



PERFORMANCE DATA

70H

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1" (25 mm) Full Circle, Brass Impact Sprinkler

Bearing: 1" Female NPT or BSP, Brass

Trajectory Angle: 21°

Operating Range: 2.8-5.5 bars

Flow Rate: 2.00-10.40 m³/h

Radius: 17.39-25.01 meters

FEATURES

- Heavy duty brass construction
- 1" Female NPT Bearing
- Integral Straightening Vanes
- Stainless steel springs and fulcrum pin
- Chemically resistant washers
- Dual nozzle ports
- Two-year warranty

BENEFITS

- Integral straightening vanes increase distance of throw
- Wide range of flow rates
- Corrosion and grit resistant
- Built to last

Straight Bore Nozzle (SBN-4) with Plug (Stream Height: 2.4m)

BARS @ Nozzle	NOZZLE SIZE																							
	5.56 mm (7/32")			6.35 mm (1/4")			7.14 mm (9/32")			7.94 mm (5/16")			8.73 mm (11/32")			9.53 mm (3/8")			10.32 mm (13/32")					
	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)	Rad. (m)	Flow (lps)	Flow (m ³ /h)	Rad. (m)	Flow (lps)	Flow (m ³ /h)	Rad. (m)	Flow (lps)	Flow (m ³ /h)			
2.8	17.4	0.56	2.00	18.3	0.73	2.61	19.1	0.92	3.32	19.8	1.12	4.02	20.3	1.33	4.79	20.7	1.54	5.54	21.3	1.80	6.47			
3.0	17.7	0.58	2.09	18.5	0.76	2.72	19.4	0.96	3.46	20.1	1.17	4.21	20.6	1.39	5.01	21.2	1.61	5.79	21.8	1.88	6.77			
3.5	18.2	0.63	2.26	18.9	0.82	2.95	20.0	1.04	3.73	20.8	1.27	4.58	21.4	1.51	5.45	21.9	1.75	6.30	22.5	2.05	7.39			
4.0	18.6	0.67	2.43	19.4	0.88	3.17	20.5	1.12	4.01	21.6	1.36	4.90	22.1	1.62	5.84	22.5	1.89	6.81	23.3	2.21	7.95			
4.5	19.1	0.72	2.59	19.8	0.94	3.37	21.0	1.19	4.28	22.1	1.45	5.23	22.7	1.73	6.23	23.2	2.02	7.28	23.9	2.35	8.47			
5.0	19.5	0.76	2.72	20.3	0.99	3.56	21.5	1.26	4.52	22.6	1.54	5.53	23.3	1.83	6.60	23.8	2.14	7.69	24.3	2.45	8.82			
5.5	19.8	0.79	2.86	20.7	1.04	3.75	21.9	1.32	4.75	23.0	1.62	5.84	23.8	1.93	6.95	24.5	2.25	8.11	25.0	2.64	9.49			

Straight Bore Nozzle (SBN-4) with Spreader (LAN-1-20) (Stream Height: 2.4m)

BARS @ Nozzle	NOZZLE SIZE																							
	5.56 mm x 3.18 mm (7/32" x 1/8") 20°			6.35 mm x 3.18 mm (1/4" x 1/8") 20°			7.14 mm x 3.18 mm (9/32" x 1/8") 20°			7.94 mm x 3.18 mm (5/16" x 1/8") 20°			8.73 mm x 3.18 mm (11/32" x 1/8") 20°			9.53 mm x 3.18 mm (3/8" x 1/8") 20°			10.32 mm x 3.18 mm (13/32" 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)	Rad. (m)	Flow (lps)	Flow (m ³ /h)	Rad. (m)	Flow (lps)	Flow (m ³ /h)	Rad. (m)	Flow (lps)	Flow (m ³ /h)			
2.8	17.4	0.73	2.63	18.3	0.90	3.25	19.1	1.10	3.95	19.8	1.29	4.66	20.3	1.51	5.43	20.7	1.72	6.18	21.3	1.98	7.13			
3.0	17.7	0.77	2.76	18.5	0.94	3.39	19.4	1.15	4.13	20.1	1.35	4.88	20.6	1.58	5.68	21.2	1.80	6.46	21.8	2.07	7.45			
3.5	18.2	0.83	2.98	18.9	1.02	3.66	20.0	1.23	4.44	20.8	1.47	5.29	21.4	1.71	6.16	21.9	1.95	7.01	22.5	2.26	8.13			
4.0	18.6	0.89	3.19	19.4	1.09	3.93	20.5	1.32	4.77	21.6	1.57	5.67	22.1	1.83	6.60	22.5	2.10	7.57	23.3	2.43	8.74			
4.5	19.1	0.95	3.41	19.8	1.16	4.19	21.0	1.42	5.10	22.1	1.68	6.05	22.7	1.96	7.05	23.2	2.25	8.10	23.9	2.58	9.29			
5.0	19.5	0.99	3.58	20.3	1.23	4.42	21.5	1.49	5.37	22.6	1.77	6.38	23.3	2.07	7.45	23.8	2.37	8.54	24.3	2.69	9.67			
5.5	19.8	1.04	3.75	20.7	1.29	4.63	21.9	1.56	5.63	23.0	1.87	6.72	23.8	2.18	7.84	24.5	2.50	8.99	25.0	2.89	10.40			

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 70H sprinkler with a 5.56 mm Brass Straight Bore Nozzle, a Brass Spreader Bushing, and a 3.18 mm Brass 20° Low Angle Spreader Nozzle the part number would be:	A20038-	14-08	A20038-14-08

Chart 1	PART NUMBER: FIRST HALF
SPRINKLER ONLY / PLUG	
Sprinkler without Nozzle (NPT)	A20000
Sprinkler without Nozzle plus Brass Plug (NPT)	A20001
SPRINKLER WITH SINGLE NOZZLE INSTALLED	
Sprinkler with SBN-4 and Plug (NPT)	A20002-
SPRINKLER WITH COMBINATION NOZZLES INSTALLED	
Sprinkler with SBN-4, SPB-1 and LAN-1-20 (NPT)	A20038-
SPRINKLER ONLY / PLUG	
Sprinkler without Nozzle (BSP)	A20080
Sprinkler without Nozzle plus Brass Plug (BSP)	A20075
SPRINKLER WITH SINGLE NOZZLE INSTALLED	
Sprinkler with SBN-4 and Plug (BSP)	A20077-
SPRINKLER WITH COMBINATION NOZZLES INSTALLED	
Sprinkler with SBN-4, SPB-1 and LAN-1-20 (BSP)	A20085-

Chart 2	PART NUMBER: SECOND HALF								
NOZZLE	3.18 mm	5.56 mm	6.35 mm	7.14 mm	7.94 mm	8.73 mm	9.53 mm	10.32 mm	
Brass Straight Bore Nozzle (100382-) SBN-4	-	14	16	18	20	22	24	26	
Brass Spreader Bushing (100418-) SPB-1	(Needed for use with LAN-1-20)								
Brass 20° Low Angle Spreader Nozzle (100226-) LAN-1-20	08	-	-	-	-	-	-	-	-
Brass Plug (100417)									