

HydroClaw®

(HC) Superior Clog-Resistant Tank Cleaning Nozzle

DESIGN FEATURES

- Patented, clog-resistant design with no moving parts
- Self-draining, self-flushing
- Free passage three times that of comparable spray balls, allowing passage of particles up to 1/4" in diameter
- Made from FDA-compliant 316L Stainless Steel material
- Low pressure/high flow reduces water consumption
- Clip-on nozzles include low-profile retaining pin for secure connection

SPRAY CHARACTERISTICS

- Vigorous rinsing action quickly flushes solids and contamination from vessels
- Optimum cleaning performance @ 2 bar

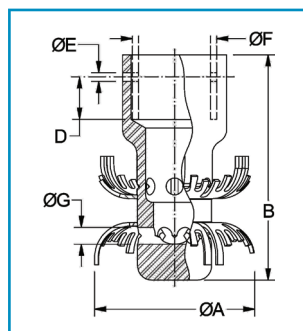
Spray Angles: Complete 360° spray

Flow Rates: 119 to 442 l/min

Max Temperature: 200 °F/93 °C



HC Dimensions (mm)



Nozzle Number	Connection Type	A	B	D	E	F	Wt (g)
HC-42	3/4" FNPT	60.5	91.2	102	22.2	4.1	416
	3/4" G						413
	1" Tube Weld-On						325
	1 1/2" Tube Clip-On	91.2	19.1	4.1	26.7	38.1	504
	1" Tube Clip-On					25.4	391
	3/4" Pipe Clip-On					23.1	382
HC-100	DN20 Tube Clip-On	73.2	102	22.2	4.1	38.1	416
	1" FNPT						649
	1" G						635
	1 1/2" Tube Weld-On						425
	1 1/2" Tube Clip-On						527
	DN40 Tube Clip-On						437
	1" Pipe Clip-On					33.5	598

Dimensions are approximate. Check with BETE for critical dimension applications.

HC Flow Rates

Material: 316L Stainless Steel

Connection Type	Nozzle Number	Spray Angle	Flow Rate (l/min) @ Differential Pressure (bar)				Max Free Passage mm	Coverage Dia @ 2 bar m
			1.5 bar	2 bar	2.5 bar	3 bar		
			bar	bar	bar	bar		
3/4" FNPT, G	HC-42	360°	119	136	152	166	6.40	2.4
1" Tube Weld-on			119	136	152	166		
1" Tube Clip-On			125	145	161	176		
1 1/2" Tube Clip-On			125	145	161	176		
3/4" Pipe Clip-On			125	145	161	176		
DN20 Tube Clip-On			125	145	161	176		
1" FNPT, G	HC-100	360°	279	322	360	394	7.60	3
1 1/2" Tube Weld-on			279	322	360	394		
1 1/2" Tube Clip-On			312	361	403	442		
DN40 Tube Clip-On			312	361	403	442		
1" Pipe Clip-On			312	361	403	442		
			312	361	403	442		

Clip-on flow rates may vary depending on actual O.D. of installation tube or pipe.