

## Compact cylinder, metric ADVU, AEVU

**FESTO**



## Characteristics

### Piston rod thread type

[L] Male thread



[F] Female thread

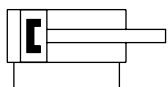


### Cushioning

End-position cushioning has the following functions:

- Reduces kinetic energy in the end positions
- Reduces noise generation
- Avoids vibrations

[P] Elastic cushioning rings/plates on both sides



The drive is fitted with elastic polymer end-position cushioning.

Benefits:

- No adjustment required
- Saves time

### Position sensing

[A] For proximity sensor

By using proximity switches, any position can be detected.

## Type code

| 001   | Series                                   |  |
|-------|------------------------------------------|--|
| ADVU  | Compact cylinder, double-acting          |  |
| AEVU  | Compact cylinder, single-acting          |  |
| AEVUZ | Compact cylinder, single-acting, pulling |  |

| 002 | Piston diameter [mm] |  |
|-----|----------------------|--|
| 12  | 12                   |  |
| 16  | 16                   |  |
| 20  | 20                   |  |
| 25  | 25                   |  |
| 32  | 32                   |  |
| 40  | 40                   |  |
| 50  | 50                   |  |
| 63  | 63                   |  |
| 80  | 80                   |  |
| 100 | 100                  |  |
| 125 | 125                  |  |

| 003 | Stroke range [mm] |  |
|-----|-------------------|--|
| ... | 1 ... 400         |  |

| 004 | Piston rod thread type |  |
|-----|------------------------|--|
|     | Female thread          |  |
| A   | Male thread            |  |

| 005 | Cushioning                                    |  |
|-----|-----------------------------------------------|--|
| P   | Elastic cushioning rings/plates on both sides |  |

| 006 | Position sensing     |  |
|-----|----------------------|--|
| A   | For proximity sensor |  |

## Datasheet

## General technical data – ADVU

| General technical data |                                              |       |       |       |       |       |       |       |       |        |        |
|------------------------|----------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| Piston diameter        | 12 mm                                        | 16 mm | 20 mm | 25 mm | 32 mm | 40 mm | 50 mm | 63 mm | 80 mm | 100 mm | 125 mm |
| Design                 | Piston, Piston rod                           |       |       |       |       |       |       |       |       |        |        |
| Pneumatic connection   | M5                                           |       |       |       | G1/8  |       |       |       |       | G1/4   |        |
| Piston-rod end         | Male thread, Female thread                   |       |       |       |       |       |       |       |       |        |        |
| Type of mounting       | Either, With through-hole, With accessories  |       |       |       |       |       |       |       |       |        |        |
| Cushioning             | Elastic cushioning rings/plates at both ends |       |       |       |       |       |       |       |       |        |        |
| Position detection     | Via proximity switch                         |       |       |       |       |       |       |       |       |        |        |

## Operating and environmental conditions - AEVU-12 ... 40

| Piston diameter                                 | 12 mm                                                                                      | 16 mm | 20 mm            | 25 mm | 32 mm            | 40 mm |
|-------------------------------------------------|--------------------------------------------------------------------------------------------|-------|------------------|-------|------------------|-------|
| Operating medium                                | Compressed air to ISO 8573-1:2010 [7:4:4]                                                  |       |                  |       |                  |       |
| Note on operating and pilot medium              | Lubricated operation possible (in which case lubricated operation will always be required) |       |                  |       |                  |       |
| Operating pressure                              | 0.12 ... 1 MPa                                                                             |       | 0.1 ... 1 MPa    |       | 0.08 ... 1 MPa   |       |
| Operating pressure                              | 1.2 ... 10 bar                                                                             |       | 1 ... 10 bar     |       | 0.8 ... 10 bar   |       |
| Operating pressure                              | 17.4 ... 145 psi                                                                           |       | 14.5 ... 145 psi |       | 11.6 ... 145 psi |       |
| Ambient temperature <sup>1)</sup>               | -20 ... 80°C                                                                               |       |                  |       |                  |       |
| Corrosion resistance class<br>CRC <sup>2)</sup> | 2 - Moderate corrosion stress                                                              |       |                  |       |                  |       |

1) Observe the operating range of the proximity switches.

2) More information [www.festo.com/x/topic/kbk](http://www.festo.com/x/topic/kbk)

## Operating and environmental conditions – AEVU-50 ... 125

| Piston diameter                              | 50 mm                                                                                      | 63 mm           | 80 mm | 100 mm | 125 mm           |
|----------------------------------------------|--------------------------------------------------------------------------------------------|-----------------|-------|--------|------------------|
| Operating medium                             | Compressed air to ISO 8573-1:2010 [7:4:4]                                                  |                 |       |        |                  |
| Note on operating and pilot medium           | Lubricated operation possible (in which case lubricated operation will always be required) |                 |       |        |                  |
| Operating pressure                           | 0.08 ... 1 MPa                                                                             | 0.06 ... 1 MPa  |       |        | 0.05 ... 1 MPa   |
| Operating pressure                           | 0.8 ... 10 bar                                                                             | 0.6 ... 10 bar  |       |        | 0.5 ... 10 bar   |
| Operating pressure                           | 11.6 ... 145 psi                                                                           | 8.7 ... 145 psi |       |        | 7.25 ... 145 psi |
| Ambient temperature <sup>1)</sup>            | -20°C, 80°C                                                                                |                 |       |        |                  |
| Corrosion resistance class CRC <sup>2)</sup> | 2 - Moderate corrosion stress                                                              |                 |       |        |                  |

1) Observe the operating range of the proximity switches.

2) More information [www.festo.com/x/topic/kbk](http://www.festo.com/x/topic/kbk)

## Forces and impact energy – ADVU

$$V = \sqrt{\frac{2 \cdot E}{m_1 + m_2}}$$

$$m_2 = \frac{2 \cdot E}{v^2} - m_1$$

V = permissible impact velocity

E = max. impact energy

m1 = moving mass (drive)

m2 = moving payload

| Piston diameter                                              | 12 mm  | 16 mm      | 20 mm  | 25 mm | 32 mm | 40 mm  | 50 mm   | 63 mm   | 80 mm   | 100 mm  | 125 mm  |
|--------------------------------------------------------------|--------|------------|--------|-------|-------|--------|---------|---------|---------|---------|---------|
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke | 68 N   | 121 N      | 188 N  | 295 N | 483 N | 754 N  | 1,178 N | 1,870 N | 3,016 N | 4,712 N | 7,363 N |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke  | 51 N   | 90 N, 91 N | 141 N  | 247 N | 415 N | 686 N  | 1,057 N | 1,750 N | 2,827 N | 4,418 N | 6,881 N |
| Impact energy in end positions                               | 0.07 J | 0.1 J      | 0.14 J | 0.1 J | 0.4 J | 0.52 J | 0.64 J  | 0.7 J   | 0.75 J  | 1 J     | 3.3 J   |

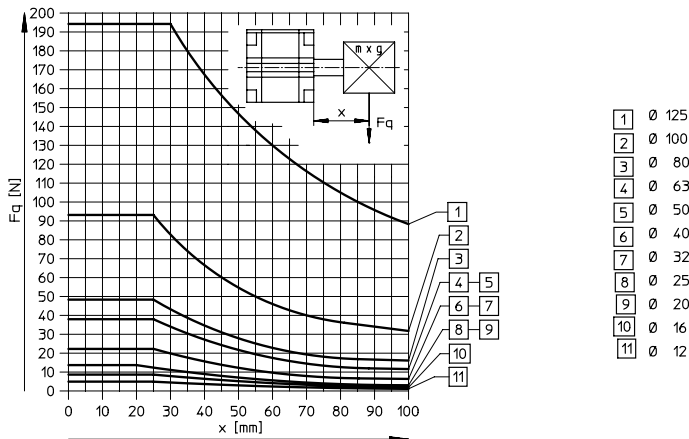
## Weight – ADVU

| Piston diameter                         | 12 mm | 16 mm | 20 mm | 25 mm | 32 mm | 40 mm | 50 mm | 63 mm   | 80 mm   | 100 mm  | 125 mm  |
|-----------------------------------------|-------|-------|-------|-------|-------|-------|-------|---------|---------|---------|---------|
| Basic weight for 0 mm stroke            | 87 g  | 89 g  | 149 g | 180 g | 300 g | 433 g | 560 g | 1,059 g | 1,772 g | 2,797 g | 3,426 g |
| Additional weight per 10 mm stroke      | 15 g  |       | 23 g  | 28 g  | 40 g  | 59 g  | 72 g  | 107 g   | 168 g   | 177 g   | 168 g   |
| Moving mass for 0 mm stroke             | 8 g   | 12 g  | 20 g  | 26 g  | 49 g  | 63 g  | 112 g | 134 g   | 307 g   | 614 g   | 1,317 g |
| Additional moving mass per 10 mm stroke | 2 g   | 4 g   | 6 g   |       | 9 g   |       | 16 g  |         | 25 g    | 38 g    | 63 g    |

## Datasheet

## Materials – ADVU

| Piston diameter          | 12 mm                      | 16 mm | 20 mm            | 25 mm | 32 mm | 40 mm | 50 mm            | 63 mm | 80 mm | 100 mm | 125 mm |
|--------------------------|----------------------------|-------|------------------|-------|-------|-------|------------------|-------|-------|--------|--------|
| Material cylinder barrel | Wrought aluminium alloy    |       |                  |       |       |       |                  |       |       |        |        |
| Material cover           | Wrought aluminium alloy    |       |                  |       |       |       |                  |       |       |        |        |
| Material piston rod      | High-alloy stainless steel |       |                  |       |       |       | High-alloy steel |       |       |        |        |
| Material collar screws   | High-alloy stainless steel |       | Galvanised steel |       |       |       |                  |       |       |        |        |
| Material dynamic seals   | NBR, TPE-U(PU)             |       |                  |       |       |       |                  |       |       |        |        |

Max. transverse force  $F_q$  as a function of projection  $x$  – ADVU

## General technical data – AEVU

|                      |                                              |       |       |       |       |       |       |       |       |        |
|----------------------|----------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Piston diameter      | 12 mm                                        | 16 mm | 20 mm | 25 mm | 32 mm | 40 mm | 50 mm | 63 mm | 80 mm | 100 mm |
| Design               | Piston, Piston rod                           |       |       |       |       |       |       |       |       |        |
| Pneumatic connection | M5                                           |       |       |       | G1/8  |       |       |       | G1/4  |        |
| Piston-rod end       | Male thread, Female thread                   |       |       |       |       |       |       |       |       |        |
| Type of mounting     | Either, With through-hole, With accessories  |       |       |       |       |       |       |       |       |        |
| Cushioning           | Elastic cushioning rings/plates at both ends |       |       |       |       |       |       |       |       |        |
| Position detection   | Via proximity switch                         |       |       |       |       |       |       |       |       |        |

## Operating and environmental conditions – AEVU-12 ... 40

|                                                 |                                                                                            |                   |                  |       |                  |       |
|-------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------|------------------|-------|------------------|-------|
| Piston diameter                                 | 12 mm                                                                                      | 16 mm             | 20 mm            | 25 mm | 32 mm            | 40 mm |
| Operating medium                                | Compressed air to ISO 8573-1:2010 [7:4:4]                                                  |                   |                  |       |                  |       |
| Note on operating and pilot medium              | Lubricated operation possible (in which case lubricated operation will always be required) |                   |                  |       |                  |       |
| Operating pressure                              | 0.15 ... 1 MPa                                                                             | 0.13 ... 1 MPa    | 0.1 ... 1 MPa    |       | 0.08 ... 1 MPa   |       |
| Operating pressure                              | 1.5 ... 10 bar                                                                             | 1.3 ... 10 bar    | 1 ... 10 bar     |       | 0.8 ... 10 bar   |       |
| Operating pressure                              | 21.75 ... 145 psi                                                                          | 18.85 ... 145 psi | 14.5 ... 145 psi |       | 11.6 ... 145 psi |       |
| Ambient temperature <sup>1)</sup>               | -20 ... 80°C                                                                               |                   |                  |       |                  |       |
| Corrosion resistance class<br>CRC <sup>2)</sup> | 2 - Moderate corrosion stress                                                              |                   |                  |       |                  |       |

1) Observe the operating range of the proximity switches.

2) More information [www.festo.com/x/topic/kbk](http://www.festo.com/x/topic/kbk)

## Datasheet

## Operating and environmental conditions – AEVU-50 ... 100

|                                              |                                                                                            |       |        |
|----------------------------------------------|--------------------------------------------------------------------------------------------|-------|--------|
| Piston diameter                              | 63 mm                                                                                      | 80 mm | 100 mm |
| Operating medium                             | Compressed air to ISO 8573-1:2010 [7:4:4]                                                  |       |        |
| Note on operating and pilot medium           | Lubricated operation possible (in which case lubricated operation will always be required) |       |        |
| Operating pressure                           | 0.06 ... 1 MPa                                                                             |       |        |
| Operating pressure                           | 0.6 ... 10 bar                                                                             |       |        |
| Operating pressure                           | 8.7 ... 145 psi                                                                            |       |        |
| Ambient temperature <sup>1)</sup>            | -20°C, 80°C                                                                                |       |        |
| Corrosion resistance class CRC <sup>2)</sup> | 2 - Moderate corrosion stress                                                              |       |        |

1) Observe the operating range of the proximity switches.

