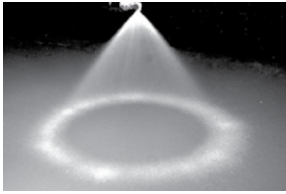


Threaded Nozzles – Hollow Cone Series YH



SPRAY CHARACTERISTICS:

A hollow cone spray pattern with large flow rates and small droplet sizes.

CONSTRUCTION:

YH Series nozzles have an anti-clog design that can be easily inspected, cleaned and serviced. Standard materials are brass, 303 stainless steel, 316 stainless steel, PVC and Teflon®. Other materials available upon request.

TYPICAL APPLICATIONS:

- Air & Gas Washing
- Dust Suppression
- Spray Ponds
- Cooling Tunnels
- Medical Treatment
- Humidification

| Available Spray Angles | BEX Size | Thread BSPT | MAX. FREE PASSAGE (mm) | Dimension | | CAPACITY (L/min) AT VARIOUS PRESSURES (bar) | | | | | | | | | | | | | | | |
|------------------------|----------|-------------|------------------------|-----------|----------|---|---------|---------|-------|---------|-------|-------|-------|-------|--------|--------|--------|--------|--|--|--|
| | | | | "A" (mm) | "L" (mm) | 0.3 bar | 0.5 bar | 0.7 bar | 1 bar | 1.5 bar | 2 bar | 3 bar | 4 bar | 6 bar | 10 bar | 13 bar | 17 bar | 20 bar | | | |
| 50° | 07 | 1/4" | 2.21 | 14 Hex | 30.2 | 1.75 | 2.26 | 2.67 | 3.2 | 3.9 | 4.5 | 5.5 | 6.4 | 7.8 | 10.1 | 11.5 | 13.2 | 14.3 | | | |
| | 13 | 1/4" | 3.18 | 14 Hex | 30.2 | 3.25 | 4.2 | 5 | 5.9 | 7.3 | 8.4 | 10.3 | 11.9 | 14.5 | 18.7 | 21.4 | 24.4 | 26.5 | | | |
| | 20 | 1/4" | 3.96 | 14 Hex | 30.2 | 5 | 6.5 | 7.6 | 9.1 | 11.2 | 12.9 | 15.8 | 18.2 | 22.3 | 28.8 | 33 | 38 | 41 | | | |
| 60° | 30 | 3/8" | 4.78 | 17 Hex | 54 | 7.5 | 9.7 | 11.4 | 13.7 | 16.8 | 19.3 | 23.7 | 27.4 | 34 | 43 | 49 | 56 | 61 | | | |
| 90° | 40 | 3/8" | 5.56 | 17 Hex | 54 | 10 | 12.9 | 15.5 | 18.2 | 22.3 | 25.8 | 31.6 | 36 | 45 | 58 | 66 | 75 | 82 | | | |
| | 53 | 3/8" | 6.35 | 17 Hex | 54 | 13.2 | 17.1 | 20.2 | 24.2 | 29.6 | 34 | 42 | 48 | 59 | 76 | 87 | 100 | 108 | | | |
| 120° | 82 | 3/8" | 7.95 | 17 Hex | 54 | 20.5 | 26.4 | 31.3 | 37.4 | 46 | 53 | 65 | 75 | 92 | 118 | 135 | 154 | 167 | | | |
| | 120 | 1/2" | 9.53 | 22 Hex | 63.5 | 30 | 39 | 46 | 54.7 | 67 | 77 | 95 | 109 | 134 | 173 | 197 | 226 | 245 | | | |
| 180° | 164 | 1/2" | 11.1 | 22 Hex | 63.5 | 41 | 53 | 63 | 74.8 | 92 | 106 | 129 | 149 | 183 | 236 | 270 | 308 | 334 | | | |
| | 210 | 3/4" | 12.7 | 27 Hex | 73 | 52 | 38 | 80 | 95.7 | 117 | 135 | 166 | 191 | 234 | 303 | 345 | 395 | 428 | | | |
| | 340 | 1" | 15.9 | 35 Hex | 93.6 | 85 | 110 | 130 | 155 | 190 | 219 | 268 | 310 | 280 | 490 | 559 | 639 | 639 | | | |
| | 470 | 1" | 19.1 | 35 Hex | 93.6 | 117 | 151 | 179 | 214 | 262 | 303 | 371 | 428 | 525 | 677 | 772 | 883 | 958 | | | |