

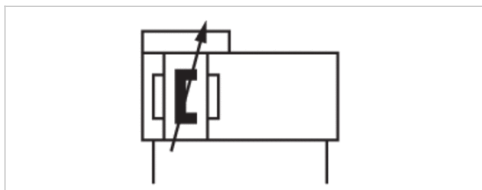
Rodless cylinders, Series RTC-CG

- Ports 10-32 UNF - 3/8 NPTF
- Ø 16-40 mm
- double-acting
- with magnetic piston
- ball rail guide
- Compact Guide
- Cushioning pneumatically adjustable
- Easy2Combine capable with connection kit



Working pressure min./max.	2 ... 8 bar
Ambient temperature min./max.	-10 ... 60 °C
Medium	Compressed air
Max. particle size	5 µm
Oil content of compressed air	0 ... 1 mg/m³
Pressure for determining piston forces	6.3 bar

An example configuration is illustrated.
The delivered product may thus deviate from the illustration.



Technical data

Piston Ø	16 mm	25 mm	32 mm	40 mm
Stroke 152.4	R480161097	R480676520	R480639375	R480676522
304.8	R480676516	R480635761	R480610198	R480676523
609.6	R480676517	R480656723	R480168891	R480174815
1016	R480676518	R480639928	R480676521	R480676524
1524	R480676519	R480625335	R480608061	R480606820

Technical data

Piston Ø	16 mm	25 mm	32 mm	40 mm
Piston force	127 N	309 N	507 N	792 N
Cushioning length	20 mm	20 mm	20 mm	20 mm
Cushioning energy	1.5 J	4 J	7 J	10 J
Speed max.	2 m/s	2 m/s	2 m/s	2 m/s
Weight 0 mm stroke	0.94 kg	1.64 kg	2.43 kg	3.92 kg
+10 mm stroke	0.026 kg	0.041 kg	0.056 kg	0.075 kg
Stroke max.	1800 mm	1800 mm	1800 mm	2000 mm

Technical information

The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C .

The delivered product is lubricated for lifetime.

Use hydraulic shock absorbers for precise end position adjustment.

These pneumatic components with NPT or inch thread dimensions are only available from our US sales organization.

Thread depth: 0.47 inch for piston Ø 5/8, 1 and 1 1/2. 0.41 inch for piston Ø 1 1/4

Thread depth: 0.50 inch for piston Ø 5/8 - 1 1/2

Thread depth: 0.35 inch for piston Ø 5/8 - 1 1/2

Thread depth: 0.40 inch for piston Ø 5/8 - 1 1/2

Can be selected in the configurator (M7 for high-speed applications)

Technical information

Material	
Cylinder tube	Aluminum, anodized
Cap	Aluminum, anodized
Seal	Polyurethane
Sealing strips	Polyurethane Stainless steel
Ball rail table	Aluminum, anodized
Guide rail	Steel, hardened