2) More information [www.festo.com/x/topic/kbk](http://www.festo.com/x/topic/kbk)

## Forces and impact energy – AEVU

$$V = \sqrt{\frac{2 \cdot E}{m_1 + m_2}}$$

$$m_2 = \frac{2 \cdot E}{v^2} - m_1$$

V = permissible impact velocity

E = max. impact energy

m1 = moving mass (drive)

m2 = moving payload

|                                                              |        |       |        |       |       |        |         |         |         |         |
|--------------------------------------------------------------|--------|-------|--------|-------|-------|--------|---------|---------|---------|---------|
| Piston diameter                                              | 12 mm  | 16 mm | 20 mm  | 25 mm | 32 mm | 40 mm  | 50 mm   | 63 mm   | 80 mm   | 100 mm  |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke | 59 N   | 111 N | 171 N  | 269 N | 450 N | 704 N  | 1,121 N | 1,799 N | 2,902 N | 4,516 N |
| Impact energy in end positions                               | 0.07 J | 0.1 J | 0.14 J | 0.1 J | 0.4 J | 0.52 J | 0.64 J  | 0.7 J   | 0.75 J  | 1 J     |

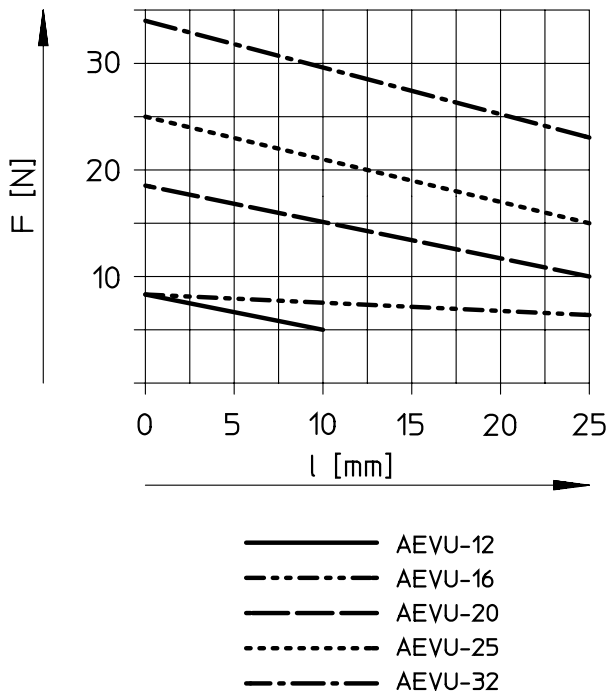
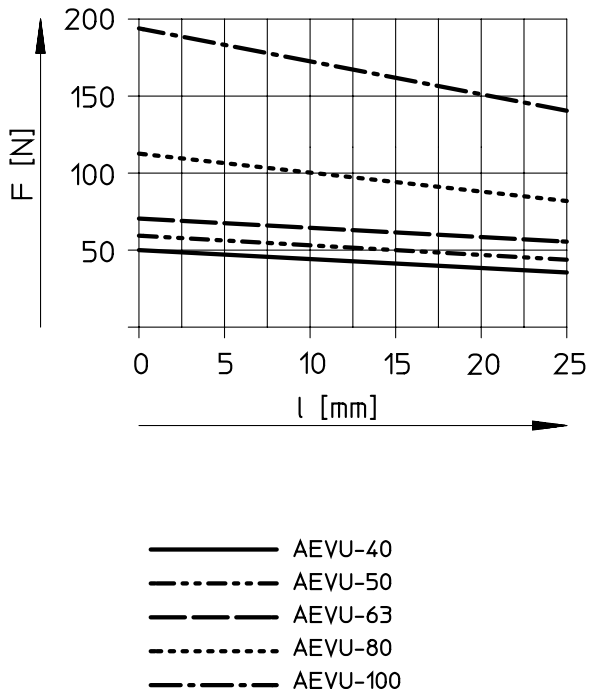
## Weight – AEVU

|                                    |       |       |       |       |       |       |       |         |         |         |
|------------------------------------|-------|-------|-------|-------|-------|-------|-------|---------|---------|---------|
| Piston diameter                    | 12 mm | 16 mm | 20 mm | 25 mm | 32 mm | 40 mm | 50 mm | 63 mm   | 80 mm   | 100 mm  |
| Basic weight for 0 mm stroke       | 87 g  | 89 g  | 149 g | 180 g | 300 g | 433 g | 560 g | 1,059 g | 1,772 g | 2,797 g |
| Additional weight per 10 mm stroke | 15 g  |       | 23 g  | 28 g  | 40 g  | 59 g  | 72 g  | 107 g   | 168 g   | 177 g   |

## Materials – AEVU

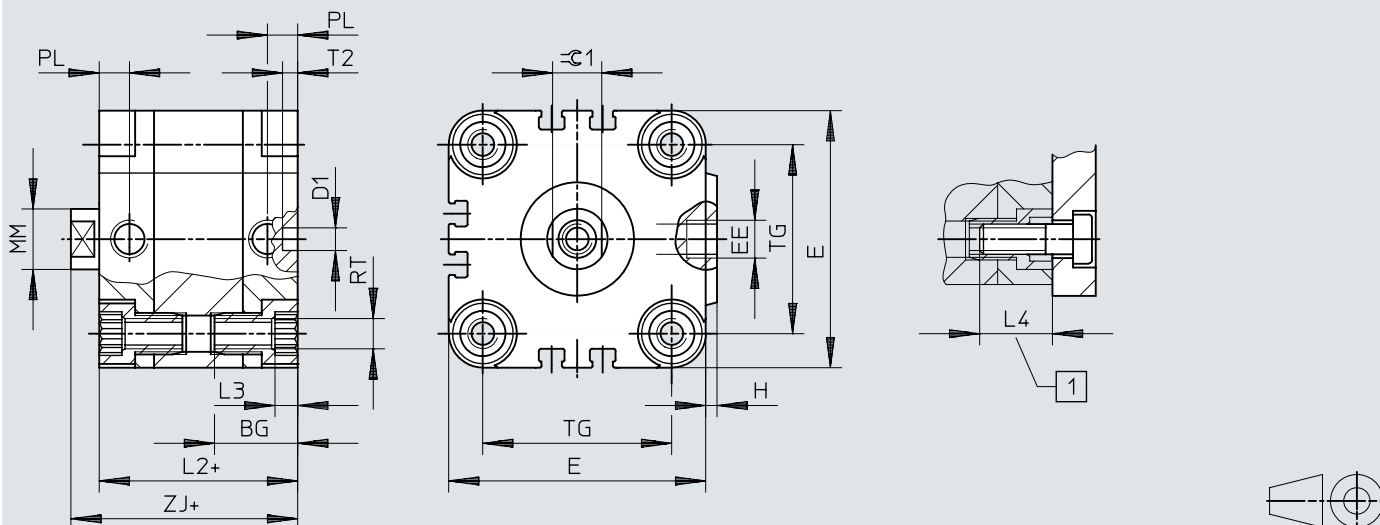
|                          |                            |       |                  |       |       |                  |       |       |       |        |
|--------------------------|----------------------------|-------|------------------|-------|-------|------------------|-------|-------|-------|--------|
| Piston diameter          | 12 mm                      | 16 mm | 20 mm            | 25 mm | 32 mm | 40 mm            | 50 mm | 63 mm | 80 mm | 100 mm |
| Material cylinder barrel | Wrought aluminium alloy    |       |                  |       |       |                  |       |       |       |        |
| Material cover           | Wrought aluminium alloy    |       |                  |       |       |                  |       |       |       |        |
| Material piston rod      | High-alloy stainless steel |       |                  |       |       | High-alloy steel |       |       |       |        |
| Material collar screws   | High-alloy stainless steel |       | Galvanised steel |       |       |                  |       |       |       |        |
| Material dynamic seals   | NBR, TPE-U(PU)             |       |                  |       |       |                  |       |       |       |        |

## Datasheet

Spring return force  $F$  as a function of stroke – AEVU

## Dimensions

Dimensions – Basic cylinder, piston Ø 12 ... 100 mm

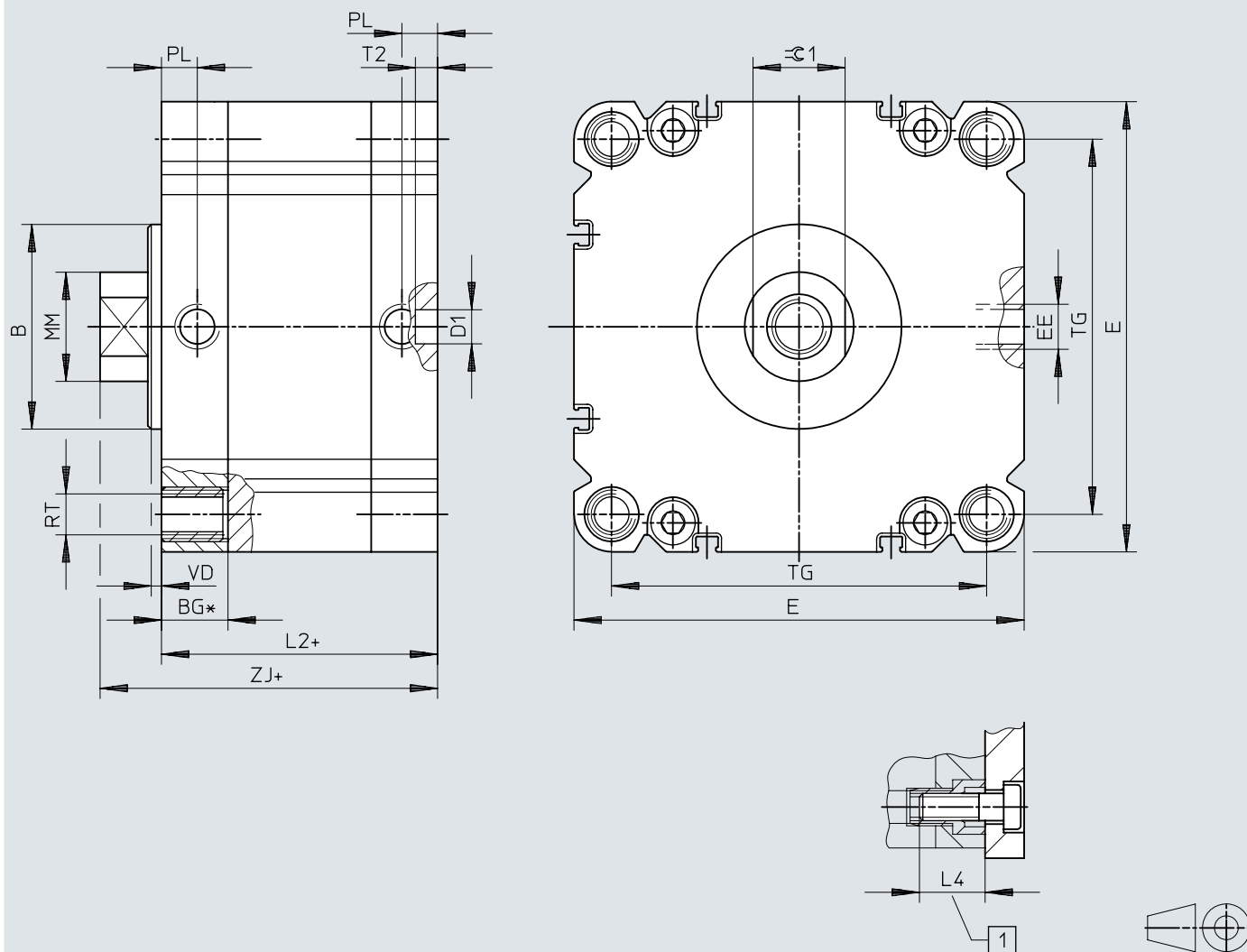
Download CAD data [www.festo.com](http://www.festo.com)

- [1] Minimum screw-in depth  
 [2] + = plus stroke length  
 [3] To mount from above with Ø 12/16, only use 2 screws diagonally or non-solenoid screws.

|          | BG   | D1<br>Ø<br>H9 | E   | EE   | H   | L2   | L3 | L4 | MM<br>Ø | PL   | RT  | T2<br>-0,2 | TG  | ZJ   | ±G1<br>h13 |
|----------|------|---------------|-----|------|-----|------|----|----|---------|------|-----|------------|-----|------|------------|
| ADVU-12  | 18,5 | 6             | 29  | M5   | 1   | 38   | 3  | 16 | 6       | 8    | M4  | 4          | 18  | 42,5 | 5          |
| ADVU-16  | 18,5 | 6             | 29  | M5   | 1   | 38   | 3  | 16 | 8       | 8    | M4  | 4          | 18  | 42,5 | 7          |
| ADVU-20  | 18,5 | 6             | 36  | M5   | 1,5 | 38   | 4  | 18 | 10      | 8    | M5  | 4          | 22  | 42,5 | 9          |
| ADVU-25  | 18,5 | 6             | 40  | M5   | 1,5 | 39,5 | 4  | 18 | 10      | 8    | M5  | 4          | 26  | 45   | 9          |
| ADVU-32  | 21,5 | 6             | 50  | G1/8 | 2   | 44,5 | 5  | 20 | 12      | 8    | M6  | 4          | 32  | 50,5 | 10         |
| ADVU-40  | 21,5 | 6             | 60  | G1/8 | 2,5 | 45,5 | 5  | 20 | 12      | 8    | M6  | 4          | 42  | 52   | 10         |
| ADVU-50  | 22   | 6             | 68  | G1/8 | 3   | 45,5 | 6  | 20 | 16      | 8    | M8  | 4          | 50  | 53   | 13         |
| ADVU-63  | 24,5 | 8             | 87  | G1/8 | 4   | 50   | 8  | 25 | 16      | 8    | M10 | 4          | 62  | 57,5 | 13         |
| ADVU-80  | 27,5 | 8             | 107 | G1/8 | 4   | 56   | 8  | 25 | 20      | 8,5  | M10 | 4          | 82  | 64   | 17         |
| ADVU-100 | 32,5 | 8             | 128 | G1/4 | 5   | 66,5 | 8  | 25 | 25      | 10,5 | M10 | 4          | 103 | 76,5 | 22         |

## Dimensions

Dimensions – Basic cylinder, piston Ø 125 mm

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[1] Minimum screw-in depth

[2] + = plus stroke length

|          | B   | BG   | D1<br>Ø<br>H9 | E   | EE   | L2 | L4 | MM<br>Ø | PL   | RT  | T2   | TG  | VD | ZJ | ≈G1 |
|----------|-----|------|---------------|-----|------|----|----|---------|------|-----|------|-----|----|----|-----|
|          | d11 |      |               |     |      |    |    |         |      |     | -0,2 |     |    |    | h13 |
| ADVU-125 | 60  | 19,5 | 10            | 132 | G1/4 | 81 | 18 | 32      | 10,5 | M12 | 6    | 110 | 4  | 99 | 27  |

Dimensions

Dimensions – Basic type

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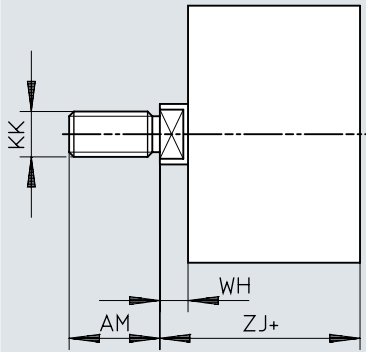
[1] + = plus stroke length

|                        | AF               | KF  | T4  | WH  | ZJ   |
|------------------------|------------------|-----|-----|-----|------|
| ADVU-12                | 8                | M3  | 1,5 | 4,5 | 42,5 |
| ADVU-16                | 10               | M4  | 1,5 | 4,5 | 42,5 |
| ADVU-20 <sup>1)</sup>  | 12               | M5  | 2   | 4,5 | 42,5 |
| ADVU-25 <sup>1)</sup>  | 12               | M5  | 2   | 5,5 | 45   |
| ADVU-32 <sup>1)</sup>  | 14               | M6  | 2,6 | 6   | 50,5 |
| ADVU-40 <sup>1)</sup>  | 14               | M6  | 2,6 | 6,5 | 52   |
| ADVU-50 <sup>1)</sup>  | 16               | M8  | 3,3 | 7,5 | 53   |
| ADVU-63 <sup>1)</sup>  | 16               | M8  | 3,3 | 7,5 | 57,5 |
| ADVU-80 <sup>1)</sup>  | 20 <sup>2)</sup> | M10 | 4,7 | 8   | 64   |
| ADVU-100 <sup>1)</sup> | 24 <sup>2)</sup> | M12 | 6,1 | 10  | 76,5 |
| ADVU-125 <sup>1)</sup> | 25 <sup>2)</sup> | M16 | 7   | 18  | 99   |

1) Nut for piston rod thread included in the scope of delivery  
2) With stroke < 5 mm, the max. screw-in depth is reduced by 5 mm

