

Fixed Orifice Selection Guide



FLOW RESTRICTION (FIXED) ORIFICE

Sigma Fixed Orifices are available for use in pneumatic and hydraulic control circuits. These 316 stainless steel restriction orifices provide years of positive controlled flow of fluids or gases. Stock orifice sizes are .020 inch and .030 inch.

Other orifice sizes, connections sizes, pressure ratings and configurations are available upon request.

| Part No. | Model | Connection | Pressure Rating | Orifice Size |
|------------|-------------|---------------|---------------------|--------------|
| 190920-001 | 19MM17-020 | 1/8-27 Female | 300 PSI (20.68 bar) | .020 |
| 190930-001 | 19MM17-030 | 1/8-27 Female | 300 PSI (20.68 bar) | .030 |
| 190930-001 | 19MM17-062 | 1/8-27 Female | 300 PSI (20.68 bar) | .062 |
| 190710-001 | 19MM12-015 | 1/8-27 Male | 300 PSI (20.68 bar) | .015 |
| 190720-001 | 19MM12-020 | 1/8-27 Male | 300 PSI (20.68 bar) | .020 |
| 190730-001 | 19MM12-030 | 1/8-27 Male | 300 PSI (20.68 bar) | .030 |
| 191140-001 | 19MM18-020 | 1/4-18 Female | 300 PSI (20.68 bar) | .020 |
| 191150-001 | 19MM18-030 | 1/4-18 Female | 300 PSI (20.68 bar) | .030 |
| 191180-001 | 19MM18-062 | 1/4-18 Female | 300 PSI (20.68 bar) | .062 |
| 191460-001 | 19MM33-020 | 1/4-18 Male | 300 PSI (20.68 bar) | .020 |
| 191470-001 | 19MM33-030 | 1/4-18 Male | 300 PSI (20.68 bar) | .030 |
| 191500-001 | 19MM33-062 | 1/4-18 Male | 300 PSI (20.68 bar) | .062 |
| 190955-001 | 19MM172-020 | 1/2-14 Female | 3,000 PSI (206 bar) | .020 |
| 190957-001 | 19MM172-030 | 1/2-14 Female | 3,000 PSI (206 bar) | .030 |
| 190970-001 | 19MM172-062 | 1/2-14 Female | 3,000 PSI (206 bar) | .062 |
| 190990-001 | 19MM172-125 | 1/2-14 Female | 3,000 PSI (206 bar) | .125 |