

Actuators Series

Cartidge Cylinders
Ø 6-16 mm



CA - CAF Series

Pg. 20.3

Mini Cylinders ISO 6432
Ø 8-25 mm



Mini Series

Pg. 20.5

Mini Stainless Steel Cylinders
ISO 6432 Ø 16-25 mm



Mini Stainless Steel Series

Pg. 20.13

Limited Space
Ø 32-63 mm



A95 Series

Pg. 20.16

Compact Cylinders
Ø 12-100 mm



Q Series

Pg. 20.23

ISO 15552 Cylinders
Ø 32-125 mm



L Series

Pg. 20.36

ISO 6431 Cylinders
Ø 160-320 mm



E Series

Pg. 20.45

Stainless Steel ISO 15552 Cylinders
Ø 32-125 mm



V Series

Pg. 20.47

Twin Rod Cylinders
Ø 32-100 mm



NHA Series

Pg. 20.50

Compact Cylinders ISO 21287
Ø 20-100 mm



W Series

Pg. 20.54

Cylinder Accessories
ISO 6431 - ISO 15552 - ISO 21287



Accessories

Pg. 20.62

Magnetic Poition Sensing Switches



Sensor

Pg. 20.72

Rodless Actuators Series

Rodless Cylinders Standard Version



S1 Series

Pg. 20.78

Rodless Cylinder with Integrated
Guides in Tecnopolymer



S5 Series

Pg. 20.87

Click here to view the **Actuators Series** on our Website



PNEUMATIC ACTUATORS

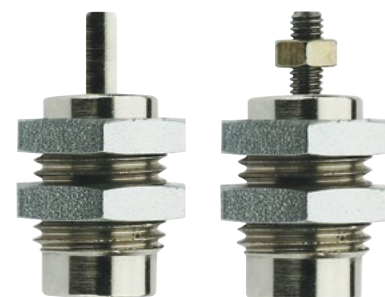
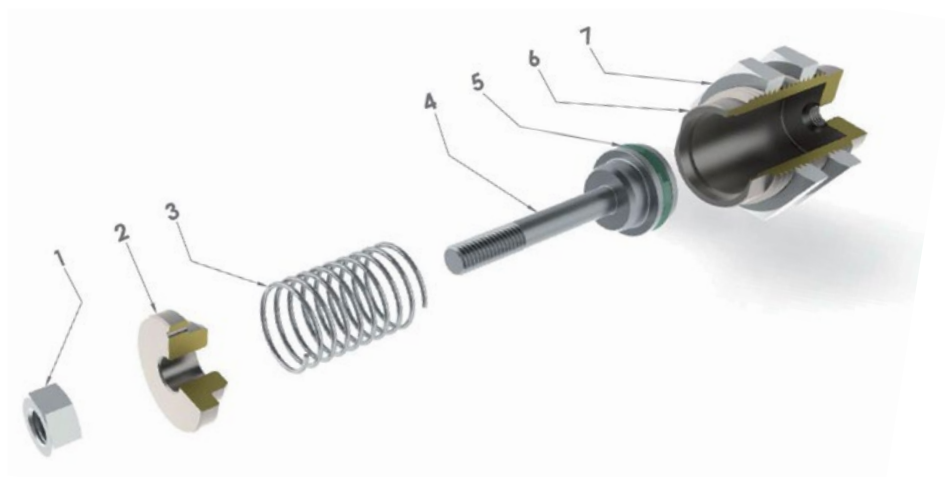


Actuators Series

CARTRIDGE CYLINDERS



TECHNICAL CHARACTERISTICS



Component Parts and Materials

- 1 Steel plated rod jam nut
- 2 Brass rod bushing
- 3 Steel spring
- 4 303 Stainless steel piston rod
- 5 Polyurethane rod seal
- 6 Nickel plated brass body
- 7 Zinc plated steel locking screw



Reference Standard

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

PED
2014/68/UE

SILICON
FREE

ATEX
2014/34/UE



Pressures

2 bar (0.2 MPa) / 29 psi
7 bar (0.7 MPa) / 101.5 psi



Temperatures

0 °C / 32 °F (-20 °C / -4 °F with dry air)
+ 80 °C / 176 °F



Media

Filtered and lubricated or
non-lubricated compressed air



Functions

Single acting threaded and
non-threaded piston rod.



Bores

6 - 10 - 16 mm



Standard Strokes

5 - 10 - 15 mm



Weight

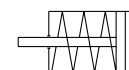
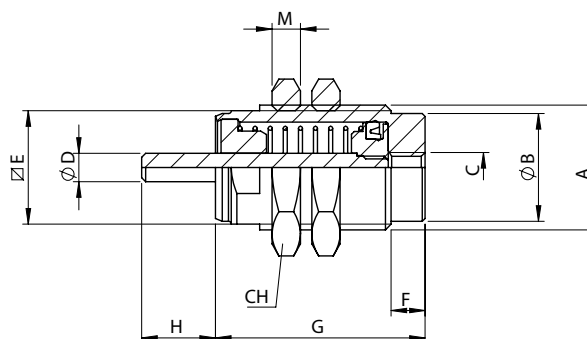
Ø mm	Stroke (mm)		
	5	10	15
6	10 g	12.5 g	15 g
10	27 g	32 g	36 g
16	71 g	78 g	87 g

Series	Ø (mm)	Stroke (mm)
C A F	0 6	0 0 1 0
▲ CA Single acting non-threaded piston rod	06 10 16	0005 0010 0015

Ø (mm)	Stroke (mm)		
	5	10	15
6	▲	▲	▲
10	▲	▲	▲
16	▲	▲	▲

CA

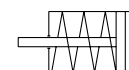
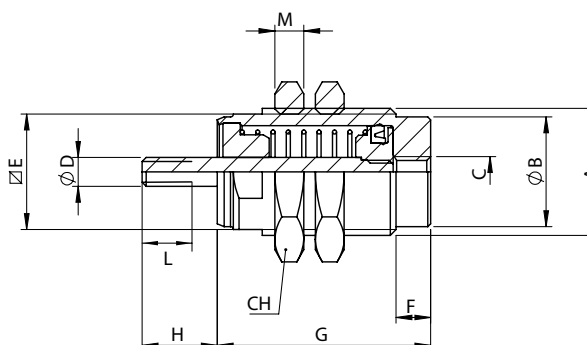
SINGLE ACTING - NON-THREADED PISTON ROD



Ø	A	B	C	D	ØE	F	G Stroke			H	M	CH
							5	10	15			
6	M10x1	8.5	M5	3	9	5	19.5	26.5	33.5	8	3	14
10	M15x1.5	13	M5	5	14	5	21.5	28	35	10.5	4	19
16	M22x1.5	19	M5	5	20	6	24.5	30.5	37	13	5	27

CAF

SINGLE-ACTING - THREADED PISTON ROD



Ø	A	B	C	D	ØE	F	G Stroke			H	M	CH	L
							5	10	15				
6	M10x1	8.5	M5	M3	9	5	19.5	26.5	33.5	8	3	14	7
10	M15x1.5	13	M5	M4	14	5	21.5	28	35	10.5	4	19	10
16	M22x1.5	19	M5	M5	20	6	24.5	30.5	37	13	5	27	12