## Dimensions

### Dimensions – Basic type

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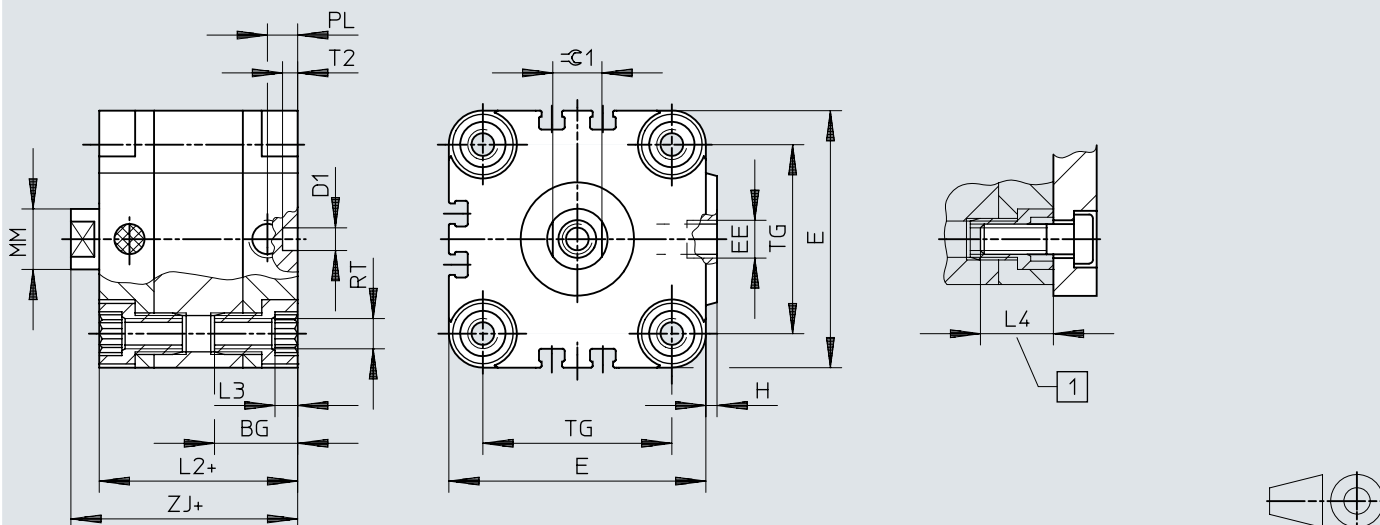
[1] + = plus stroke length

|                        | AM | KK       | WH  | ZJ   |
|------------------------|----|----------|-----|------|
| ADVU-12                | 16 | M6       | 4,5 | 42,5 |
| ADVU-16                | 20 | M8       | 4,5 | 42,5 |
| ADVU-20 <sup>1)</sup>  | 22 | M10x1,25 | 4,5 | 42,5 |
| ADVU-25 <sup>1)</sup>  | 22 | M10x1,25 | 5,5 | 45   |
| ADVU-32 <sup>1)</sup>  | 22 | M10x1,25 | 6   | 50,5 |
| ADVU-40 <sup>1)</sup>  | 22 | M10x1,25 | 6,5 | 52   |
| ADVU-50 <sup>1)</sup>  | 24 | M12x1,25 | 7,5 | 53   |
| ADVU-63 <sup>1)</sup>  | 24 | M12x1,25 | 7,5 | 57,5 |
| ADVU-80 <sup>1)</sup>  | 32 | M16x1,5  | 8   | 64   |
| ADVU-100 <sup>1)</sup> | 40 | M20x1,5  | 10  | 76,5 |
| ADVU-125 <sup>1)</sup> | 54 | M27x2    | 18  | 99   |

1) Nut for piston rod thread included in the scope of delivery

## Dimensions

## Dimensions – Basic cylinder

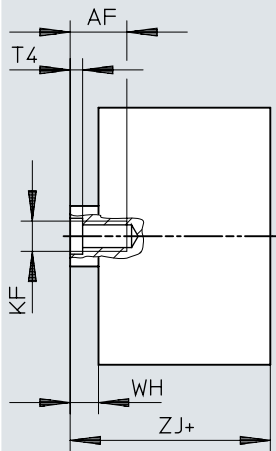
Download CAD data [www.festo.com](http://www.festo.com)

- [1] Minimum screw-in depth  
 [2] + = plus stroke length  
 [3] To mount from above with  $\varnothing 12/16$ , only use 2 screws diagonally or non-solenoid screws.

|                | BG   | D1<br>$\varnothing$<br>H9 | E   | EE   | H   | L2   | L3 | L4 | MM<br>$\varnothing$ | PL   | RT  | T2 | TG  | ZJ   | $\varnothing 1$<br>h13 |
|----------------|------|---------------------------|-----|------|-----|------|----|----|---------------------|------|-----|----|-----|------|------------------------|
| AEVU/AEVUZ-12  | 18,5 | 6                         | 29  | M5   | 1   | 38   | 3  | 16 | 6                   | 8    | M4  | 4  | 18  | 42,5 | 5                      |
| AEVU/AEVUZ-16  | 18,5 | 6                         | 29  | M5   | 1   | 38   | 3  | 16 | 8                   | 8    | M4  | 4  | 18  | 42,5 | 7                      |
| AEVU/AEVUZ-20  | 18,5 | 6                         | 36  | M5   | 1,5 | 38   | 4  | 18 | 10                  | 8    | M5  | 4  | 22  | 42,5 | 9                      |
| AEVU/AEVUZ-25  | 18,5 | 6                         | 40  | M5   | 1,5 | 39,5 | 4  | 18 | 10                  | 8    | M5  | 4  | 26  | 45   | 9                      |
| AEVU/AEVUZ-32  | 21,5 | 6                         | 50  | G1/8 | 2   | 44,5 | 5  | 20 | 12                  | 8    | M6  | 4  | 32  | 50,5 | 10                     |
| AEVU/AEVUZ-40  | 21,5 | 6                         | 60  | G1/8 | 2,5 | 45,5 | 5  | 20 | 12                  | 8    | M6  | 4  | 42  | 52   | 10                     |
| AEVU/AEVUZ-50  | 22   | 6                         | 68  | G1/8 | 3   | 45,5 | 6  | 20 | 16                  | 8    | M8  | 4  | 50  | 53   | 13                     |
| AEVU/AEVUZ-63  | 24,5 | 8                         | 87  | G1/8 | 4   | 50   | 8  | 25 | 16                  | 8    | M10 | 4  | 62  | 57,5 | 13                     |
| AEVU/AEVUZ-80  | 27,5 | 8                         | 107 | G1/8 | 4   | 56   | 8  | 25 | 20                  | 8,5  | M10 | 4  | 82  | 64   | 17                     |
| AEVU/AEVUZ-100 | 32,5 | 8                         | 128 | G1/4 | 5   | 66,5 | 8  | 25 | 25                  | 10,5 | M10 | 4  | 103 | 76,5 | 22                     |

## Dimensions

### Dimensions – Basic type

[Download CAD data](#) [www.festo.com](http://www.festo.com)


[1] + = plus stroke length

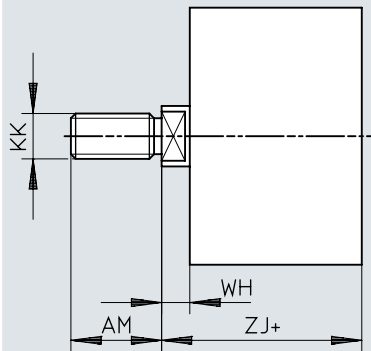
|                        | AF               | AM | D8   | D9<br>ø | KF  | KK       | T4  | WH  | ZJ   | ZM   |
|------------------------|------------------|----|------|---------|-----|----------|-----|-----|------|------|
| AEVU-12                | 8                | 16 | –    | 2,3     | M3  | M6       | 1,5 | 4,5 | 42,5 | 47   |
| AEVU-16                | 10               | 20 | –    | 3,2     | M4  | M8       | 1,5 | 4,5 | 42,5 | 47   |
| AEVU-20 <sup>1)</sup>  | 12               | 22 | –    | 3,8     | M5  | M10x1,25 | 2   | 4,5 | 42,5 | 47   |
| AEVU-25 <sup>1)</sup>  | 12               | 22 | –    | 3,8     | M5  | M10x1,25 | 2   | 5,5 | 45   | 50,5 |
| AEVU-32 <sup>1)</sup>  | 14               | 22 | –    | 4,5     | M6  | M10x1,25 | 2,6 | 6   | 50,5 | 56,5 |
| AEVU-40 <sup>1)</sup>  | 14               | 22 | –    | 4,5     | M6  | M10x1,25 | 2,6 | 6,5 | 52   | 58,5 |
| AEVU-50 <sup>1)</sup>  | 16               | 24 | –    | 6       | M8  | M12x1,25 | 3,3 | 7,5 | 53   | 60,5 |
| AEVU-63 <sup>1)</sup>  | 16               | 24 | –    | 6       | M8  | M12x1,25 | 3,3 | 7,5 | 57,5 | 65   |
| AEVU-80 <sup>1)</sup>  | 20 <sup>2)</sup> | 32 | G1/8 | 8       | M10 | M16x1,5  | 4,7 | 8   | 64   | 72   |
| AEVU-100 <sup>1)</sup> | 24 <sup>2)</sup> | 40 | G1/4 | 11,7    | M12 | M20x1,5  | 6,1 | 10  | 76,5 | 86,5 |

1) Nut for piston rod thread included in the scope of delivery

2) With stroke < 5 mm, the max. screw-in depth is reduced by 5 mm

Dimensions

Dimensions – Basic type Download CAD data [www.festo.com](http://www.festo.com)



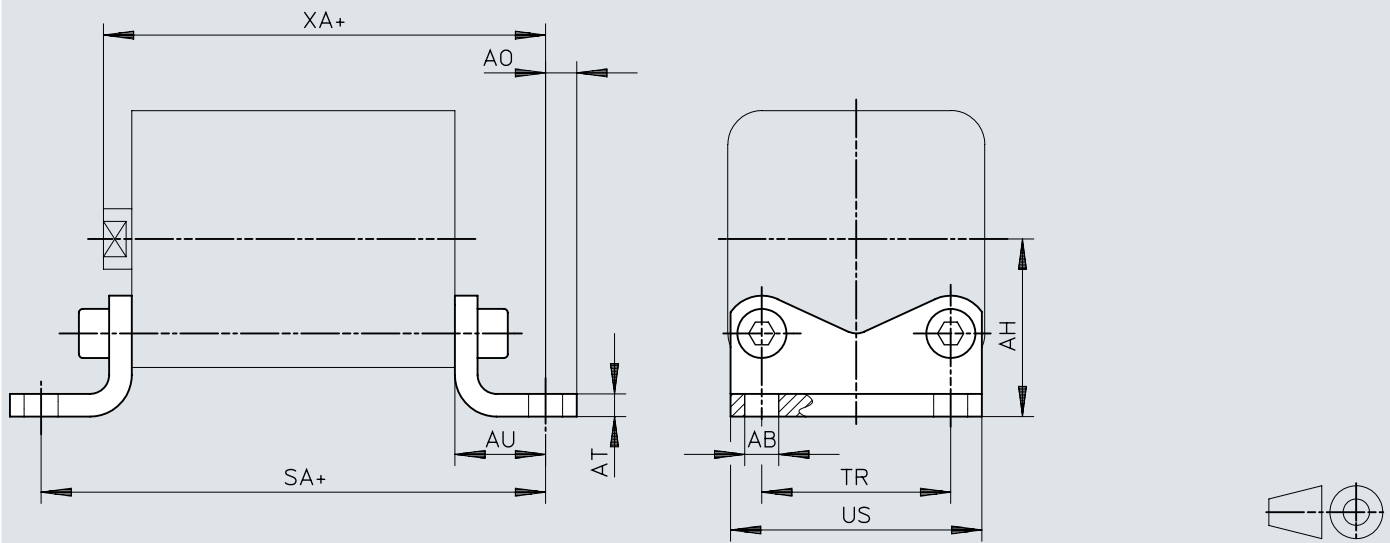
|                        | AM | KK       | WH  | ZJ   |
|------------------------|----|----------|-----|------|
| AEVU-12                | 16 | M6       | 4,5 | 42,5 |
| AEVU-16                | 20 | M8       | 4,5 | 42,5 |
| AEVU-20 <sup>1)</sup>  | 22 | M10x1,25 | 4,5 | 42,5 |
| AEVU-25 <sup>1)</sup>  | 22 | M10x1,25 | 5,5 | 45   |
| AEVU-32 <sup>1)</sup>  | 22 | M10x1,25 | 6   | 50,5 |
| AEVU-40 <sup>1)</sup>  | 22 | M10x1,25 | 6,5 | 52   |
| AEVU-50 <sup>1)</sup>  | 24 | M12x1,25 | 7,5 | 53   |
| AEVU-63 <sup>1)</sup>  | 24 | M12x1,25 | 7,5 | 57,5 |
| AEVU-80 <sup>1)</sup>  | 32 | M16x1,5  | 8   | 64   |
| AEVU-100 <sup>1)</sup> | 40 | M20x1,5  | 10  | 76,5 |

1) Nut for piston rod thread included in the scope of delivery

## Dimensions

Dimensions – Foot mounting HUA for piston Ø 12 ... 100 mm/foot mounting  
HNC for piston Ø 125 mm (not shown)

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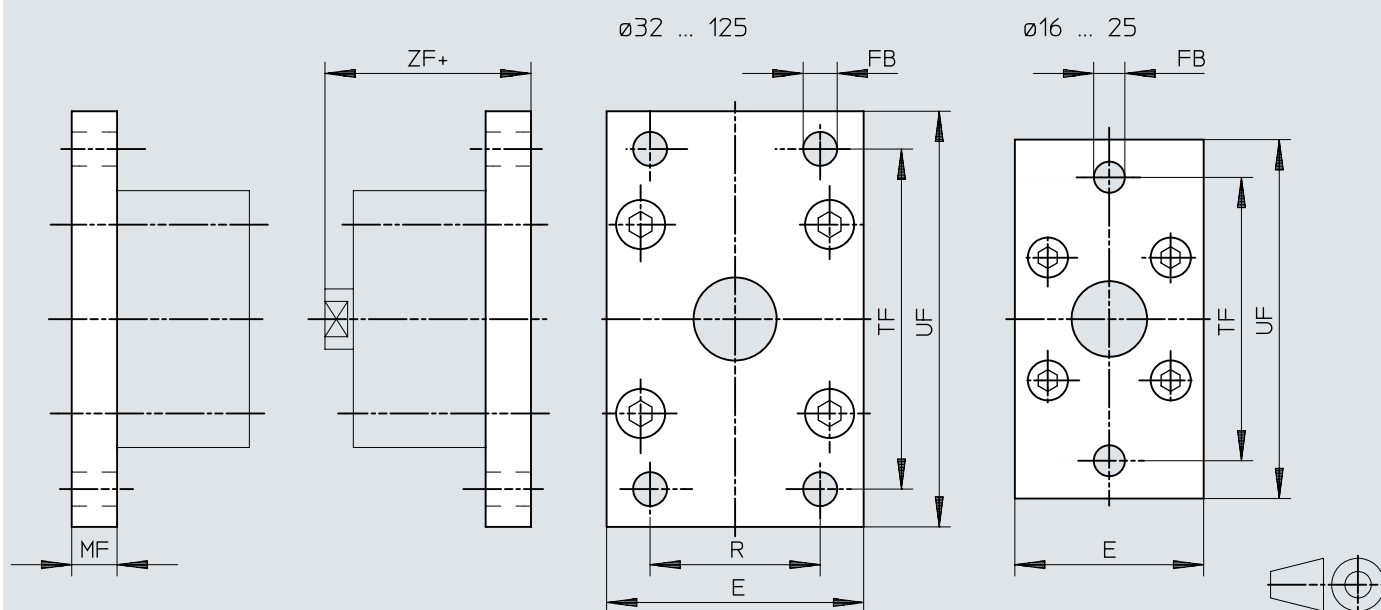
[1] + = plus stroke length

|                        | AB<br>Ø | AH   | AO    | AT | AU | SA    | TR  | US  | XA    |
|------------------------|---------|------|-------|----|----|-------|-----|-----|-------|
| HUA-12/16/ HUA12/16-R3 | 5,5     | 22   | 4,75  | 3  | 13 | 64    | 18  | 27  | 55,5  |
| HUA-20-R3/ HUA-20-R3   | 6,6     | 27   | 6,25  | 4  | 16 | 70    | 22  | 34  | 58,5  |
| HUA-25/ HUA-25-R3      | 6,6     | 29   | 6,25  | 4  | 16 | 71,5  | 26  | 38  | 61    |
| HUA-32/ HUA-32-R3      | 6,6     | 34   | 8,25  | 5  | 18 | 80,5  | 32  | 48  | 68,5  |
| HUA-40/ HUA-40-R3      | 9       | 40,5 | 8,25  | 5  | 20 | 85,5  | 42  | 58  | 72    |
| HUA-50/ HUA-50-R3      | 9       | 47   | 8,25  | 6  | 24 | 93,5  | 50  | 66  | 77    |
| HUA-63/ HUA-63-R3      | 11      | 56,5 | 11,75 | 6  | 27 | 104   | 62  | 85  | 84,5  |
| HUA-80/ HUA-80-R3      | 11      | 68,5 | 11,75 | 8  | 30 | 116   | 82  | 105 | 94    |
| HUA-100/ HUA-100-R3    | 13,5    | 81   | 11,75 | 8  | 33 | 132,5 | 103 | 126 | 109,5 |
| HNC-125/ CRHNC-125     | 16,5    | 90   | 22    | 8  | 45 | 171   | 90  | 131 | 144   |

