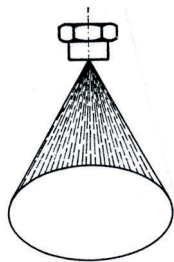


Full cone nozzle CVX

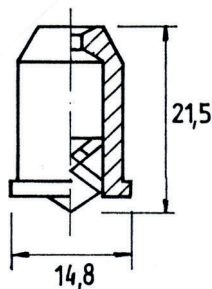
Material: brass, stainless steel, plastic, other materials on request

Illu. 1

B = outlet bore, E = smallest section,
drillings vary slightly for different spray angles



Full cone
spray pattern



| Type | B Ø (mm) | E Ø (mm) | Flow rate \dot{V} (l/min.) at pressure p (bar) | | | | | | | Spray angle | | | |
|---------|----------------|----------------|--|----------|----------|----------|----------|----------|-----------|-------------|-----|-----|------|
| | | | bar 0.5 | bar 1 | bar 2 | bar 3 | bar 5 | bar 7 | bar 10 | 45° | 60° | 90° | 120° |
| CVX 0.6 | 0.95 | 0.70 | 0.36 | 0.48 | 0.63 | 0.74 | 0.91 | 1.04 | 1.20 | | | | * |
| CVX 1.0 | 1.20 | 0.85 | 0.57 | 0.76 | 1.00 | 1.18 | 1.44 | 1.65 | 1.90 | * | * | * | * |
| CVX 1.2 | 1.30 | 0.90 | 0.72 | 0.95 | 1.25 | 1.47 | 1.80 | 2.06 | 2.38 | * | * | * | * |
| CVX 1.6 | 1.50 | 1.00 | 0.92 | 1.21 | 1.60 | 1.88 | 2.31 | 2.64 | 3.05 | * | * | * | * |
| CVX 1.8 | 1.60 | 1.10 | 1.03 | 1.36 | 1.80 | 2.12 | 2.60 | 2.97 | 3.43 | * | * | * | * |
| CVX 2.0 | 1.65 | 1.20 | 1.15 | 1.52 | 2.00 | 2.35 | 2.89 | 3.30 | 3.81 | * | * | * | * |
| CVX 2.5 | 1.90 | 1.35 | 1.44 | 1.89 | 2.50 | 2.94 | 3.61 | 4.13 | 4.76 | * | * | * | * |
| CVX 3.1 | 2.10 | 1.40 | 1.81 | 2.39 | 3.15 | 3.70 | 4.54 | 5.20 | 6.00 | * | * | * | * |
| CVX 4.0 | 2.45 | 1.60 | 2.30 | 3.03 | 4.00 | 4.70 | 5.77 | 6.60 | 7.61 | * | * | * | * |
| CVX 5.0 | 2.75 | 1.80 | 2.87 | 3.79 | 5.00 | 5.88 | 7.21 | 8.25 | 9.52 | * | * | * | * |
| CVX 5.6 | 3.00 | 1.80 | 3.22 | 4.24 | 5.60 | 6.59 | 8.08 | 9.24 | 10.7 | * | * | * | * |
| CVX 6.3 | 3.10 | 1.90 | 3.62 | 4.77 | 6.30 | 7.41 | 9.09 | 10.4 | 12.0 | * | * | * | * |
| CVX 7.1 | 3.30 | 1.90 | 4.08 | 5.38 | 7.10 | 8.35 | 10.2 | 11.7 | 13.5 | * | * | * | * |
| CVX 8.0 | 3.50 | 1.90 | 4.59 | 6.06 | 8.00 | 9.41 | 11.5 | 13.2 | 15.2 | * | * | * | * |
| CVX 8.5 | 3.60 | 1.90 | 4.88 | 6.44 | 8.50 | 10.0 | 12.3 | 14.0 | 16.2 | * | * | * | * |

Order example: (type - spray angle - material) CVX 3.1 - 120° - V2A

For adapters and accessories see page 7.1

Square full cone nozzle CQVX

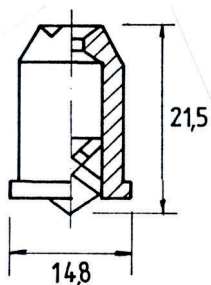
Material: brass, stainless steel, plastic, other materials on request

Illu. 2

B = outlet bore, E = smallest section,
drillings vary slightly for different spray angles



Square
full cone
spray pattern



| Type | B Ø (mm) | E Ø (mm) | Flow rate \dot{V} (l/min.) at pressure p (bar) | | | | | | | Spray angle | | | |
|----------|----------------|----------------|--|----------|----------|----------|----------|----------|-----------|-------------|-----|-----|------|
| | | | bar 0.5 | bar 1 | bar 2 | bar 3 | bar 5 | bar 7 | bar 10 | 45° | 60° | 90° | 120° |
| CQVX 0.6 | 0.95 | 0.70 | 0.36 | 0.48 | 0.63 | 0.74 | 0.91 | 1.04 | 1.20 | | | | * |
| CQVX 1.0 | 1.20 | 0.85 | 0.57 | 0.76 | 1.00 | 1.18 | 1.44 | 1.65 | 1.90 | * | * | * | * |
| CQVX 1.2 | 1.30 | 0.90 | 0.72 | 0.95 | 1.25 | 1.47 | 1.80 | 2.06 | 2.38 | * | * | * | * |
| CQVX 1.6 | 1.50 | 1.00 | 0.92 | 1.21 | 1.60 | 1.88 | 2.31 | 2.64 | 3.05 | * | * | * | * |
| CQVX 1.8 | 1.60 | 1.10 | 1.03 | 1.36 | 1.80 | 2.12 | 2.60 | 2.97 | 3.43 | * | * | * | * |
| CQVX 2.0 | 1.65 | 1.20 | 1.15 | 1.52 | 2.00 | 2.35 | 2.89 | 3.30 | 3.81 | * | * | * | * |
| CQVX 2.5 | 1.90 | 1.35 | 1.44 | 1.89 | 2.50 | 2.94 | 3.61 | 4.13 | 4.76 | * | * | * | * |
| CQVX 3.1 | 2.10 | 1.40 | 1.81 | 2.39 | 3.15 | 3.70 | 4.54 | 5.20 | 6.00 | * | * | * | * |
| CQVX 4.0 | 2.45 | 1.60 | 2.30 | 3.03 | 4.00 | 4.70 | 5.77 | 6.60 | 7.61 | * | * | * | * |
| CQVX 5.0 | 2.75 | 1.80 | 2.87 | 3.79 | 5.00 | 5.88 | 7.21 | 8.25 | 9.52 | * | * | * | * |
| CQVX 5.6 | 3.00 | 1.80 | 3.22 | 4.24 | 5.60 | 6.59 | 8.08 | 9.24 | 10.7 | * | * | * | * |
| CQVX 6.3 | 3.10 | 1.90 | 3.62 | 4.77 | 6.30 | 7.41 | 9.09 | 10.4 | 12.0 | * | * | * | * |
| CQVX 7.1 | 3.30 | 1.90 | 4.08 | 5.38 | 7.10 | 8.35 | 10.2 | 11.7 | 13.5 | * | * | * | * |
| CQVX 8.0 | 3.50 | 1.90 | 4.59 | 6.06 | 8.00 | 9.41 | 11.5 | 13.2 | 15.2 | * | * | * | * |
| CQVX 8.5 | 3.60 | 1.90 | 4.88 | 6.44 | 8.50 | 10.0 | 12.3 | 14.0 | 16.2 | * | * | * | * |

Order example: (type - spray angle - material) CQVX 2.0 - 60° - brass

For adapters and accessories see page 7.1