Partnership. With Guarantee.

# Mini solenoid cylinder with adjustable end-position cushioning
# Series ACM



| | |
|---|---|
| Design type | Mini solenoid cylinder according to ISO 6432 |
| Heads | anodized aluminum |
| Piston rod | Stainless steel 1.4301 rolled |
| Cylinder tube | anodized aluminum |
| Seals | NBR |
| End-position cushioning | pneumatic, adjustable |
| Ambient temperature | -10...+80°C |
| Medium temperature | 0...+40°C |
| Lubrication | not necessary |
| Medium | filtered compressed air |
| maximum operating pressure | 10bar |
| Special version | ATEX version available: II 3GD c T5 T 165° -5 < Ta < 50°C<br>Type XACM ../..., XACM ../...P |
| Scope of delivery | incl. Neck and piston rod nut |
| Note | Technical documentation for accessories see separate data sheet<br>CAD files are available in the STASTO Store at www.stasto.eu<br>Solenoid switch see separate data sheet |

## Type code

| ACM | _ _ / | _ _ _ - | __ - | __ |
|---|---|---|---|---|
| | 16 ø16 | Stroke [mm] | | double-acting |
| | 20 ø20 | | P | continuous piston rod |
| | 25 ø25 | | | VS Viton Piston rod seal |
| | | | | VV Viton complete |

## Standard strokes, Cushioning length

| Ø | 10 | 25 | 50 | 80 | 100 | 125 | 160 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | Cushioning length |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | • | • | • | • | • | • | • | • | • | • | | | | | 24 |
| 20 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | 27 |
| 25 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | 30 |
| Special stroke on request | | | | | | | | | | | | | | | |



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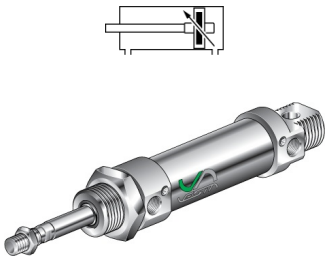
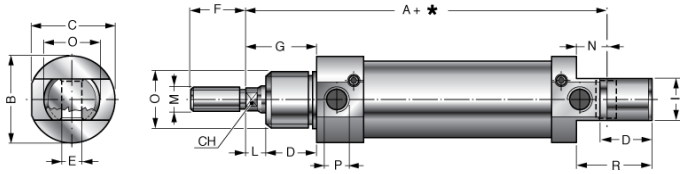
## ACM .. - ... double-acting

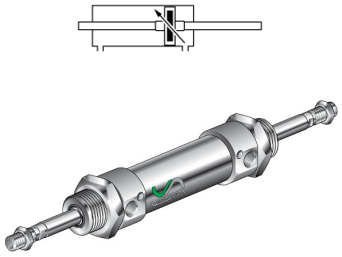


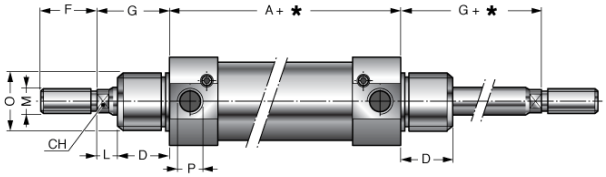



* = Stroke

| Ø | A | ØB | C | CH | D | ØE H9 | F | G | I | L | ØM | N | ØO | ØP | R | Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 82 | 22 | 21,2 | 5 | 15 | 6 | 16 | 22 | 12 | 7 | M6x1 | 9 | M16x1,5 | M5 | 22 | ACM16/... |
| 20 | 95 | 28 | 26,2 | 7 | 19 | 8 | 20 | 24 | 16 | 5 | M8x1,25 | 12 | M22x1,5 | G1/8 | 30 | ACM20/... |
| 25 | 104 | 34 | 32,5 | 8 | 20 | 8 | 22 | 28 | 16 | 8 | M10x1,25 | 12 | M22x1,5 | G1/8 | 30 | ACM25/... |

## ACM .. - ... P double-acting, continuous piston rod






* = Stroke

| Ø | A | ØB | C | CH | D | F | G | L | ØM | ØO | ØP | Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 56 | 22 | 21,2 | 5 | 15 | 16 | 22 | 7 | M6x1 | M16x1,5 | M5 | ACM16/...P |
| 20 | 68 | 28 | 26,2 | 7 | 19 | 20 | 24 | 5 | M8x1,25 | M22x1,5 | G1/8 | ACM20/...P |
| 25 | 69 | 34 | 32,5 | 8 | 20 | 22 | 28 | 8 | M10x1,25 | M22x1,5 | G1/8 | ACM25/...P |

Illustrations non-binding
Design, dimensional and material changes reserved

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