## Dimensions

Dimensions – Flange mounting FUA for piston Ø 12 ... 100 mm /flange mounting FNC for piston Ø 125 mm (not shown)

Download CAD data [www.festo.com](http://www.festo.com)



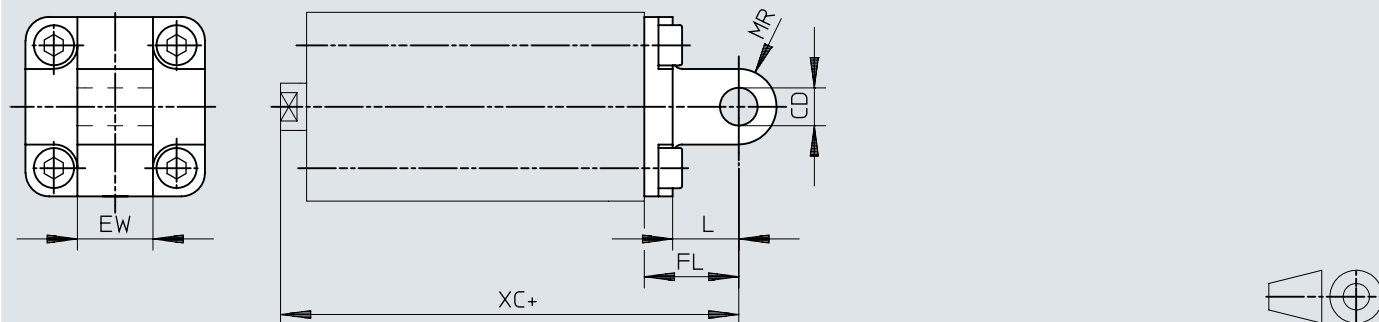
[1] += plus stroke length

|           | E   | FB<br>Ø | MF | R  | TF  | UF  | ZF   |
|-----------|-----|---------|----|----|-----|-----|------|
| FUA-12/16 | 29  | 5,5     | 10 | –  | 43  | 55  | 52,5 |
| FUA-20    | 36  | 6,6     | 10 | –  | 55  | 70  | 52,5 |
| FUA-25    | 40  | 6,6     | 10 | –  | 60  | 76  | 55   |
| FUA-32    | 50  | 7       | 10 | 32 | 65  | 80  | 60,5 |
| FUA-40    | 60  | 9       | 10 | 36 | 82  | 102 | 62   |
| FUA-50    | 68  | 9       | 12 | 45 | 90  | 110 | 65   |
| FUA-63    | 87  | 9       | 15 | 50 | 110 | 130 | 72,5 |
| FUA-80    | 107 | 12      | 15 | 63 | 135 | 160 | 76   |
| FUA-100   | 128 | 14      | 15 | 75 | 163 | 190 | 91,5 |
| FNC-125   | 132 | 16      | 20 | 90 | 180 | 210 | 119  |

## Dimensions

Dimensions – Swivel flange SUA for piston  $\varnothing$  12 ... 25 mm

Download CAD data [www.festo.com](http://www.festo.com)

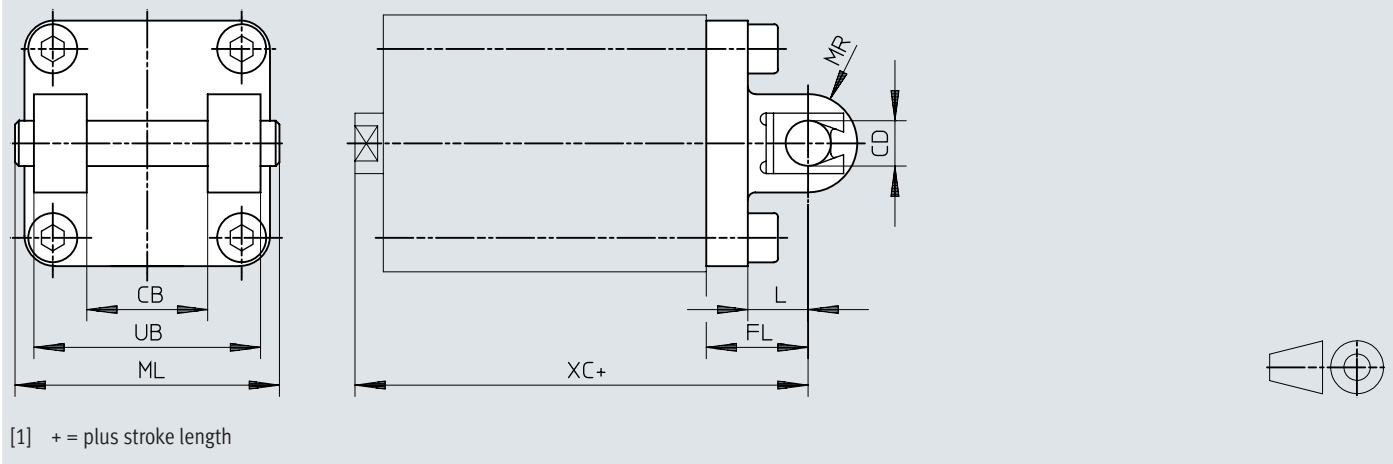


[1] + = plus stroke length

|                        | CD<br>$\varnothing$ | EW | FL | L  | MR | XC   |
|------------------------|---------------------|----|----|----|----|------|
| SUA-12/16/ SUA12/16-R3 | 6                   | 12 | 16 | 10 | 6  | 58,5 |
| SUA-20-R3/ SUA-20-R3   | 8                   | 16 | 20 | 14 | 8  | 62,5 |
| SUA-25/ SUA-25-R3      | 8                   | 16 | 20 | 14 | 8  | 65   |

Dimensions

Dimensions – Swivel flange SUA for piston Ø 32 ... 100 mm Download CAD data [www.festo.com](http://www.festo.com)

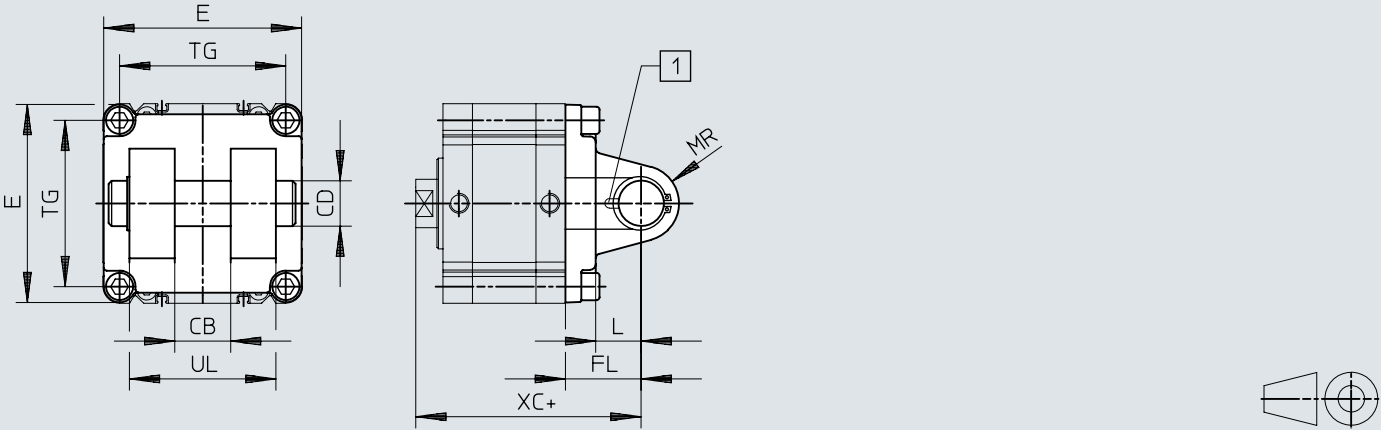


|                     | CB | CD<br>ø | FL | L  | ML  | MR | UB  | XC    |
|---------------------|----|---------|----|----|-----|----|-----|-------|
| SUA-32/ SUA-32-R3   | 26 | 10      | 22 | 13 | 54  | 10 | 45  | 72,5  |
| SUA-40/ SUA-40-R3   | 28 | 12      | 25 | 16 | 62  | 12 | 52  | 77    |
| SUA-50/ SUA-50-R3   | 32 | 12      | 27 | 16 | 70  | 12 | 60  | 80    |
| SUA-63/ SUA-63-R3   | 40 | 16      | 32 | 21 | 82  | 16 | 70  | 89,5  |
| SUA-80/ SUA-80-R3   | 50 | 16      | 36 | 23 | 102 | 16 | 90  | 100   |
| SUA-100/ SUA-100-R3 | 60 | 20      | 41 | 26 | 126 | 20 | 110 | 117,5 |

Dimensions

Dimensions – Swivel flange SNC-125 for piston Ø 125 mm

Download CAD data [www.festo.com](http://www.festo.com)

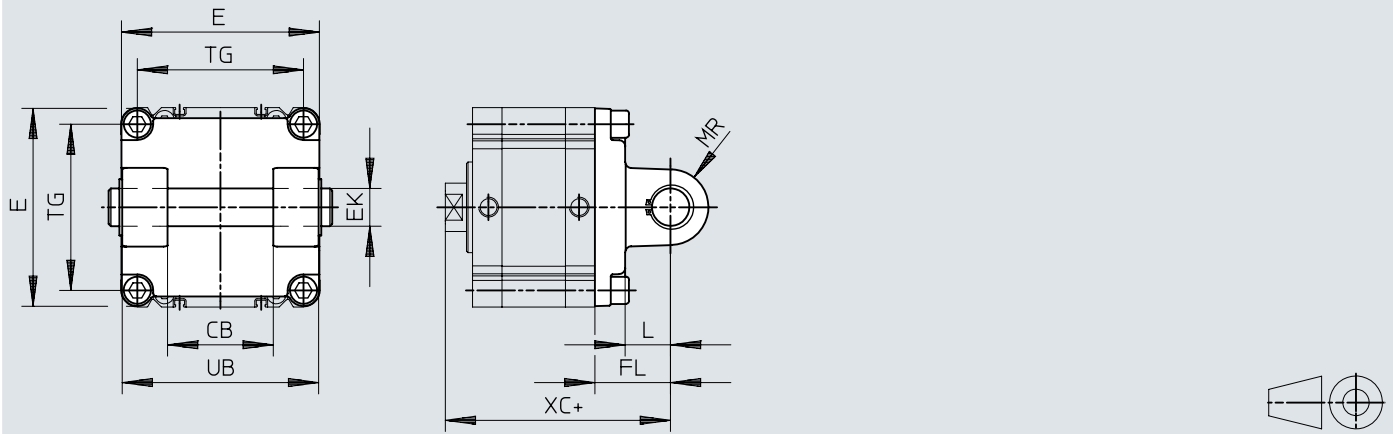


- [1] The pivot pin is secured against rotation using a spring pin  
[2] + = plus stroke length

|         | CB  | CD<br>Ø | E    | FL   | L  | MR | TG  | UL  | XC  |
|---------|-----|---------|------|------|----|----|-----|-----|-----|
|         | H14 | H9      | -0,8 | ±0,2 |    |    |     | h14 |     |
| SNC-125 | 37  | 30      | 131  | 50   | 30 | 25 | 110 | 97  | 149 |

Dimensions

Dimensions – Swivel flange SNCB-125 for piston Ø 125 mm Download CAD data [www.festo.com](http://www.festo.com)



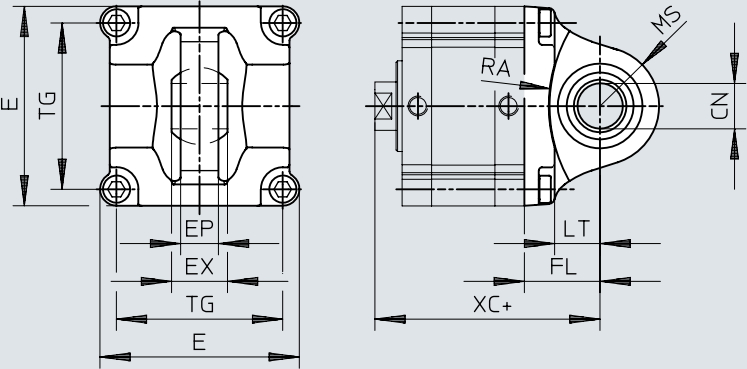
[1] + = plus stroke length

|             | CB  | E    | EK<br>Ø | FL   | L  | MR   | TG  | UB  | XC  |
|-------------|-----|------|---------|------|----|------|-----|-----|-----|
|             | H14 | −0,8 | H9/e8   | ±0,2 |    | −0,5 |     | h14 |     |
| SNCB-125-R3 | 70  | 131  | 25      | 50   | 30 | 25   | 110 | 130 | 149 |

Dimensions

Dimensions – Swivel flange SNCS-125 for piston Ø 125 mm

Download CAD data [www.festo.com](http://www.festo.com)



