

Clippard

Universal Compact, Extruded Cylinders



- 7 bore sizes
- Superior service with quick delivery
- Universal metric and imperial ports available
- Multiple mounting options
- Available with magnetic pistons
- Custom strokes also welcomed
- Interchangeable design allows for quick drop-in replacements
- Bumpers standard

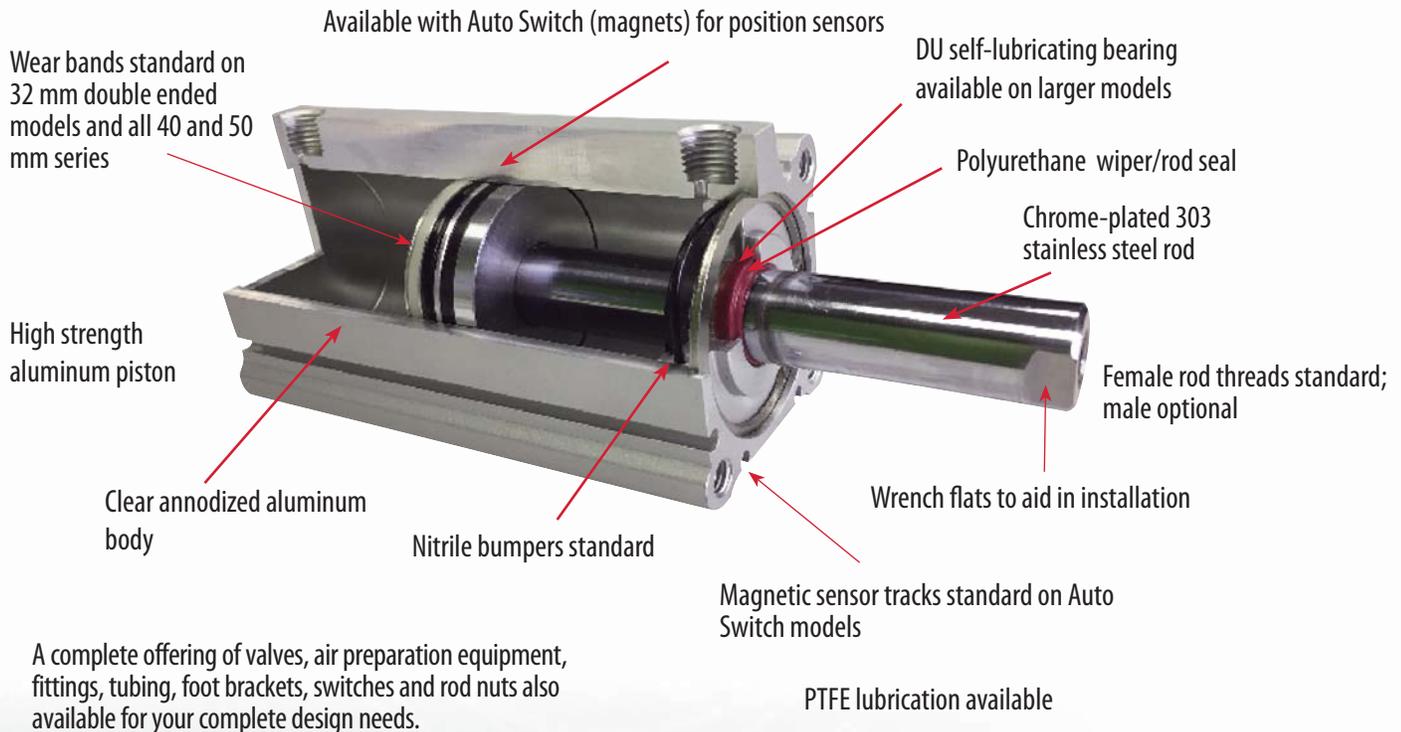
Clippard's new compact, extruded body cylinders are available in double acting, double rod end, single acting spring return, and single acting spring extended models. Universally-compatible, they are lightweight, small in size, and provide a reliable, long cycle life.

The various mounting configurations, many bore sizes, stroke lengths and other valuable options, make this the most versatile and interchangeable cylinder line in the world.

Combined with Clippard's long-standing history of quality products, outstanding service and fast delivery, these cylinders are an ideal solution for your pneumatic actuation needs.

Specifications

Medium	Air
Maximum Pressure	150 psig
Strokes	5 to 100 mm
Threads	M5x0.8, #10-32, G1/8, 1/8" NPT, G1/4 & 1/4" NPT
Temperature Range	32 to 230°F
Mounting	Thread or Thru Holes
Material	Aluminum, Stainless Steel
Piston & Head Seals	Nitrile standard



Part Number	<input type="text"/>	CQ2	<input type="text"/>						
Threads	Metric	M-							
	Imperial	(blank)							
Mounting Type	Threaded (both ends)		A						
	Thru Hole		B						
Cylinder Type	Double Acting				D				
	Single Acting, Spring Return				S				
	Single Acting, Spring Extended				R				
Rod Type	Rotating					R			
	Double (Double Acting only)					D			
Bore Size (Thread)	12 mm (M5x0.8 or #10-32)						12		
	16 mm (M5x0.8 or #10-32)						16		
	20 mm (M5x0.8 or #10-32)						20		
	25 mm (M5x0.8 or #10-32)						25		
	32 mm (G1/8 or 1/8" NPT)						32		
	40 mm (G1/8 or 1/8" NPT)						40		
	50 mm (G1/4 or 1/4" NPT)						50		
Stroke	<i>(enter exact stroke required in increments as indicated)</i>								see chart
Options	None								(blank)
	Auto Switch (Magnet)								M
	Male Rod Thread								T
	No Thread								N
	PTFE Based Grease								G

Professionally Distributed by:



Stroke Options					
Single Acting Models			Double Acting Models		
Max. Standard Strokes			Max. Standard Strokes		
Bore	Metric	Imperial	Bore	Metric	Imperial
12	5 to 20 mm	1/8" to 3/4"	12	5 to 30 mm	1/8" to 1"
16	5 to 20 mm	1/8" to 3/4"	16	5 to 30 mm	1/8" to 1"
20	5 to 30 mm	1/8" to 1"	20	5 to 50 mm	1/8" to 2"
25	5 to 30 mm	1/8" to 1"	25	5 to 50 mm	1/8" to 2"
32	5 to 30 mm	1/8" to 1"	32	5 to 100 mm	1/8" to 4"
40	5 to 30 mm	1/8" to 1"	40	5 to 100 mm	1/8" to 4"
50	5 to 30 mm	1/8" to 1"	50	5 to 100 mm	1/8" to 4"

Must be in 5 mm or 1/8" increments

Example Part Numbers

Metric: M-CQ2-BDR-20-15 (15 mm Stroke) | Imperial: CQ2-ADD-12-1.125 (1 1/8" Stroke)

Reed Switches & GMR Sensors

If selecting a cylinder with the Auto Switch (magnet) feature, Clippard offers Reed Switches and GMR Sensors. By accurately sensing the magnetic field of the piston when it passes beneath the sensor, the position of the rod piston is determined, and the feedback signal is created.

Foot Brackets

Made of bright zinc plated steel, several styles of mounting brackets are available.