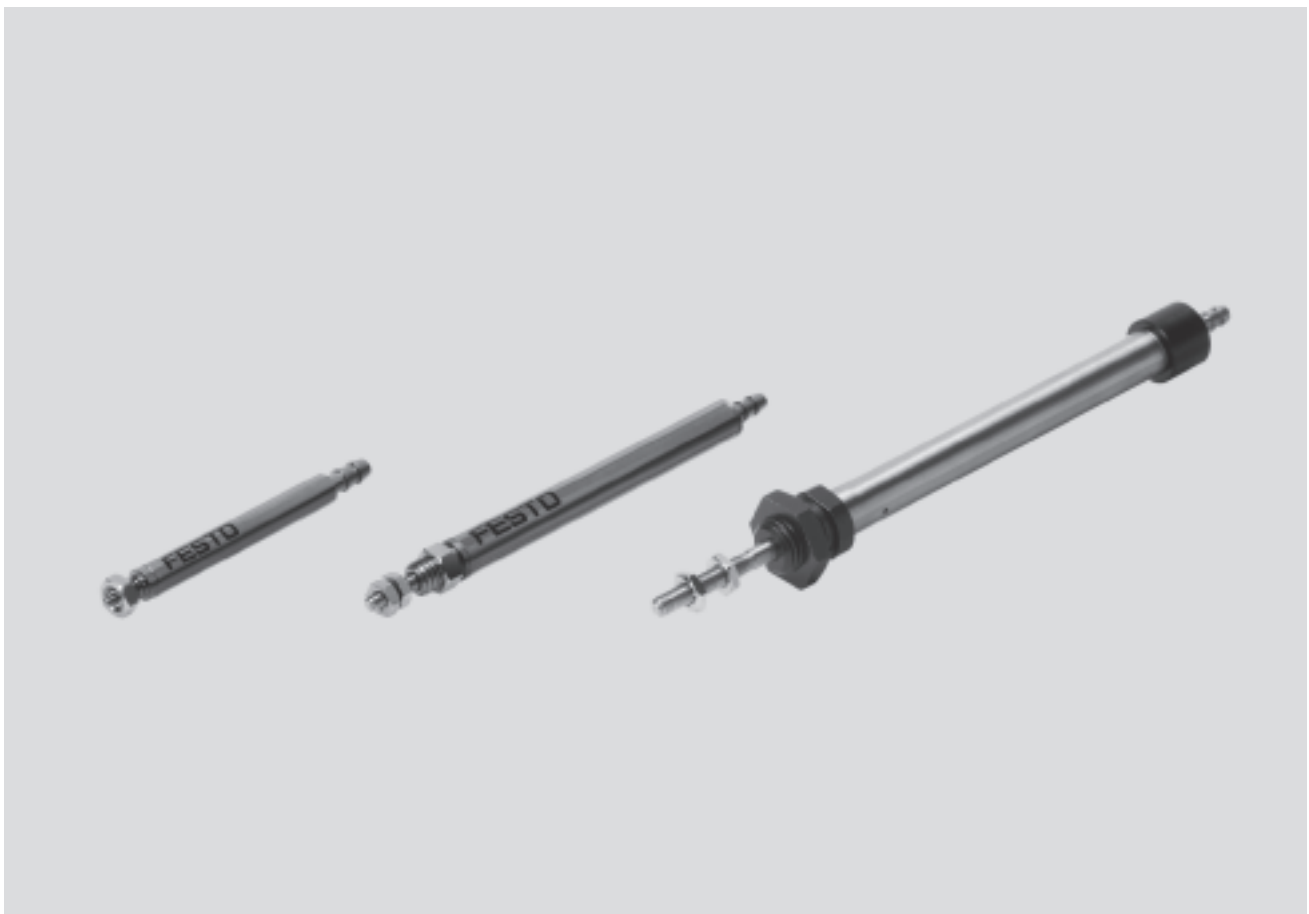


Round cylinders EG



Round cylinders EG

Key features and type code



Pneumatic cylinders in miniature design

- The slim design makes these cylinders especially suitable for compact multiple assemblies, e.g. in keyboard testing systems.
- Single-acting
- Minimal weight: 2 to 20 g
- Ready for installation
- Resistant to corrosion
- Barbed fitting connection for plastic tubing with standard ID

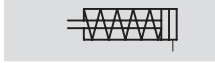
		EG	2.5	5	PK2
Type					
Single-acting					
EG	Round cylinder				
Piston area [mm]					
Stroke [mm]					
Pneumatic connection					
PK-2	Barbed fitting for 2 mm plastic tubing				
PK-3	Barbed fitting for 3 mm plastic tubing				

Round cylinders EG

Technical data

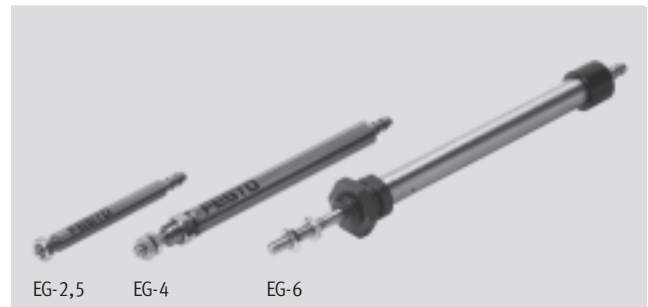
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Function