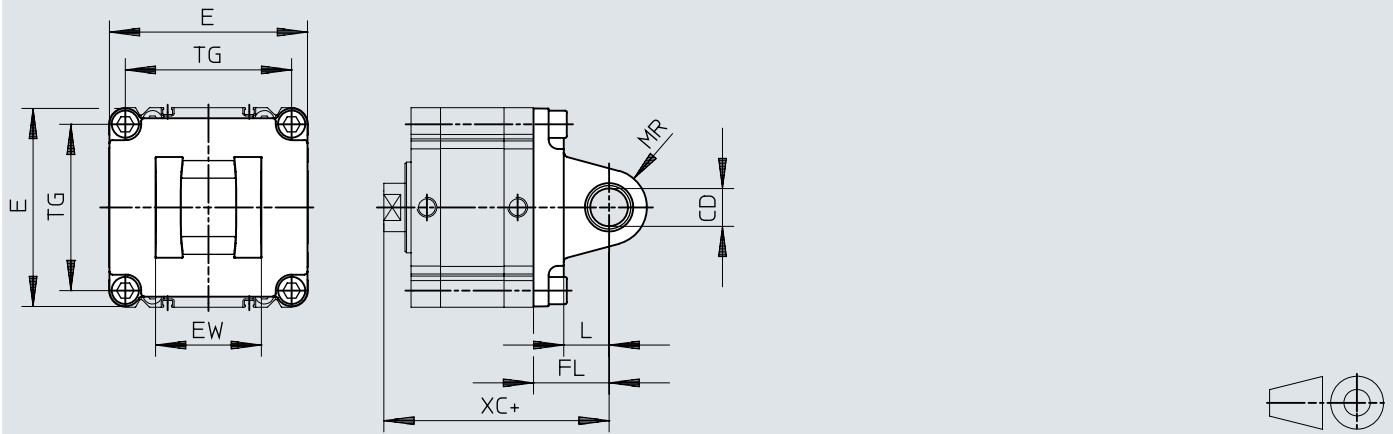
[1] + = plus stroke length

|                      | CN                   |                            | E                      |                        | EP   | EX | FL   |
|----------------------|----------------------|----------------------------|------------------------|------------------------|------|----|------|
|                      | ADVU-...             | ADVU-...-R3                | ADVU-...               | ADVU-...-R3            |      |    |      |
|                      |                      |                            |                        |                        | ±0,2 |    | ±0,2 |
| SNCS-125/SNCS-125-R3 | 30 <sup>+0,018</sup> | 30 <sup>+0,021/-0,04</sup> | 132 <sup>+1/-0,7</sup> | 132 <sup>+1/-0,7</sup> | 25   | 37 | 50   |

|                      | LT | MS       |             | RA             |                   | TG  | XC  |
|----------------------|----|----------|-------------|----------------|-------------------|-----|-----|
|                      |    | ADVU-... | ADVU-...-R3 | ADVU-...<br>+1 | ADVU-...-R3<br>+1 |     |     |
| SNCS-125/SNCS-125-R3 | 30 | 39±0,5   | 39±0,5      | 100            | 100               | 110 | 149 |

Dimensions

Dimensions – Swivel flange SNCL-125 for piston Ø 125 mm Download CAD data [www.festo.com](http://www.festo.com)



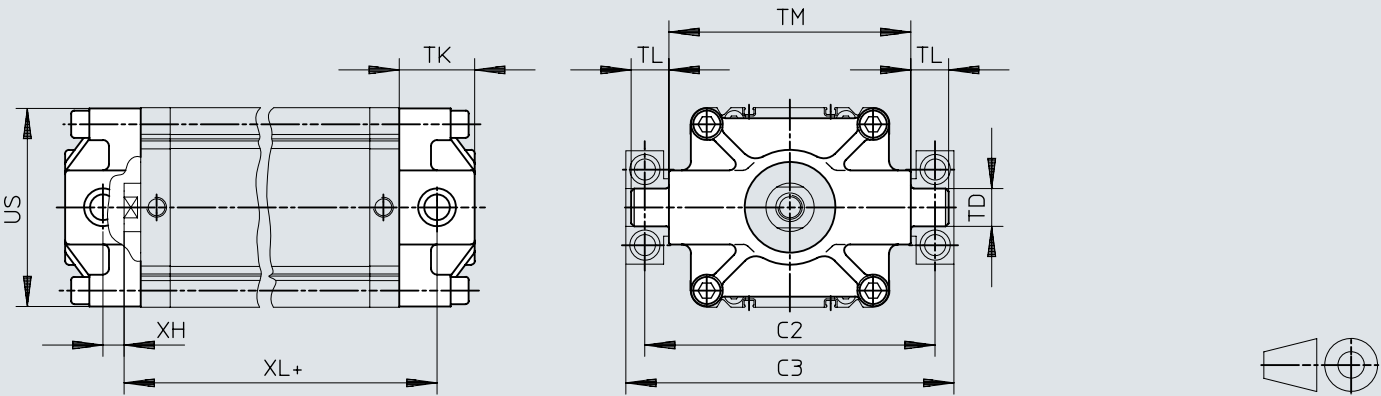
[1] + = plus stroke length

|          | CD<br>Ø<br>H9 | E    | EW        | FL   | L  | MR | TG  | XC  |
|----------|---------------|------|-----------|------|----|----|-----|-----|
| SNCL-125 | 25            | -0,8 | -0,2/-0,6 | ±0,2 | 30 | 25 | 110 | 149 |

Dimensions

Dimensions – Trunnion flange ZNCF-125 for piston Ø 125 mm

Download CAD data [www.festo.com](http://www.festo.com)

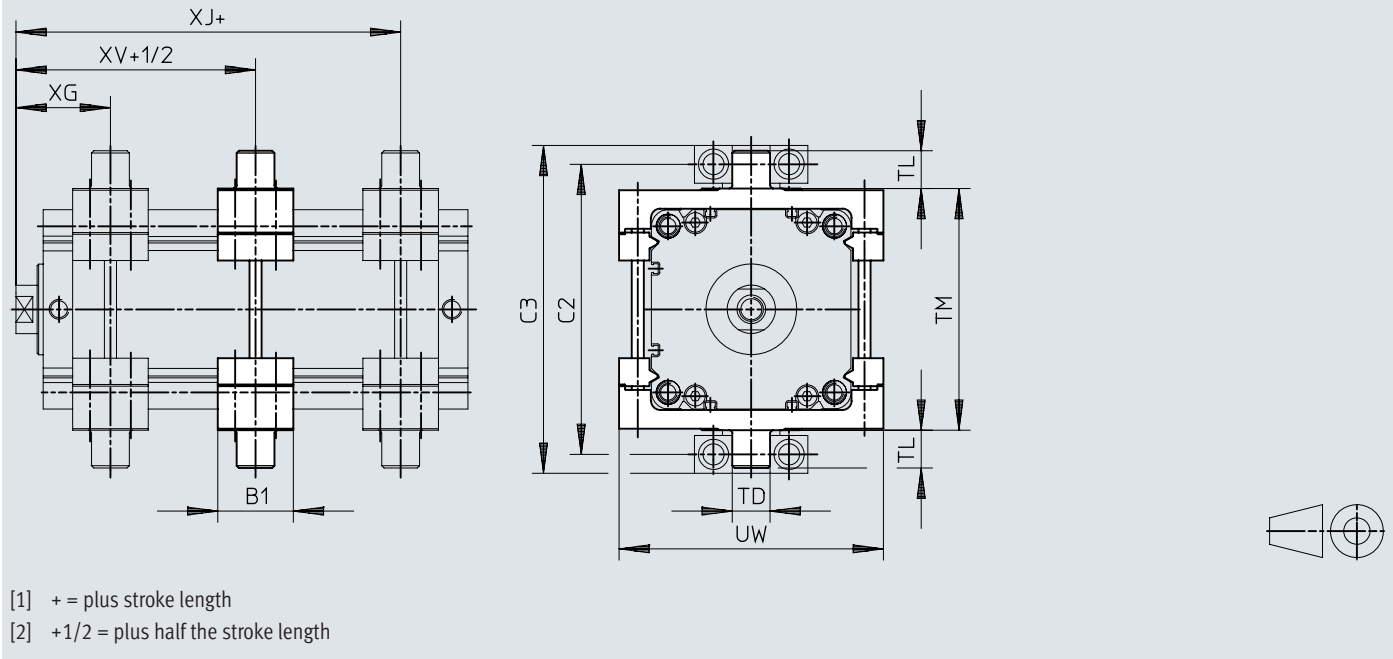


[1] + = plus stroke length

|          | C2  | C3  | TD<br>Ø<br>e9 | TK<br>max. | TL<br>+0,5/-0,7 | TM<br>h14 | US  | XH | XL  |
|----------|-----|-----|---------------|------------|-----------------|-----------|-----|----|-----|
| ZNCF-125 | 192 | 217 | 25            | 50         | 24,5            | 160       | 131 | 14 | 124 |

Dimensions

Dimensions – Trunnion flange kit DAMT-V7-125-A for piston Ø 125 mm Download CAD data [www.festo.com](http://www.festo.com)

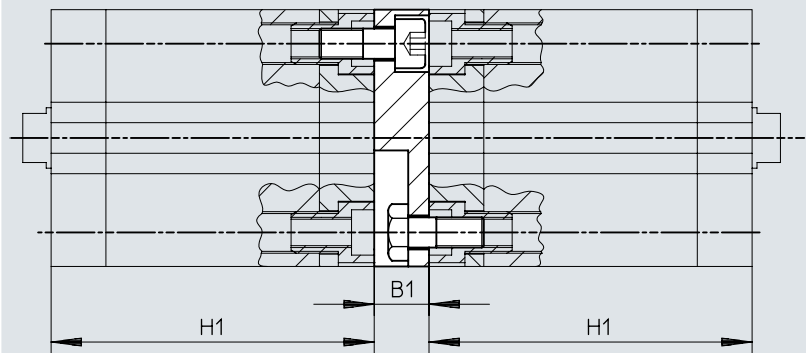


|                   | C1  | C2  | B1 | TD<br>Ø<br>e9 | TL | TM  | UW  | XG   | XV   | XJ   |
|-------------------|-----|-----|----|---------------|----|-----|-----|------|------|------|
| DAMT-V7-125-A-125 | 217 | 192 | 50 | 25            | 25 | 160 | 175 | 62,5 | 58,5 | 54,5 |

Dimensions

Dimensions – Multi-position kit DPVU for piston Ø 12 ... 100 mm

Download CAD data [www.festo.com](http://www.festo.com)

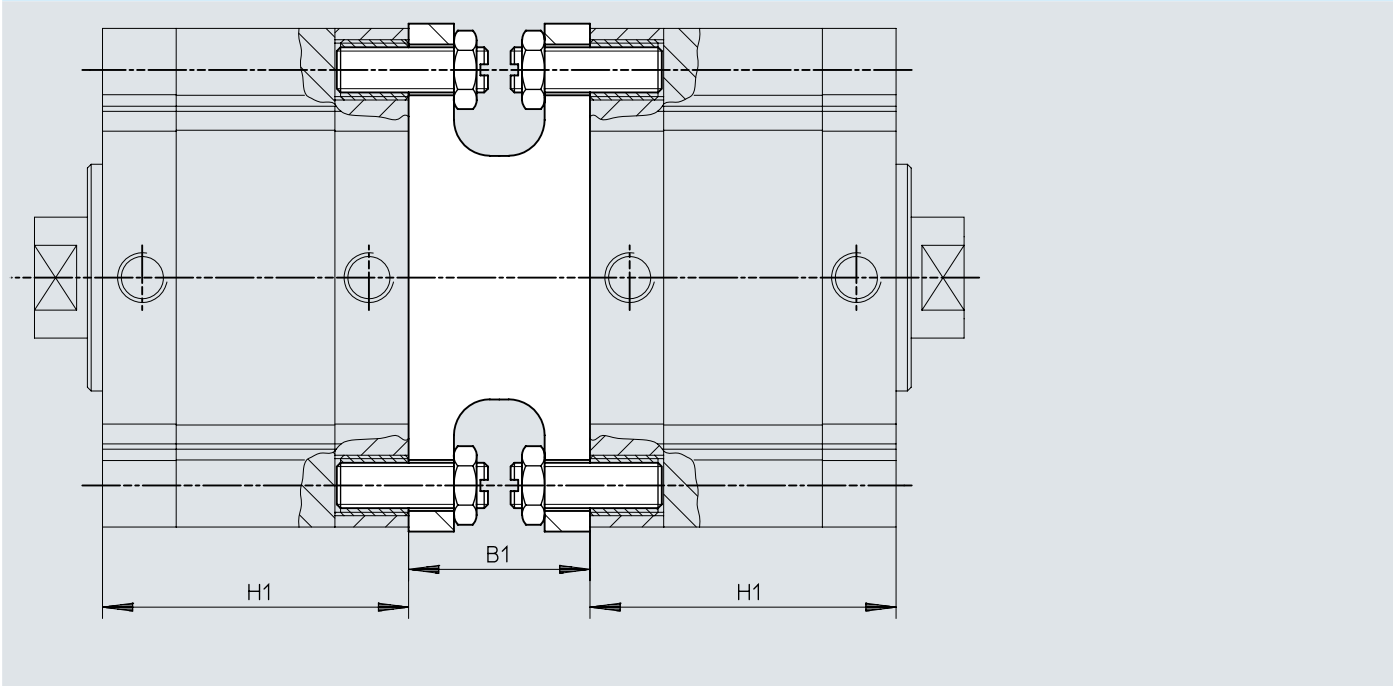


|            | B1   | H    | 1)  |
|------------|------|------|-----|
| DPVU-12/16 | 12,5 | 38   | 400 |
| DPVU-20    | 12,5 | 38   |     |
| DPVU-25    | 13   | 39,5 |     |
| DPVU-32    | 14,5 | 44,5 | 600 |
| DPVU-40    | 14,5 | 45,5 |     |
| DPVU-50    | 14,5 | 45,5 |     |
| DPVU-63    | 14,5 | 50   | 800 |
| DPVU-80    | 16,5 | 56   |     |
| DPVU-100   | 19,5 | 66,5 |     |

1) Max. total stroke length [mm]

Dimensions

Dimensions – Multi-position kit DPNC for piston Ø 125 mm Download CAD data [www.festo.com](http://www.festo.com)



|          | B1 | H  | 1)   |
|----------|----|----|------|
| DPNC-125 | 48 | 81 | 1000 |

1) Max. total stroke length [mm]

