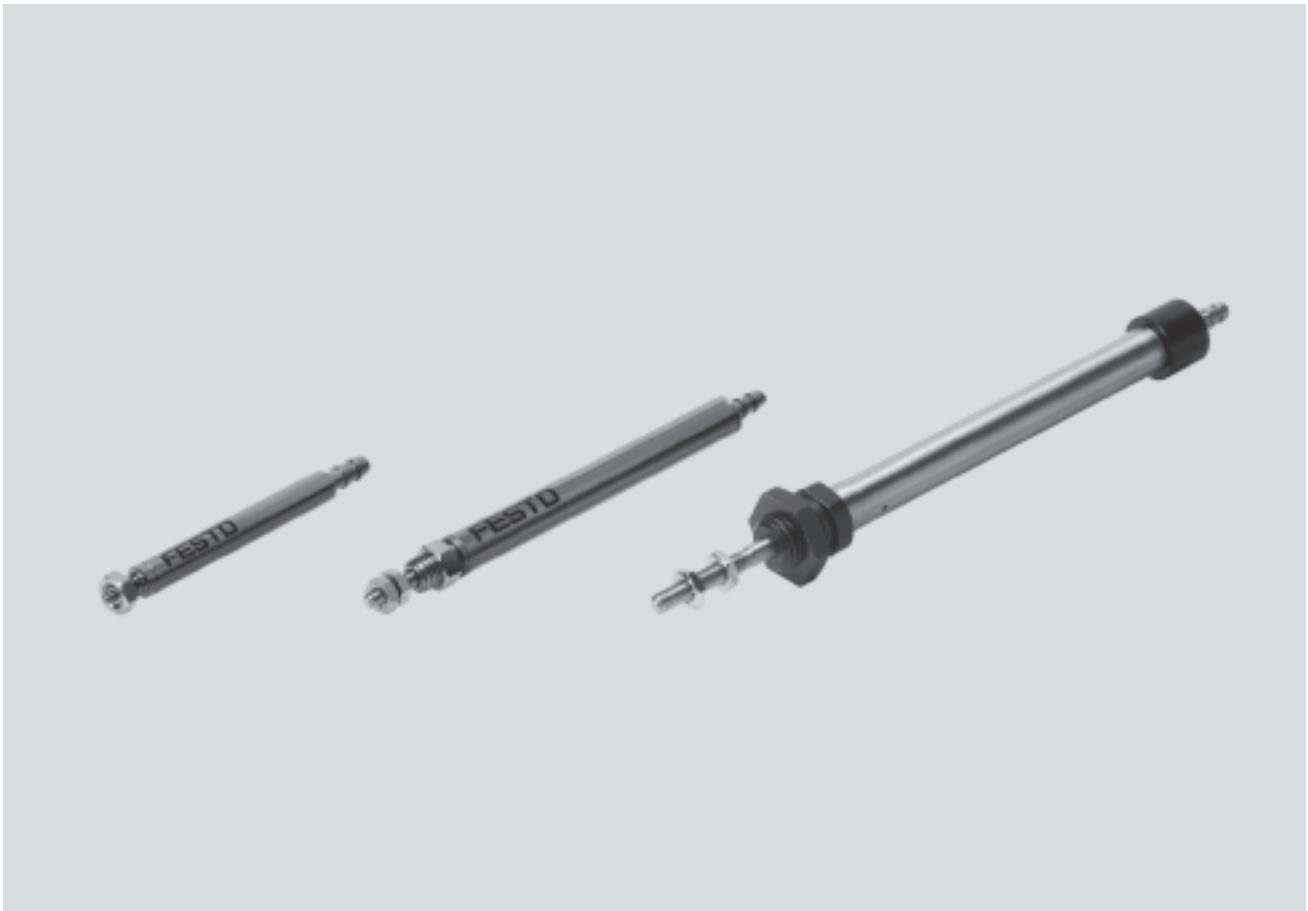




- Pneumatics in miniature
- Compact assembly
- Ready for installation
- Resistant to corrosion

# 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

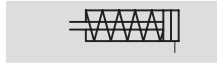
	EG	2.5	5	PK2
<b>Type</b>				
Single-acting				
EG	Round cylinder			
<b>Piston area [mm]</b>				
<b>Stroke [mm]</b>				
<b>Pneumatic connection</b>				
PK-2	Barbed fitting for 2 mm plastic tubing			
PK-3	Barbed fitting for 3 mm plastic tubing			

# Round cylinders EG

Technical data

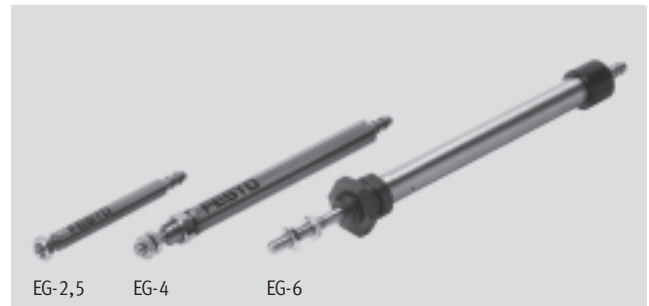


## Function



⌀ - Diameter  
2.5 ... 6 mm

— | — Stroke length  
5 ... 25 mm



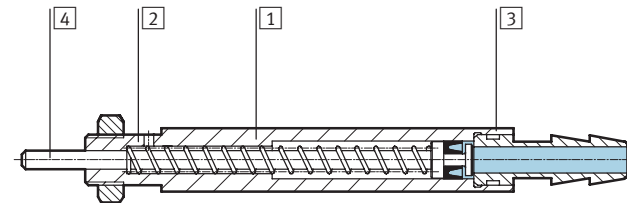
General technical data			
Piston Ø	2.5	4	6
Pneumatic connection	Barbed fitting for 2 mm plastic tubing		Barbed fitting for 3 mm plastic tubing
Piston rod thread	Plain rod Ø 1	M2	M3
Operating medium	Filtered compressed air, lubricated or unlubricated		
Constructional design	Piston		
	Piston rod		
Cushioning	No	Non-adjustable at both ends	
Position sensing	No		
Type of mounting	Via hex nut		
Mounting position	Any		

Operating and environmental conditions			
Piston Ø	2.5	4	6
Operating pressure [bar]	3.5 ... 7		
Temperature range [°C]	+5 ... +60		

Forces [N]												
Piston Ø	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



Materials			
Piston Ø	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		

