

STAINLESS STEEL METRIC CYLINDERS



Options

B - Bumpers

V - Viton Seals

Clippard's metric cylinders offer all of the advantages of Clippard's high quality, reliable stainless steel cylinders—available with metric threads. Five bore sizes ranging from 8 mm to 25 mm with stroke lengths of 10 mm to 160 mm are offered.

Features

- Polished I.D. 304 stainless steel tubes for low breakaway provides smooth action
- Typical breakaway less than 1/2 bar
- Precision double rolled construction for solid, leak-proof cylinders
- Sintered bronze rod bushing reduces wear and friction
- Sintered bronze clevis bushing on all clevis mount cylinders means less wear
- Rods are threaded and bonded to pistons
- Ground, polished, and roller burnished 303 stainless steel rod saves seal wear
- Full piston area breakaway to assure full power from the beginning of each stroke
- Buna-N "U" cup piston and rod seals for reliable leak-free operation
- Temperature range: 0 to 110°C
- Maximum pressure of 17 bar

Nominal Bore Size	8 mm	12 mm	16 mm	20 mm	25 mm
Actual Bore Size	7.9 mm	12.7 mm	15.9 mm	19.1 mm	26.9 mm
Series Number	05	08	10	12	17
Rod Diameter	3.1 mm	4.8 mm	4.8 mm	6.4 mm	7.9 mm
Rod Thread	M3 x 0.5	M4 x 0.7	M4 x 0.7	M6 x 1.0	M8 x 1.25
Mounting Thread	M10 x 1.25	M12 x 1.25	M12 x 1.25	M16 x 1.5	M16 x 1.5
Port Size (Optional)	M5	M5	M5	M5 (R1/8)	G1/8 (R1/8)
Spring Force (SSR & USR)	4.4 N	8.9 N	17.8 N	26.7 N	31.1 N
Clevis Pin Diameter	4 mm	4 mm	4 mm	8 mm	8 mm
Clevis Width	4 mm	8 mm	8 mm	10 mm	10 mm