## Ordering data

| Piston diameter | Piston-rod end | Stroke       | Part no. | Type             |
|-----------------|----------------|--------------|----------|------------------|
| 12 mm           | Male thread    | 1 ... 200 mm | 156040   | ADVU-12- -A-P-A  |
|                 |                | 5 mm         | 156586   | ADVU-12-5-A-P-A  |
|                 |                | 10 mm        | 156587   | ADVU-12-10-A-P-A |
|                 |                | 15 mm        | 156588   | ADVU-12-15-A-P-A |
|                 |                | 20 mm        | 156589   | ADVU-12-20-A-P-A |
|                 |                | 25 mm        | 156590   | ADVU-12-25-A-P-A |
|                 |                | 30 mm        | 156591   | ADVU-12-30-A-P-A |
|                 |                | 40 mm        | 156592   | ADVU-12-40-A-P-A |
|                 | Female thread  | 1 ... 200 mm | 156000   | ADVU-12- -P-A    |
|                 |                | 5 mm         | 156500   | ADVU-12-5-P-A    |
|                 |                | 10 mm        | 156501   | ADVU-12-10-P-A   |
|                 |                | 15 mm        | 156502   | ADVU-12-15-P-A   |
|                 |                | 20 mm        | 156503   | ADVU-12-20-P-A   |
|                 |                | 25 mm        | 156504   | ADVU-12-25-P-A   |
|                 |                | 30 mm        | 156505   | ADVU-12-30-P-A   |
|                 |                | 40 mm        | 156506   | ADVU-12-40-P-A   |
| 16 mm           | Male thread    | 1 ... 200 mm | 156041   | ADVU-16- -A-P-A  |
|                 |                | 5 mm         | 156593   | ADVU-16-5-A-P-A  |
|                 |                | 10 mm        | 156594   | ADVU-16-10-A-P-A |
|                 |                | 15 mm        | 156595   | ADVU-16-15-A-P-A |
|                 |                | 20 mm        | 156596   | ADVU-16-20-A-P-A |
|                 |                | 25 mm        | 156597   | ADVU-16-25-A-P-A |
|                 |                | 30 mm        | 156598   | ADVU-16-30-A-P-A |
|                 |                | 40 mm        | 156599   | ADVU-16-40-A-P-A |
|                 | Female thread  | 1 ... 200 mm | 156001   | ADVU-16- -P-A    |
|                 |                | 5 mm         | 156507   | ADVU-16-5-P-A    |
|                 |                | 10 mm        | 156508   | ADVU-16-10-P-A   |
|                 |                | 15 mm        | 156509   | ADVU-16-15-P-A   |
|                 |                | 20 mm        | 156510   | ADVU-16-20-P-A   |
|                 |                | 25 mm        | 156511   | ADVU-16-25-P-A   |
|                 |                | 30 mm        | 156512   | ADVU-16-30-P-A   |
|                 |                | 40 mm        | 156513   | ADVU-16-40-P-A   |
| 20 mm           | Male thread    | 1 ... 200 mm | 156042   | ADVU-20- -A-P-A  |
|                 |                | 5 mm         | 156600   | ADVU-20-5-A-P-A  |
|                 |                | 10 mm        | 156601   | ADVU-20-10-A-P-A |
|                 |                | 15 mm        | 156602   | ADVU-20-15-A-P-A |
|                 |                | 20 mm        | 156603   | ADVU-20-20-A-P-A |
|                 |                | 25 mm        | 156604   | ADVU-20-25-A-P-A |
|                 |                | 30 mm        | 156605   | ADVU-20-30-A-P-A |
|                 |                | 40 mm        | 156606   | ADVU-20-40-A-P-A |
|                 | Female thread  | 1 ... 200 mm | 156002   | ADVU-20- -P-A    |
|                 |                | 5 mm         | 156514   | ADVU-20-5-P-A    |
|                 |                | 10 mm        | 156515   | ADVU-20-10-P-A   |
|                 |                | 15 mm        | 156516   | ADVU-20-15-P-A   |
|                 |                | 20 mm        | 156517   | ADVU-20-20-P-A   |
|                 |                | 25 mm        | 156518   | ADVU-20-25-P-A   |
|                 |                | 30 mm        | 156519   | ADVU-20-30-P-A   |
|                 |                | 40 mm        | 156520   | ADVU-20-40-P-A   |
| 25 mm           | Male thread    | 1 ... 200 mm | 156043   | ADVU-25- -A-P-A  |
|                 |                | 5 mm         | 156608   | ADVU-25-5-A-P-A  |
|                 |                | 10 mm        | 156609   | ADVU-25-10-A-P-A |
|                 |                | 15 mm        | 156610   | ADVU-25-15-A-P-A |
|                 |                | 20 mm        | 156611   | ADVU-25-20-A-P-A |
|                 |                | 25 mm        | 156612   | ADVU-25-25-A-P-A |
|                 |                | 30 mm        | 156613   | ADVU-25-30-A-P-A |
|                 |                | 40 mm        | 156614   | ADVU-25-40-A-P-A |
|                 | Female thread  | 1 ... 200 mm | 156003   | ADVU-25- -P-A    |
|                 |                | 5 mm         | 156522   | ADVU-25-5-P-A    |

## Ordering data

| Piston diameter | Piston-rod end | Stroke       | Part no. | Type             |
|-----------------|----------------|--------------|----------|------------------|
| 25 mm           | Female thread  | 10 mm        | 156523   | ADVU-25-10-P-A   |
|                 |                | 15 mm        | 156524   | ADVU-25-15-P-A   |
|                 |                | 20 mm        | 156525   | ADVU-25-20-P-A   |
|                 |                | 25 mm        | 156526   | ADVU-25-25-P-A   |
|                 |                | 30 mm        | 156527   | ADVU-25-30-P-A   |
|                 |                | 40 mm        | 156528   | ADVU-25-40-P-A   |
|                 |                | 50 mm        | 156529   | ADVU-25-50-P-A   |
| 32 mm           | Male thread    | 1 ... 300 mm | 156044   | ADVU-32- -A-P-A  |
|                 |                | 5 mm         | 156616   | ADVU-32-5-A-P-A  |
|                 |                | 10 mm        | 156617   | ADVU-32-10-A-P-A |
|                 |                | 15 mm        | 156618   | ADVU-32-15-A-P-A |
|                 |                | 20 mm        | 156619   | ADVU-32-20-A-P-A |
|                 |                | 25 mm        | 156620   | ADVU-32-25-A-P-A |
|                 |                | 30 mm        | 156621   | ADVU-32-30-A-P-A |
|                 |                | 40 mm        | 156622   | ADVU-32-40-A-P-A |
|                 |                | 50 mm        | 156623   | ADVU-32-50-A-P-A |
|                 |                | 60 mm        | 156624   | ADVU-32-60-A-P-A |
|                 |                | 80 mm        | 156625   | ADVU-32-80-A-P-A |
|                 | Female thread  | 1 ... 300 mm | 156004   | ADVU-32- -P-A    |
|                 |                | 5 mm         | 156530   | ADVU-32-5-P-A    |
|                 |                | 10 mm        | 156531   | ADVU-32-10-P-A   |
|                 |                | 15 mm        | 156532   | ADVU-32-15-P-A   |
|                 |                | 20 mm        | 156533   | ADVU-32-20-P-A   |
|                 |                | 25 mm        | 156534   | ADVU-32-25-P-A   |
|                 |                | 30 mm        | 156535   | ADVU-32-30-P-A   |
|                 |                | 40 mm        | 156536   | ADVU-32-40-P-A   |
|                 |                | 50 mm        | 156537   | ADVU-32-50-P-A   |
|                 |                | 60 mm        | 156538   | ADVU-32-60-P-A   |
|                 |                | 80 mm        | 156539   | ADVU-32-80-P-A   |
| 40 mm           | Male thread    | 1 ... 300 mm | 156045   | ADVU-40- -A-P-A  |
|                 |                | 5 mm         | 156626   | ADVU-40-5-A-P-A  |
|                 |                | 10 mm        | 156627   | ADVU-40-10-A-P-A |
|                 |                | 15 mm        | 156628   | ADVU-40-15-A-P-A |
|                 |                | 20 mm        | 156629   | ADVU-40-20-A-P-A |
|                 |                | 25 mm        | 156630   | ADVU-40-25-A-P-A |
|                 |                | 30 mm        | 156631   | ADVU-40-30-A-P-A |
|                 |                | 40 mm        | 156632   | ADVU-40-40-A-P-A |
|                 |                | 50 mm        | 156633   | ADVU-40-50-A-P-A |
|                 |                | 60 mm        | 156634   | ADVU-40-60-A-P-A |
|                 |                | 80 mm        | 156635   | ADVU-40-80-A-P-A |
|                 | Female thread  | 1 ... 300 mm | 156005   | ADVU-40- -P-A    |
|                 |                | 5 mm         | 156540   | ADVU-40-5-P-A    |
|                 |                | 10 mm        | 156541   | ADVU-40-10-P-A   |
|                 |                | 15 mm        | 156542   | ADVU-40-15-P-A   |
|                 |                | 20 mm        | 156543   | ADVU-40-20-P-A   |
|                 |                | 25 mm        | 156544   | ADVU-40-25-P-A   |
|                 |                | 30 mm        | 156545   | ADVU-40-30-P-A   |
|                 |                | 40 mm        | 156546   | ADVU-40-40-P-A   |
|                 |                | 50 mm        | 156547   | ADVU-40-50-P-A   |
|                 |                | 60 mm        | 156548   | ADVU-40-60-P-A   |
|                 |                | 80 mm        | 156549   | ADVU-40-80-P-A   |
| 50 mm           | Male thread    | 1 ... 300 mm | 156046   | ADVU-50- -A-P-A  |
|                 |                | 10 mm        | 156636   | ADVU-50-10-A-P-A |
|                 |                | 15 mm        | 156637   | ADVU-50-15-A-P-A |
|                 |                | 20 mm        | 156638   | ADVU-50-20-A-P-A |
|                 |                | 25 mm        | 156639   | ADVU-50-25-A-P-A |
|                 |                | 30 mm        | 156640   | ADVU-50-30-A-P-A |
|                 |                | 40 mm        | 156641   | ADVU-50-40-A-P-A |
|                 |                | 50 mm        | 156642   | ADVU-50-50-A-P-A |
|                 |                | 60 mm        | 156643   | ADVU-50-60-A-P-A |
|                 |                | 80 mm        | 156644   | ADVU-50-80-A-P-A |

## Ordering data

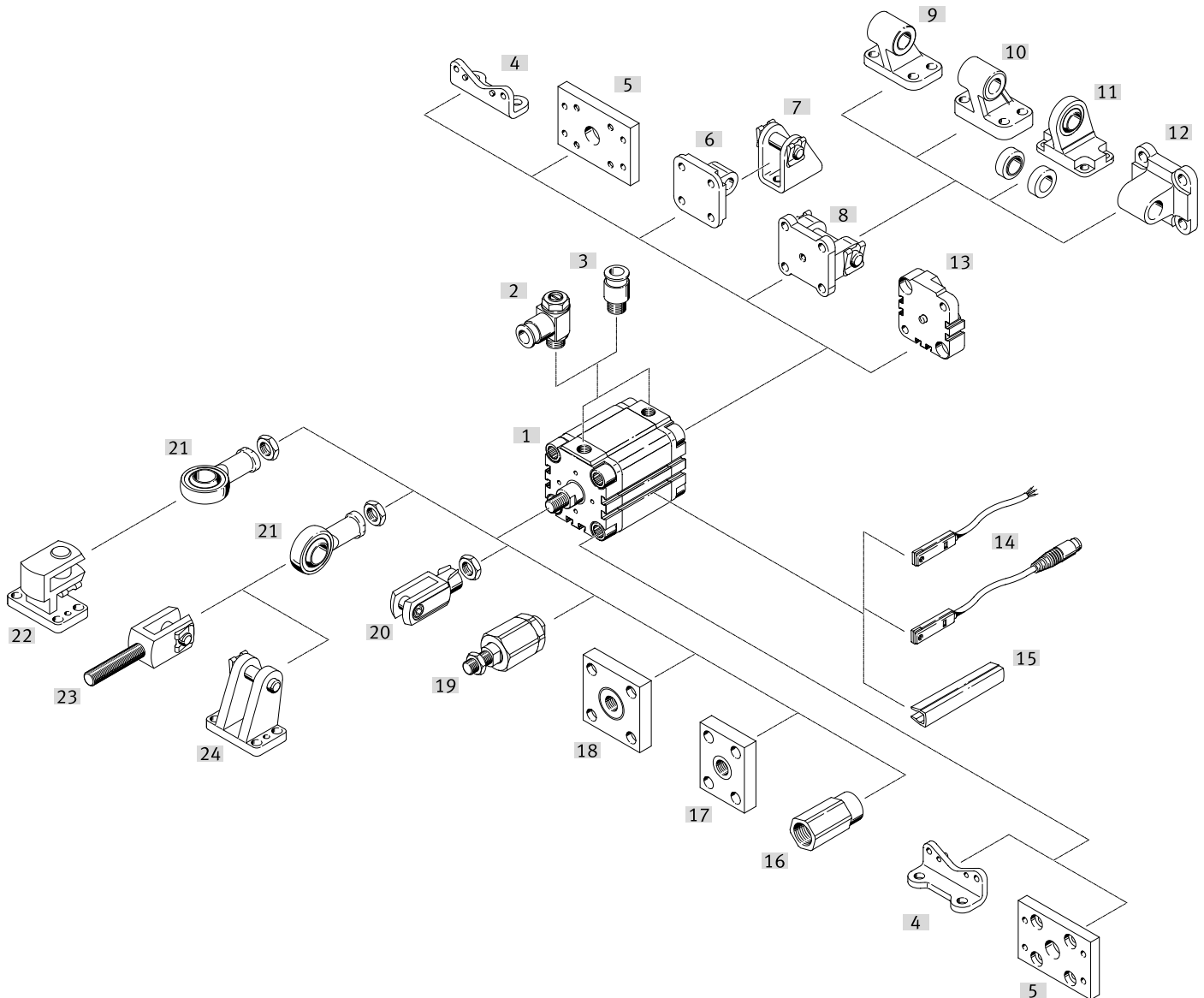
| Piston diameter | Piston-rod end | Stroke       | Part no. | Type              |
|-----------------|----------------|--------------|----------|-------------------|
| 50 mm           | Female thread  | 1 ... 300 mm | 156006   | ADVU-50- -P-A     |
|                 |                | 10 mm        | 156550   | ADVU-50-10-P-A    |
|                 |                | 15 mm        | 156551   | ADVU-50-15-P-A    |
|                 |                | 20 mm        | 156552   | ADVU-50-20-P-A    |
|                 |                | 25 mm        | 156553   | ADVU-50-25-P-A    |
|                 |                | 30 mm        | 156554   | ADVU-50-30-P-A    |
|                 |                | 40 mm        | 156555   | ADVU-50-40-P-A    |
|                 |                | 50 mm        | 156556   | ADVU-50-50-P-A    |
|                 |                | 60 mm        | 156557   | ADVU-50-60-P-A    |
|                 |                | 80 mm        | 156558   | ADVU-50-80-P-A    |
| 63 mm           | Male thread    | 1 ... 300 mm | 156047   | ADVU-63- -A-P-A   |
|                 |                | 10 mm        | 156645   | ADVU-63-10-A-P-A  |
|                 |                | 15 mm        | 156646   | ADVU-63-15-A-P-A  |
|                 |                | 20 mm        | 156647   | ADVU-63-20-A-P-A  |
|                 |                | 25 mm        | 156648   | ADVU-63-25-A-P-A  |
|                 |                | 30 mm        | 156649   | ADVU-63-30-A-P-A  |
|                 |                | 40 mm        | 156650   | ADVU-63-40-A-P-A  |
|                 |                | 50 mm        | 156651   | ADVU-63-50-A-P-A  |
|                 |                | 60 mm        | 156652   | ADVU-63-60-A-P-A  |
|                 |                | 80 mm        | 156653   | ADVU-63-80-A-P-A  |
|                 | Female thread  | 1 ... 300 mm | 156007   | ADVU-63- -P-A     |
|                 |                | 10 mm        | 156559   | ADVU-63-10-P-A    |
|                 |                | 15 mm        | 156560   | ADVU-63-15-P-A    |
|                 |                | 20 mm        | 156561   | ADVU-63-20-P-A    |
|                 |                | 25 mm        | 156562   | ADVU-63-25-P-A    |
|                 |                | 30 mm        | 156563   | ADVU-63-30-P-A    |
|                 |                | 40 mm        | 156564   | ADVU-63-40-P-A    |
|                 |                | 50 mm        | 156565   | ADVU-63-50-P-A    |
|                 |                | 60 mm        | 156566   | ADVU-63-60-P-A    |
|                 |                | 80 mm        | 156567   | ADVU-63-80-P-A    |
| 80 mm           | Male thread    | 1 ... 400 mm | 156048   | ADVU-80- -A-P-A   |
|                 |                | 10 mm        | 156654   | ADVU-80-10-A-P-A  |
|                 |                | 15 mm        | 156655   | ADVU-80-15-A-P-A  |
|                 |                | 20 mm        | 156656   | ADVU-80-20-A-P-A  |
|                 |                | 25 mm        | 156657   | ADVU-80-25-A-P-A  |
|                 |                | 30 mm        | 156658   | ADVU-80-30-A-P-A  |
|                 |                | 40 mm        | 156659   | ADVU-80-40-A-P-A  |
|                 |                | 50 mm        | 156660   | ADVU-80-50-A-P-A  |
|                 |                | 60 mm        | 156661   | ADVU-80-60-A-P-A  |
|                 |                | 80 mm        | 156662   | ADVU-80-80-A-P-A  |
|                 | Female thread  | 1 ... 400 mm | 156008   | ADVU-80- -P-A     |
|                 |                | 10 mm        | 156568   | ADVU-80-10-P-A    |
|                 |                | 15 mm        | 156569   | ADVU-80-15-P-A    |
|                 |                | 20 mm        | 156570   | ADVU-80-20-P-A    |
|                 |                | 25 mm        | 156571   | ADVU-80-25-P-A    |
|                 |                | 30 mm        | 156572   | ADVU-80-30-P-A    |
|                 |                | 40 mm        | 156573   | ADVU-80-40-P-A    |
|                 |                | 50 mm        | 156574   | ADVU-80-50-P-A    |
|                 |                | 60 mm        | 156575   | ADVU-80-60-P-A    |
|                 |                | 80 mm        | 156576   | ADVU-80-80-P-A    |
| 100 mm          | Male thread    | 1 ... 400 mm | 156049   | ADVU-100- -A-P-A  |
|                 |                | 10 mm        | 156663   | ADVU-100-10-A-P-A |
|                 |                | 15 mm        | 156664   | ADVU-100-15-A-P-A |
|                 |                | 20 mm        | 156665   | ADVU-100-20-A-P-A |
|                 |                | 25 mm        | 156666   | ADVU-100-25-A-P-A |
|                 |                | 30 mm        | 156667   | ADVU-100-30-A-P-A |
|                 |                | 40 mm        | 156668   | ADVU-100-40-A-P-A |
|                 |                | 50 mm        | 156669   | ADVU-100-50-A-P-A |
|                 |                | 60 mm        | 156670   | ADVU-100-60-A-P-A |
|                 |                | 80 mm        | 156671   | ADVU-100-80-A-P-A |
|                 | Female thread  | 1 ... 400 mm | 156009   | ADVU-100- -P-A    |

