# HydroClaw®

## Tank Washing - Superior Clog Resistance
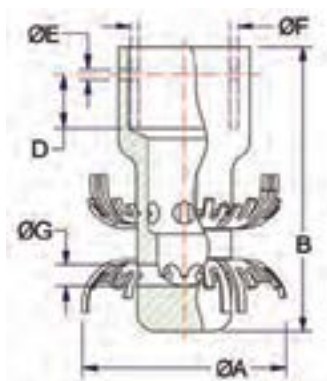
### DESIGN FEATURES

• Patent-pending, clog-resistant design with no moving parts
• Allows passage of particles 6.4 mm in diameter, three times the free passage of a comparable spray ball
• Made from FDA compliant 316L stainless steel for use in food-grade and sanitary Clean-In-Place (CIP) applications
• Low pressure/high flow operation quickly cleans tank walls to reduce overall water consumption compared to a static spray ball
• Self-draining and self-flushing
• Laser-welded for durability
• Available in a variety of connection sizes and types, including threaded, clip-on and welded.
• Clip-on nozzles include low-profile retaining pin for secure connection
• Fits through compact openings: either 63.5 mm or 76 mm diameter

### SPRAY CHARACTERISTICS

• Vigorous rinsing action quickly flushes solids and contamination from vessels
• Complete 360° omnidirectional coverage
• Optimum cleaning performance at 2 bar
• Recommended installation 0.6 - 1.0 m vertically below top of tank

**Flow rates:** 119 - 442 L/min

## HydroClaw Flow Rates and Dimensions

| Connection Types | Nozzle Number | LITERS PER MINUTE @BAR | | | | Dimensions (mm) | | | | | | Wt (g) | Coverage Diameter (m) @2 BAR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1.5 BAR | 2 BAR | 2.5 BAR | 3 BAR | A | B | D | E | F | Free Pass. G | | |
| 3/4" NPT | HC-42 | 119 | 136 | 152 | 166 | 60.5 | 91.2 | _ | _ | _ | 6.4 | 416 | 2.4 |
| G3/4 | | | | | | | | | | | | 413 | |
| 1" Tube Weld-On | | | | | | | | | | | | 325 | |
| 1-1/2" Tube Clip-On | HC-42 | 125 | 145 | 161 | 176 | 60.5 | 102 | 19.1 | 4.1 | 38.1 | 6.4 | 504 | 2.4 |
| 1" Tube Clip-On | | | | | | | 91.2 | | | 25.4 | | 391 | |
| DN20 Tube Clip-On* | | | | | | | | | | 23.1 | | 416 | |
| 3/4" Pipe Clip-On | | | | | | | | | | 26.7 | | 382 | |
| 1" NPT | HC-100 | 279 | 322 | 360 | 394 | 73.2 | 102 | _ | _ | _ | 7.6 | 649 | 3.0 |
| G1 | | | | | | | | | | | | 635 | |
| 1-1/2" Tube Weld-On | | | | | | | | | | | | 425 | |
| 1-1/2" Tube Clip-On | HC-100 | 312 | 361 | 403 | 442 | 73.2 | 102 | 19.1 | 4.1 | 38.1 | 7.6 | 527 | 3.0 |
| DN40 Tube Clip-On* | | | | | | | | | | 40.0 | | 437 | |
| 1" Pipe Clip-On | | | | | | | | | | 33.5 | | 598 | |

### Standard Material: 316L Stainless Steel

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

*Per DIN 11866 Part A / DIN 11850 Part B

**AUSTRALIA** spraynozzle.com.au
sales@spraynozzle.com.au
1800 NOZZLE | +61 (3) 9583 2368

**NEW ZEALAND** spraynozzle.co.nz
sales@spraynozzle.co.nz
0800 NOZZLE | +64 (7) 839 6444

SprayNozzle ENGINEERING
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