3.68	19.5	1.11	4.00	19.9	1.24	4.48	20.4	1.43	5.13
6.9	19.2	1.05	3.80	19.8	1.14	4.11	20.3	1.27	4.59	20.7	1.48	5.31

Brass Straight Bore Nozzle and Vane (SBN-3V) with Plug (Stream Height: 3m)

BARS @ Nozzle	NOZZLE SIZE											
	5.16 mm (13/64")			5.56 mm (7/32")			5.95 mm (15/64")			6.35 mm (1/4")		
	Rad. (m)	Flow (lps)	Flow (m ³ /h)	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	14.3	0.37	1.34	14.6	0.43	1.55	14.9	0.50	1.79	15.2	0.56	2.02
2.0	14.8	0.40	1.45	15.1	0.47	1.69	15.4	0.54	1.94	15.7	0.61	2.18
2.5	15.7	0.45	1.64	15.9	0.53	1.91	16.2	0.60	2.17	16.6	0.68	2.45
3.0	16.1	0.50	1.80	16.4	0.58	2.10	16.8	0.66	2.37	17.3	0.76	2.75
3.5	16.3	0.54	1.94	16.8	0.63	2.26	17.3	0.70	2.54	17.7	0.81	2.93
4.0	16.6	0.57	2.06	17.2	0.66	2.38	17.7	0.75	2.70	18.2	0.87	3.12
4.5	17.1	0.60	2.15	17.7	0.69	2.49	18.1	0.80	2.87	18.6	0.92	3.32
5.0	17.5	0.63	2.27	18.1	0.73	2.61	18.6	0.84	3.03	19.0	0.97	3.49
5.5	18.0	0.66	2.38	18.6	0.76	2.74	19.0	0.88	3.17	19.5	1.01	3.65
6.0	18.4	0.69	2.49	19.0	0.80	2.88	19.5	0.92	3.31	19.9	1.06	3.81
6.5	18.8	0.72	2.60	19.5	0.84	3.02	19.9	0.95	3.44	20.4	1.10	3.96
6.9	19.2	0.75	2.69	19.8	0.87	3.14	20.3	0.98	3.54	20.7	1.14	4.09

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 30PSH sprinkler with a 5.16 mm Brass Straight Bore Nozzle and a 3.18 mm Brass 20° Low Angle Spreader Nozzle the part number would be:	A08714-	13-08	= A08714-13-08

Chart 1	PART NUMBER: FIRST HALF
SPRINKLER ONLY/ PLUG	
Sprinkler without Nozzle	A08713
SPRINKLER WITH COMBINATION NOZZLES INSTALLED	
Sprinkler with SBN-3 and LAN-1-20	A08714-
Sprinkler with SBN-3V and LAN-1-20	A10803-

Chart 2	PART NUMBER: SECOND HALF				
NOZZLE	3.18 mm	5.16 mm	5.56 mm	5.95 mm	6.35 mm
Brass Straight Bore Nozzle (105842-) SBN-3	-	13	14	15	16
Brass Straight Bore Nozzle with Vane (106131-) SBN-3V	-	13	14	15	16
Brass 20° Low Angle Spreader Nozzle (100226-) LAN-1-20	08	-	-	-	-
Brass Plug (100225)					