## Ordering data

| Piston diameter | Piston-rod end | Stroke       | Part no. | Type              |
|-----------------|----------------|--------------|----------|-------------------|
| 100 mm          | Female thread  | 10 mm        | 156577   | ADVU-100-10-P-A   |
|                 |                | 15 mm        | 156578   | ADVU-100-15-P-A   |
|                 |                | 20 mm        | 156579   | ADVU-100-20-P-A   |
|                 |                | 30 mm        | 156581   | ADVU-100-30-P-A   |
|                 |                | 40 mm        | 156582   | ADVU-100-40-P-A   |
|                 |                | 50 mm        | 156583   | ADVU-100-50-P-A   |
|                 |                | 60 mm        | 156584   | ADVU-100-60-P-A   |
|                 |                | 80 mm        | 156585   | ADVU-100-80-P-A   |
| 125 mm          | Male thread    | 1 ... 400 mm | 175771   | ADVU-125- -A-P-A  |
|                 |                | 10 mm        | 175762   | ADVU-125-10-A-P-A |
|                 |                | 15 mm        | 175763   | ADVU-125-15-A-P-A |
|                 |                | 20 mm        | 175764   | ADVU-125-20-A-P-A |
|                 |                | 25 mm        | 175765   | ADVU-125-25-A-P-A |
|                 |                | 30 mm        | 175766   | ADVU-125-30-A-P-A |
|                 |                | 40 mm        | 175767   | ADVU-125-40-A-P-A |
|                 |                | 50 mm        | 175768   | ADVU-125-50-A-P-A |
|                 |                | 60 mm        | 175769   | ADVU-125-60-A-P-A |
|                 |                | 80 mm        | 175770   | ADVU-125-80-A-P-A |
|                 | Female thread  | 1 ... 400 mm | 175759   | ADVU-125- -P-A    |
|                 |                | 10 mm        | 175750   | ADVU-125-10-P-A   |
|                 |                | 15 mm        | 175751   | ADVU-125-15-P-A   |
|                 |                | 20 mm        | 175752   | ADVU-125-20-P-A   |
|                 |                | 25 mm        | 175753   | ADVU-125-25-P-A   |
|                 |                | 30 mm        | 175754   | ADVU-125-30-P-A   |
|                 |                | 40 mm        | 175755   | ADVU-125-40-P-A   |
|                 |                | 50 mm        | 175756   | ADVU-125-50-P-A   |
|                 |                | 60 mm        | 175757   | ADVU-125-60-P-A   |
|                 |                | 80 mm        | 175758   | ADVU-125-80-P-A   |

## Peripherals

### Peripherals overview ADVU/AEVU-12 ... 100



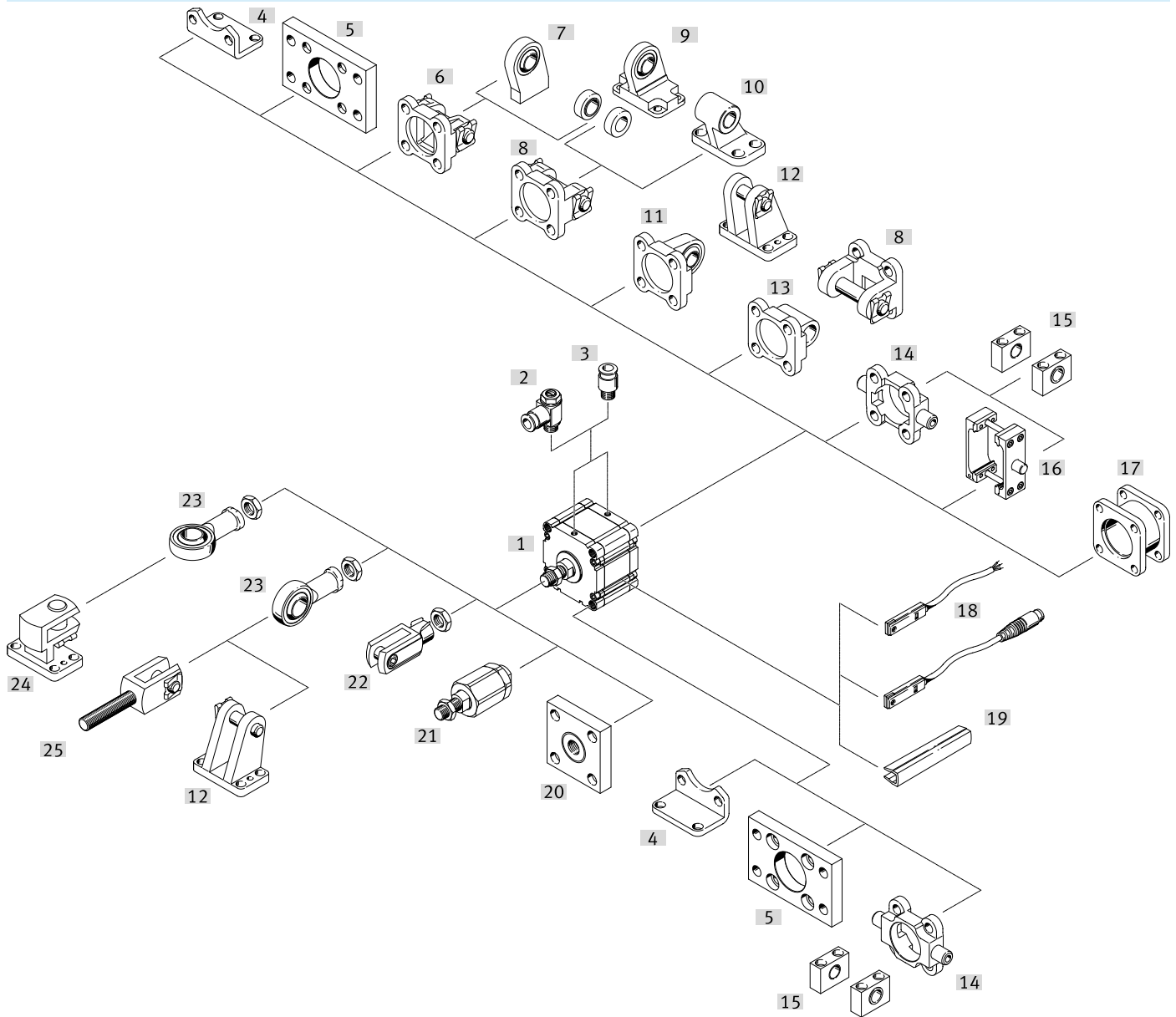
| Accessories                         |                                                                                                                                      | → Link               |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| Type/order code                     | Description                                                                                                                          |                      |
| [1] ADVU/AEVU                       | Pneumatic drive                                                                                                                      | <a href="#">advu</a> |
| [2] One-way flow control valve GRLA | For speed regulation                                                                                                                 | <a href="#">grla</a> |
| [2] One-way flow control valve GRLZ | For speed regulation                                                                                                                 | <a href="#">grlz</a> |
| [3] Push-in fitting QS              | For connecting compressed air tubing with standard O.D.                                                                              | <a href="#">qs</a>   |
| [4] Foot mounting HUA-...-R3        | <ul style="list-style-type: none"> <li>• For bearing and end caps</li> <li>• High corrosion protection</li> </ul>                    | <a href="#">35</a>   |
| [4] Foot mounting HUA               | For bearing and end caps                                                                                                             | <a href="#">35</a>   |
| [5] Flange mounting FUA             | For bearing or end caps                                                                                                              | <a href="#">35</a>   |
| [6] Swivel flange SUA-...-R3        | <ul style="list-style-type: none"> <li>• For end caps</li> <li>• For Ø 12 ... 25 mm</li> <li>• High corrosion protection</li> </ul>  | <a href="#">36</a>   |
| [6] Swivel flange SUA               | <ul style="list-style-type: none"> <li>• For end caps</li> <li>• For Ø 12 ... 25 mm</li> </ul>                                       | <a href="#">36</a>   |
| [7] Clevis foot CRLBN               | High corrosion protection                                                                                                            | <a href="#">38</a>   |
| [7] Clevis foot LBN                 | -                                                                                                                                    | <a href="#">38</a>   |
| [8] Swivel flange SUA-...-R3        | <ul style="list-style-type: none"> <li>• For end caps</li> <li>• For Ø 32 ... 100 mm</li> <li>• High corrosion protection</li> </ul> | <a href="#">36</a>   |

## Peripherals

| Accessories                         |                                                                                                                                                 | → Link             |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| Type/order code                     | Description                                                                                                                                     |                    |
| [8] Swivel flange SUA               | <ul style="list-style-type: none"> <li>For end caps</li> <li>For Ø 32 ... 100 mm</li> </ul>                                                     | <a href="#">36</a> |
| [9] Clevis foot LN                  | -                                                                                                                                               | <a href="#">38</a> |
| [10] Clevis foot CRLNG              | High corrosion protection                                                                                                                       | <a href="#">40</a> |
| [10] Clevis foot LNG                | -                                                                                                                                               | <a href="#">39</a> |
| [11] Clevis foot LSN                | With spherical bearing                                                                                                                          | <a href="#">39</a> |
| [12] Swivel flange SNCL             | -                                                                                                                                               | <a href="#">37</a> |
| [13] Mounting kit DPVU              | For connecting two cylinders with the same piston diameter to form a multi-position cylinder                                                    | <a href="#">37</a> |
| [14] Proximity switch SME-8         | <ul style="list-style-type: none"> <li>Magnetic reed</li> <li>Can be integrated in the cylinder profile barrel</li> </ul>                       | <a href="#">42</a> |
| [14] Proximity switch SMT-8         | <ul style="list-style-type: none"> <li>Magneto-resistive</li> <li>Can be integrated in the cylinder profile barrel</li> </ul>                   | <a href="#">42</a> |
| [15] Slot cover ABP-5-S             | For protecting the sensor cables and the sensor slots from contamination                                                                        | <a href="#">43</a> |
| [16] Adapter AD                     | For suction cup with connector                                                                                                                  | <a href="#">41</a> |
| [17] Coupling piece KSZ             | For cylinders with non-rotating piston rod to compensate for radial deviations                                                                  | <a href="#">41</a> |
| [18] Coupling piece KSG             | To compensate for radial deviations                                                                                                             | <a href="#">41</a> |
| [19] Self-aligning rod coupler CRFK | <ul style="list-style-type: none"> <li>To compensate for radial and angular deviations</li> <li>High corrosion protection</li> </ul>            | <a href="#">41</a> |
| [19] Self-aligning rod coupler FK   | To compensate for radial and angular deviations                                                                                                 | <a href="#">40</a> |
| [20] Rod clevis CRSG                | <ul style="list-style-type: none"> <li>Permits a swivelling movement of the cylinder in one plane</li> <li>High corrosion protection</li> </ul> | <a href="#">41</a> |
| [20] Rod clevis SG                  | Permits a swivelling movement of the cylinder in one plane                                                                                      | <a href="#">40</a> |
| [21] Rod eye CRSGS                  | <ul style="list-style-type: none"> <li>With spherical bearing</li> <li>High corrosion protection</li> </ul>                                     | <a href="#">41</a> |
| [21] Rod eye SGS                    | With spherical bearing                                                                                                                          | <a href="#">40</a> |
| [22] Right angle clevis foot LQG    | -                                                                                                                                               | <a href="#">39</a> |
| [23] Rod clevis SGA                 | With male thread                                                                                                                                | <a href="#">40</a> |
| [24] Clevis foot LBG-...-R3         | High corrosion protection                                                                                                                       | <a href="#">40</a> |
| [24] Clevis foot LBG                | -                                                                                                                                               | <a href="#">39</a> |

## Peripherals

### Peripherals overview ADVU-125



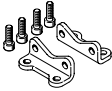
| Accessories                         |                                                                                                                                | → Link                    |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| Type/order code                     | Description                                                                                                                    |                           |
| [1] ADVU                            | Pneumatic drive                                                                                                                | <a href="#">ADVU/AEVU</a> |
| [2] One-way flow control valve GRLA | For speed regulation                                                                                                           | <a href="#">grla</a>      |
| [2] One-way flow control valve GRLZ | For speed regulation                                                                                                           | <a href="#">grlz</a>      |
| [3] Push-in fitting QS              | For connecting compressed air tubing with standard O.D.                                                                        | <a href="#">qs</a>        |
| [4] Foot mounting HNC               | For bearing and end caps                                                                                                       | <a href="#">35</a>        |
| [4] Foot mounting CRHNC             | <ul style="list-style-type: none"> <li>For bearing and end caps</li> <li>High corrosion protection</li> </ul>                  | <a href="#">35</a>        |
| [5] Flange mounting FNC             | For bearing or end caps                                                                                                        | <a href="#">35</a>        |
| [6] Swivel flange SNC               | For end caps                                                                                                                   | <a href="#">36</a>        |
| [7] Clevis foot LSNSG               | Weld-on, with spherical bearing                                                                                                | <a href="#">39</a>        |
| [8] Swivel flange SNCB              | For end caps                                                                                                                   | <a href="#">36</a>        |
| [8] Swivel flange SNCB-...-R3       | <ul style="list-style-type: none"> <li>For end caps</li> <li>For Ø 32 ... 100 mm</li> <li>High corrosion protection</li> </ul> | <a href="#">36</a>        |
| [9] Clevis foot LSN                 | With spherical bearing                                                                                                         | <a href="#">39</a>        |
| [10] Clevis foot LN                 | -                                                                                                                              | <a href="#">38</a>        |

