

The thrust cylinders are linear actuators, designed for a high force to size ratio. This makes the cylinder ideal to use for clamping, riveting, punching and similar applications where a high force is required.

- Thrust cylinders provide large forces
- Compact dimensions
- C0D, diaphragm type
- C0P, piston type
- Available in single and double acting versions



Operating information

Working pressure: Max 8 bar
 Working temperature: -20°C to +70°C

Stainless steel piston rod
 Piston rod according to ISO 4395



Compressed air cylinders, types C0D and C0P should not be used in vertical applications without external stop.

For technical information see CD

C0D - Double acting

Force at 6 bar, N	Port size	Stroke mm	Order code
3000	G1/4	40	C0D300-40
6000	G1/4	50	C0D600-50
12000	G1/2	50	C0D1200-50
25000	G1/2	60	C0P2500-60
25000	G1/2	80	C0P2500-80

C0P - Single acting

Force at 6 bar, N	Spring N force		Port size	Stroke mm	Order code
	Max N	Min N			
1600	314	128	G1/4	50	C0P160-50S
1600	314	128	G1/4	80	C0P160-80S
3000	314	128	G1/4	50	C0P300-50S
3000	314	128	G1/4	80	C0P300-80S
3000	294	98	G1/4	40	C0D300-40S
6000	638	98	G1/4	50	C0D600-50S
12000	981	235	G1/2	50	C0D1200-50S
25000	2700	883	G1/2	60	C0P2500-60S
25000	2700	883	G1/2	100	C0P2500-100S

The spring forces in single acting cylinders are sufficient to return the piston rod without load

Accessories

Neck mounting nut

Lock nut thread	For cylinder	Order code
M24x2	C0D300	9141100000
M36x3	C0D600/1200	9141100100
M48x3	C0P2500	9141100200
M24x3	C0P160/300	9141100300



Indicates stocked product.

Piston rod nut (one nut is included)

Piston rod nut thread	For cylinder	Order code
M12	C0P160/300 and C0D300	0266211200
M16	C0D600	0266211400
M20	C0D1200	0266211600
M24	C0P2500	0266211800