- \varnothing - Diameter
2.5 ... 6 mm

- | - Stroke length
5 ... 25 mm



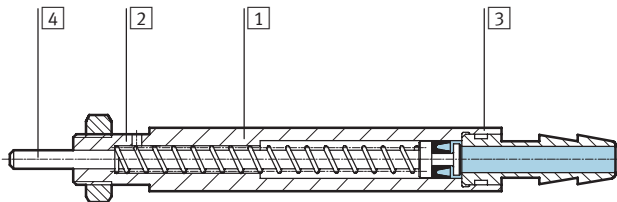
General technical data		
Piston \varnothing	2.5	4
Pneumatic connection	Barbed fitting for 2 mm plastic tubing	
Piston rod thread	Plain rod \varnothing 1	M2
Operating medium	Filtered compressed air, lubricated or unlubricated	
Constructional design	Piston	
	Piston rod	
Cushioning	No	Non-adjustable at both ends
Position sensing	No	
Type of mounting	Via hex nut	
Mounting position	Any	

Operating and environmental conditions		
Piston \varnothing	2.5	4
Operating pressure [bar]	3.5 ... 7	
Temperature range [°C]	+5 ... +60	

Forces [N]											
Piston \varnothing	2.5			4				6			
Stroke	5	10	5	10	15	20	5	10	15	20	25
Theoretical force at 6 bar, advancing	1.7			6				14			
Spring return force	min.	0.6	1.5	1.8	1.5	4.2	3.1	2.0	3.1	2.6	
	max.	1.2	2.9	2.6	5.3						

Materials

Sectional view



Piston \varnothing	2.5	4	6
1 Cylinder barrel	Nickel-plated brass	High-alloy steel	
2 Bearing cap	Nickel-plated bronze		
3 End cap	-		Wrought aluminium alloy
4 Piston rod	High-alloy steel		
- Seals	Nitrile rubber		

Round cylinders EG

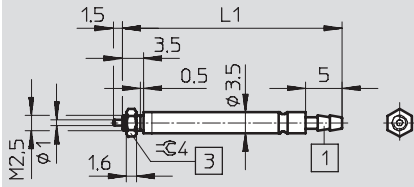
Technical data

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Dimensions and ordering data

Download CAD data → www.festo.com

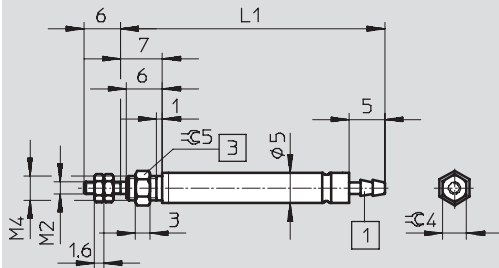
Piston Ø 2.5 mm



- 1 Barbed fitting for 2 mm plastic tubing with standard ID
- 2 Tightening torque 0,2 Nm
- 3 Tightening torque 0,2 Nm

Ø [mm]	Stroke [mm]	L1	Weight [g]	Part No.	Type
2.5	5	27.5	2	15 883	EG-2,5-5-PK-2
	10	36.5	3	15 884	EG-2,5-10-PK-2

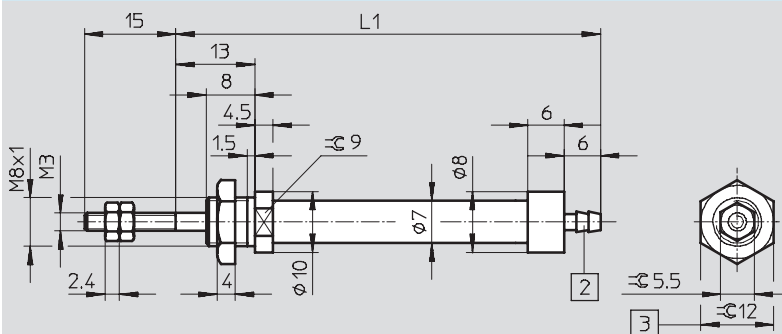
Piston Ø 4 mm



- 1 Barbed fitting for 2 mm plastic tubing with standard ID
- 2 Tightening torque 0,8 Nm
- 3 Tightening torque 0,8 Nm

Ø [mm]	Stroke [mm]	L1	Weight [g]	Part No.	Type
4	5	35	4	15 885	EG-4-5-PK-2
	10	44	5	15 886	EG-4-10-PK-2
	15	53	5	15 887	EG-4-15-PK-2
	20	58	6	15 888	EG-4-20-PK-2

Piston Ø 6 mm



- 1 Barbed fitting for 3 mm plastic tubing with standard ID
- 2 Tightening torque 6 Nm
- 3 Tightening torque 6 Nm

Ø [mm]	Stroke [mm]	L1	Weight [g]	Part No.	Type
6	5	60	10	15 891	EG-6-5-PK-3
	10	65	12	15 892	EG-6-10-PK-3
	15	70	15	15 893	EG-6-15-PK-3
	20	87	18	15 894	EG-6-20-PK-3
	25	92	20	15 895	EG-6-25-PK-3