

HHP series high impact combined nozzles



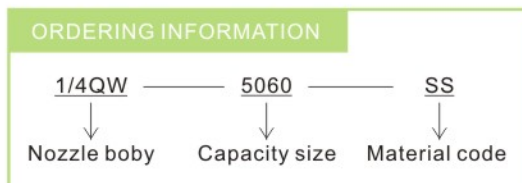
DESIGN FEATURES

The HHP series spray nozzle tips with large unobstructed flow passages are machined to help minimize any clogging. These spray nozzle tips feature a very high impact flat spray pattern with narrow spray angles... Plus producing a uniform spray distribution of medium sized droplets. The spray pattern have very sharply defined edges.

PERFORMANCE DATA

Spray angle (3bar)	Nozzle inlet Conn. NPT or BSPT					Capacity Size	Rated Orifice Diam. (mm)	Capacity (liters per minute)										Spray angle			Dimension		
	1/8	1/4	3/8	1/2	3/4			1 bar	2 bar	3 bar	4 bar	5 bar	6 bar	7 bar	10 bar	1 bar	3 bar	7 bar	A (mm)	B Deflecti on angle	C Square bar size (mm)		
50°		●				5010	2.0	2.3	3.2	3.9	4.6	5.1	5.6	6.0	7.2	34°	50°	60°	31	60°	15.9		
		●	●			5025	2.8	5.7	8.1	9.9	11.4	12.7	14	15.1	18	42°	50°	59°	41.5	42°	19.1		
		●	●			5040	3.6	9.1	12.9	15.8	18.2	20	22	24	29	39°	50°	60°	47	45°	19.1		
			●			5060	4.8	13.7	19.3	24	27	31	33	36	43	42°	50°	53°	55	37°	25.4		
			●			50100	6.0	23	32	39	46	51	56	60	72	43°	50°	55°	72	40°	31.8		
			●			50125	6.7	28	40	49	57	64	70	75	90	38°	50°	59°	72	38°	31.8		
			●			50160	7.5	36	52	63	73	82	89	96	115	44°	50°	55°	72	37°	31.8		
40°			●			50200	8.3	46	64	79	91	102	112	121	144	46°	50°	53°	72	32°	31.8		
			●			4040	3.6	9.1	12.9	15.8	18.2	20	22	24	29	31°	40°	50°	60.5	35°	22.2		
			●			4050	4.0	11.4	16.1	19.7	23	25	28	30	36	31°	40°	49°	63.5	33°	25.4		
			●			4060	4.4	13.7	19.3	24	27	31	33	36	43	32°	40°	49°	72	33°	25.4		
			●			4070	5.2	16	23	28	32	36	39	42	50	32°	40°	49°	75.5	29°	25.4		
			●			4080	5.2	18.2	26	32	36	41	45	48	58	32°	40°	48°	77	26°	25.4		
			●			4090	5.6	21	29	36	41	46	50	54	65	34°	40°	44°	77	28°	25.4		
			●			40100	6.0	23	32	39	46	51	56	60	72	35°	40°	44°	86.5	28°	25.4		
35°	●					3504	1.2	0.91	1.3	1.6	1.8	2	2.2	2.4	2.9	20°	35°	41°	23	40°	11.1		
		●				3510	2.0	2.3	3.2	3.9	4.6	5.1	5.6	6.0	7.2	18°	35°	39°	36.5	36°	15.9		
		●	●			3520	2.8	4.6	6.4	7.9	9.1	10.2	11.2	12.1	14.4	24°	35°	40°	42	30°	19.1		
			●			3525	2.8	5.7	8.1	9.9	11.4	12.7	14	15.1	18	24°	35°	39°	49	28°	19.1		
			●			3530	3.2	6.8	9.7	11.8	13.7	15.3	16.7	18.1	22	26°	35°	41°	52.5	28°	19.1		
			●			3540	3.6	9.1	12.9	15.8	18.2	20	22	24	29	28°	35°	38°	58	26°	22.2		
			●			3550	4.0	11.4	16.1	19.7	23	25	28	30	36	31°	35°	38°	63.5	23°	22.2		
				●		3560	4.4	13.7	19.3	24	27	31	33	36	43	29°	35°	39°	73	27°	25.4		
				●		3580	5.2	18.2	26	32	36	41	45	48	58	26°	35°	40°	81	24°	25.4		
				●		35100	6.0	23	32	39	46	51	56	60	72	26°	35°	40°	89	19°	25.4		
					●	35160	7.5	36	52	63	73	82	89	96	115	26°	35°	40°	114	23°	31.8		
					●	35200	8.3	46	64	79	91	102	112	121	144	25°	35°	40°	122	22°	31.8		
25°		●				2540	3.6	9.1	12.9	15.8	18.2	20	22	24	29	15°	25°	34°	65	25°	19.1		
		●				1510	2.0	2.3	3.2	3.9	4.6	5.1	5.6	6.0	7.2		15°	23°	47.5	22°	15.9		
15°		●				1520	2.8	4.6	6.4	7.9	9.1	10.2	11.2	12.1	14.4		15°	19°	54	19°	15.9		
			●			1530	3.2	6.8	9.7	11.8	13.7	15.3	16.7	18.1	22	6°	15°	24°	72	25°	19.1		
			●			1540	3.6	9.1	12.9	15.8	18.2	20	22	24	29	8°	15°	21°	92	18°	22.2		
			●			1550	4.4	11.4	16.1	19.7	23	25	28	30	36	9°	15°	20°	90.5	15°	22.2		
				●		1560	5.2	13.7	19.3	24	27	31	33	36	43	10°	15°	19°	125	14°	25.4		
				●		1580	6.0	18.2	26	32	36	41	45	48	58	11°	15°	18°	130	14°	25.4		
				●		15100	7.5	23	32	39	46	51	56	60	72	11°	15°	18°	137	14°	25.4		
					●	15200	8.3	46	64	79	91	102	112	121	144	12°	15°	18°	191	14°	31.8		

Pipe Inlet Conn. NPT or BSPT	Standard body type	
	(F)	(M)
1/8	QL	QW
1/4	●	●
3/8	●	●
1/2	●	●
3/4	●	●



COMMON APPLICATIONS

- Washing crushed stone and gravel
- High impact washing
- Degreasing
- Fruit and vegetable washing
- Paper machine "deckle" spraying