

AASW large flow carbide silicone spray nozzles

DESIGN FEATURES

1. Spray consistency is uniform
 2. Spray liquid droplets distribute at a large range
 3. The spray liquid droplet size is 20%~80% smaller than other hollow cone shaped nozzles
- The graph given below is the compare data between AASW spray nozzle and common hollow cone-shaped nozzle at the same flow rate, It is easy to find that the spray liquid droplets of AASW spray nozzle distribute at a large range, o that it can minimize the spray consistency consumedly, Meanwhile, its droplet size is 50% smaller than common hollow cone-shaped nozzles.



AASW

PERFORMANCE DATA

Flow rate and size of AASW

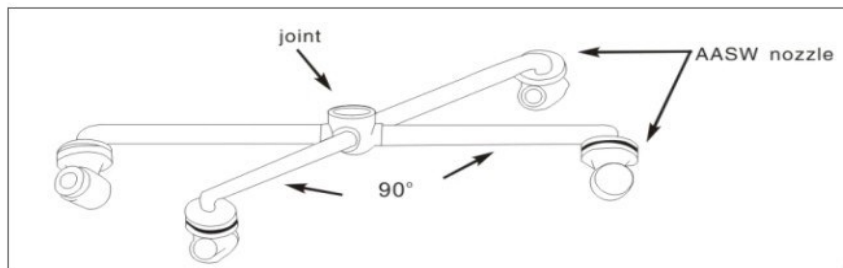
Hollow cone-shaped, wide angle, "1 to 3" size BSPT or NPT

Flange inlet	Capacity size	Spray angle			K factor	Capacity (liters per minute)								Inlet size	Capacity size	Size				Weight kg
		0.3 Bar	1 Bar	3 Bar		0.2 Bar	0.3 Bar	0.5 Bar	0.7 Bar	1 Bar	1.5 Bar	2 Bar	3 Bar			A	B	C	D	
2	SW8516	112°	115°	115°	194	86.6	106	137	162	194	237	274	336	21.8	21.8	91.9	130	114	70.6	1.81
	SW10516	120°	122°	122°	239	107	131	169	200	239	293	338	414	25.4	25.4					
	SW12516	119°	122°	122°	285	127	156	201	328	285	349	403	493	29	29					
	SW14516	122°	125°	125°	330	148	181	234	276	330	405	467	572	32.1	32.1					
	SW17016	125°	125°	125°	387	173	212	274	324	387	474	548	671	35.3	35.3					
	SW19216	125°	125°	125°	438	196	240	309	366	438	536	619	758	38.5	36.5					
	SW20516	125°	125°	125°	467	209	256	330	391	467	572	661	809	41.3	36.5					
	SW23016	125°	125°	125°	524	234	287	371	439	524	642	741	908	44.5	36.5					
2-1/2	SW17020	117°	120°	120°	387	173	212	274	324	387	474	548	671	33.7	33.7	125	172	143	88.1	2.9
	SW19020	117°	120°	120°	433	194	237	306	362	433	530	612	750	36.1	36.1					
	SW20520	117°	120°	120°	467	209	256	330	391	467	572	661	809	37.3	37.3					
	SW23020	123°	125°	125°	524	234	287	371	439	524	642	741	908	40.1	40.1					
	SW28020	128°	130°	130°	6388	285	349	451	534	638	781	902	1110	46	44.5					
	SW32020	128°	130°	130°	729	326	399	516	610	729	893	1030	1260	51.2	44.5					
	SW34020	128°	130°	130°	775	347	424	548	648	775	949	1100	1340	53.2	44.5					
	SW43520	128°	130°	130°	991	443	543	701	829	991	1210	1400	1720	61.9	44.5					
3	SW18524	122°	122°	122°	422	189	231	298	353	422	516	596	730	32.5	32.5	145	200	173	109	4.08
	SW23024	122°	122°	122°	524	234	287	371	439	524	642	741	908	36.5	36.5					
	SW28024	122°	122°	122°	638	285	349	451	534	638	781	902	1110	41.3	41.5					
	SW32024	125°	125°	125°	729	326	399	516	610	729	893	1030	1260	45.2	45.2					
	SW34024	125°	125°	125°	775	347	424	548	648	775	949	1100	1340	46.8	46.8					
	SW12224	128°	130°	130°	939	420	514	664	786	939	1150	1330	1630	53.6	53.6					
	SW46924	129°	132°	135°	1070	478	585	756	894	1070	1310	1510	1850	57.9	54					
	SW52624	129°	132°	135°	1200	536	657	848	1000	1200	1470	1700	2080	63.1	54					
	SW56424	129°	132°	135°	1290	575	704	909	1080	1290	1570	1820	2230	65.9	54					

Flow rate (liters /minute)=K√bar pressure

Standard material : Brass, carbon steel and 316SS.

The following picture is AASW spray nozzle joint, to joint many nozzles.



ORDERING INFORMATION

2 — AASW — Carbon steel — SW8516
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 Flange Inlet Nozzle type Material code Capacity size