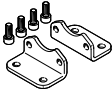
## Peripherals

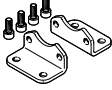
| Accessories                         |                                                                                                                                                     | → Link             |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| Type/order code                     | Description                                                                                                                                         |                    |
| [11] Swivel flange SNCS             | <ul style="list-style-type: none"> <li>• With spherical bearing</li> <li>• For end caps</li> </ul>                                                  | <a href="#">37</a> |
| [11] Swivel flange SNCS-...-R3      | <ul style="list-style-type: none"> <li>• With spherical bearing</li> <li>• For end caps</li> <li>• High corrosion protection</li> </ul>             | <a href="#">37</a> |
| [12] Clevis foot LBG                | -                                                                                                                                                   | <a href="#">39</a> |
| [12] Clevis foot LBG-...-R3         | High corrosion protection                                                                                                                           | <a href="#">40</a> |
| [13] Swivel flange SNCL             | For end caps                                                                                                                                        | <a href="#">37</a> |
| [14] Trunnion flange ZNCF           | For bearing and end caps                                                                                                                            | <a href="#">36</a> |
| [15] Trunnion support LNZZG         | -                                                                                                                                                   | <a href="#">38</a> |
| [15] Trunnion support CRLNZZG       | High corrosion protection                                                                                                                           | <a href="#">38</a> |
| [16] Trunnion flange kit DAMT       | For mounting anywhere on the cylinder profile barrel                                                                                                | <a href="#">37</a> |
| [17] Mounting kit DPNC              | For connecting two cylinders with the same piston diameter to form a multi-position cylinder                                                        | <a href="#">37</a> |
| [18] Proximity switch SME-8         | <ul style="list-style-type: none"> <li>• Magnetic reed</li> <li>• Can be integrated in the cylinder profile barrel</li> </ul>                       | <a href="#">42</a> |
| [18] Proximity switch SMT-8         | <ul style="list-style-type: none"> <li>• Magneto-resistive</li> <li>• Can be integrated in the cylinder profile barrel</li> </ul>                   | <a href="#">42</a> |
| [19] Slot cover ABP-5-S             | For protecting the sensor cables and the sensor slots from contamination                                                                            | <a href="#">43</a> |
| [20] Coupling piece KSG             | To compensate for radial deviations                                                                                                                 | <a href="#">41</a> |
| [21] Self-aligning rod coupler CRFK | <ul style="list-style-type: none"> <li>• To compensate for radial and angular deviations</li> <li>• High corrosion protection</li> </ul>            | <a href="#">41</a> |
| [21] Self-aligning rod coupler FK   | To compensate for radial and angular deviations                                                                                                     | <a href="#">40</a> |
| [22] Rod clevis CRSG                | <ul style="list-style-type: none"> <li>• Permits a swivelling movement of the cylinder in one plane</li> <li>• High corrosion protection</li> </ul> | <a href="#">41</a> |
| [22] Rod clevis SG                  | Permits a swivelling movement of the cylinder in one plane                                                                                          | <a href="#">40</a> |
| [23] Rod eye CRSGS                  | <ul style="list-style-type: none"> <li>• With spherical bearing</li> <li>• High corrosion protection</li> </ul>                                     | <a href="#">41</a> |
| [23] Rod eye SGS                    | With spherical bearing                                                                                                                              | <a href="#">40</a> |
| [24] Right angle clevis foot LQG    | -                                                                                                                                                   | <a href="#">39</a> |
| [25] Rod clevis SGA                 | With male thread                                                                                                                                    | <a href="#">40</a> |

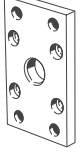
## Accessories

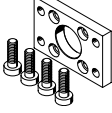
| Foot mounting HUA                                                                 |                    |                   |                |          |           |
|-----------------------------------------------------------------------------------|--------------------|-------------------|----------------|----------|-----------|
|                                                                                   | Description        | Material mounting | Product weight | Part no. | Type      |
|  | For diameter 12/16 | Steel, Galvanised | 45 g           | 157309   | HUA-12/16 |
|                                                                                   | For Ø 20           |                   | 88 g           | 157310   | HUA-20    |
|                                                                                   | For Ø 25           |                   | 94 g           | 157311   | HUA-25    |
|                                                                                   | For Ø 32           |                   | 171 g          | 157312   | HUA-32    |
|                                                                                   | For Ø 40           |                   | 220 g          | 157313   | HUA-40    |
|                                                                                   | For Ø 50           |                   | 344 g          | 157314   | HUA-50    |
|                                                                                   | For Ø 63           |                   | 581 g          | 157315   | HUA-63    |
|                                                                                   | For Ø 80           |                   | 878 g          | 157316   | HUA-80    |
|                                                                                   | For Ø 100          |                   | 1,117 g        | 157317   | HUA-100   |

| Foot mounting HUA-...-R3                                                          |                    |                                |                |          |              |
|-----------------------------------------------------------------------------------|--------------------|--------------------------------|----------------|----------|--------------|
|                                                                                   | Description        | Material mounting              | Product weight | Part no. | Type         |
|  | For diameter 12/16 | Steel, With protective coating | 45 g           | 176873   | HUA-12/16-R3 |
|                                                                                   | For Ø 20           |                                | 70 g           | 176874   | HUA-20-R3    |
|                                                                                   | For Ø 25           |                                | 76 g           | 176875   | HUA-25-R3    |
|                                                                                   | For Ø 32           |                                | 175 g          | 176876   | HUA-32-R3    |
|                                                                                   | For Ø 40           |                                | 224 g          | 176877   | HUA-40-R3    |
|                                                                                   | For Ø 50           |                                | 352 g          | 176878   | HUA-50-R3    |
|                                                                                   | For Ø 63           |                                | 593 g          | 176879   | HUA-63-R3    |
|                                                                                   | For Ø 80           |                                | 902 g          | 176880   | HUA-80-R3    |
|                                                                                   | For Ø 100          |                                | 1,128 g        | 176881   | HUA-100-R3   |

| Foot mounting HNC                                                                   |             |                   |                |          |         |
|-------------------------------------------------------------------------------------|-------------|-------------------|----------------|----------|---------|
|                                                                                     | Description | Material mounting | Product weight | Part no. | Type    |
|  | For Ø 125   | Steel, Galvanised | 1,902 g        | ★ 174375 | HNC-125 |

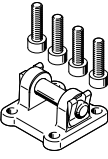
| Foot mounting CRHNC                                                                 |             |                            |                |          |           |
|-------------------------------------------------------------------------------------|-------------|----------------------------|----------------|----------|-----------|
|                                                                                     | Description | Material mounting          | Product weight | Part no. | Type      |
|  | For Ø 125   | High-alloy stainless steel | 1,920 g        | 176943   | CRHNC-125 |

| Flange mounting FUA                                                                 |                    |                         |                |          |           |
|-------------------------------------------------------------------------------------|--------------------|-------------------------|----------------|----------|-----------|
|                                                                                     | Description        | Material mounting       | Product weight | Part no. | Type      |
|  | For diameter 12/16 | Wrought aluminium alloy | 48 g           | 157299   | FUA-12/16 |
|                                                                                     | For Ø 20           |                         | 77 g           | 157300   | FUA-20    |
|                                                                                     | For Ø 25           |                         | 91 g           | 157301   | FUA-25    |
|                                                                                     | For Ø 32           |                         | 290 g          | 157302   | FUA-32    |
|                                                                                     | For Ø 40           |                         | 449 g          | 157303   | FUA-40    |
|                                                                                     | For Ø 50           |                         | 658 g          | 157304   | FUA-50    |
|                                                                                     | For Ø 63           |                         | 1,277 g        | 157305   | FUA-63    |
|                                                                                     | For Ø 80           |                         | 1,910 g        | 157306   | FUA-80    |
|                                                                                     | For Ø 100          |                         | 2,716 g        | 157307   | FUA-100   |

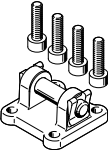
| Flange mounting FNC                                                                 |             |                   |                |          |         |
|-------------------------------------------------------------------------------------|-------------|-------------------|----------------|----------|---------|
|                                                                                     | Description | Material mounting | Product weight | Part no. | Type    |
|  | For Ø 125   | Steel, Galvanised | 3,775 g        | 174382   | FNC-125 |

## Accessories

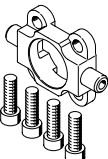
## Swivel flange SUA

|                                                                                  | Description        | Material mounting       | Product weight | Part no. | Type      |
|----------------------------------------------------------------------------------|--------------------|-------------------------|----------------|----------|-----------|
|  | For diameter 12/16 | Wrought aluminium alloy | 22 g           | 157319   | SUA-12/16 |
|                                                                                  | For Ø 20           |                         | 41 g           | 157320   | SUA-20    |
|                                                                                  | For Ø 25           |                         | 45 g           | 157321   | SUA-25    |
|                                                                                  | For Ø 32           |                         | 138 g          | 157322   | SUA-32    |
|                                                                                  | For Ø 40           |                         | 199 g          | 157323   | SUA-40    |
|                                                                                  | For Ø 50           |                         | 288 g          | 157324   | SUA-50    |
|                                                                                  | For Ø 63           |                         | 531 g          | 157325   | SUA-63    |
|                                                                                  | For Ø 80           |                         | 764 g          | 157326   | SUA-80    |
|                                                                                  | For Ø 100          |                         | 1,285 g        | 157327   | SUA-100   |

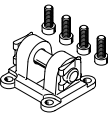
## Swivel flange SUA-...-R3

|                                                                                  | Description | Material mounting                                | Product weight | Part no. | Type       |
|----------------------------------------------------------------------------------|-------------|--------------------------------------------------|----------------|----------|------------|
|  | For Ø 20    | Wrought aluminium alloy, With protective coating | 41 g           | 176884   | SUA-20-R3  |
|                                                                                  | For Ø 25    |                                                  | 45 g           | 176885   | SUA-25-R3  |
|                                                                                  | For Ø 32    |                                                  | 135 g          | 176886   | SUA-32-R3  |
|                                                                                  | For Ø 40    |                                                  | 195 g          | 176887   | SUA-40-R3  |
|                                                                                  | For Ø 50    |                                                  | 283 g          | 176888   | SUA-50-R3  |
|                                                                                  | For Ø 63    |                                                  | 528 g          | 176889   | SUA-63-R3  |
|                                                                                  | For Ø 80    |                                                  | 772 g          | 176890   | SUA-80-R3  |
|                                                                                  | For Ø 100   |                                                  | 1,236 g        | 176891   | SUA-100-R3 |

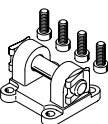
## Trunnion flange ZNCF

|                                                                                    | Description | Material mounting       | Product weight | Part no. | Type     |
|------------------------------------------------------------------------------------|-------------|-------------------------|----------------|----------|----------|
|  | For Ø 125   | Stainless steel casting | 3,484 g        | 174417   | ZNCF-125 |

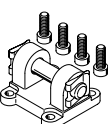
## Swivel flange SNC

|                                                                                    | Description | Material mounting  | Product weight | Part no. | Type    |
|------------------------------------------------------------------------------------|-------------|--------------------|----------------|----------|---------|
|  | For Ø 125   | Die-cast aluminium | 1,732 g        | ★ 174389 | SNC-125 |

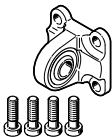
## Swivel flange SNCB

|                                                                                    | Description | Material mounting  | Product weight | Part no. | Type    |
|------------------------------------------------------------------------------------|-------------|--------------------|----------------|----------|---------|
|  | For Ø 32    | Die-cast aluminium | 103 g          | ★ 174390 | SNCB-32 |

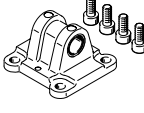
## Swivel flange SNCB-...-R3

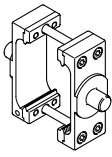
|                                                                                    | Description | Material mounting                           | Product weight | Part no. | Type        |
|------------------------------------------------------------------------------------|-------------|---------------------------------------------|----------------|----------|-------------|
|  | For Ø 125   | Die-cast aluminium, With protective coating | 1,776 g        | 176950   | SNCB-125-R3 |

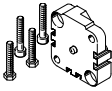
## Accessories

| Swivel flange SNCS                                                                |             |                         |                   |                |          |          |
|-----------------------------------------------------------------------------------|-------------|-------------------------|-------------------|----------------|----------|----------|
|                                                                                   | Description | Material mounting       | Note on materials | Product weight | Part no. | Type     |
|  | For Ø 125   | Wrought aluminium alloy | RoHS-compliant    | 1,369 g        | ★ 174403 | SNCS-125 |

| Swivel flange SNCS-...-R3                                                         |             |                                                  |                |          |             |  |
|-----------------------------------------------------------------------------------|-------------|--------------------------------------------------|----------------|----------|-------------|--|
|                                                                                   | Description | Material mounting                                | Product weight | Part no. | Type        |  |
|  | For Ø 125   | Wrought aluminium alloy, With protective coating | 1,369 g        | 2895926  | SNCS-125-R3 |  |

| Swivel flange SNCL                                                                 |             |                    |                |          |          |  |
|------------------------------------------------------------------------------------|-------------|--------------------|----------------|----------|----------|--|
|                                                                                    | Description | Material mounting  | Product weight | Part no. | Type     |  |
|  | For Ø 32    | Die-cast aluminium | 71 g           | 174404   | SNCL-32  |  |
|                                                                                    | For Ø 40    |                    | 95 g           | 174405   | SNCL-40  |  |
|                                                                                    | For Ø 50    |                    | 158 g          | 174406   | SNCL-50  |  |
|                                                                                    | For Ø 63    |                    | 225 g          | ★ 174407 | SNCL-63  |  |
|                                                                                    | For Ø 80    |                    | 436 g          | 174408   | SNCL-80  |  |
|                                                                                    | For Ø 100   |                    | 606 g          | ★ 174409 | SNCL-100 |  |
|                                                                                    | For Ø 125   |                    | 1,135 g        | 174410   | SNCL-125 |  |

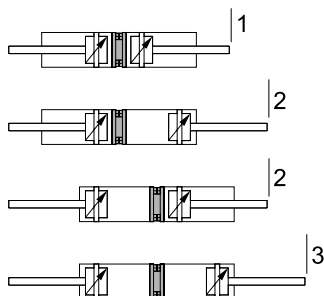
| Trunnion flange kit DAMT                                                            |             |                          |                |          |               |  |
|-------------------------------------------------------------------------------------|-------------|--------------------------|----------------|----------|---------------|--|
|                                                                                     | Description | Material trunnion flange | Product weight | Part no. | Type          |  |
|  | For Ø 125   | Galvanised steel         | 3,013.3 g      | 163531   | DAMT-V7-125-A |  |

| Mounting kit DPVU                                                                   |                    |                         |                |          |            |  |
|-------------------------------------------------------------------------------------|--------------------|-------------------------|----------------|----------|------------|--|
|                                                                                     | Description        | Material flange         | Product weight | Part no. | Type       |  |
|  | For diameter 12/16 | Wrought aluminium alloy | 35 g           | 161194   | DPVU-12/16 |  |
|                                                                                     | For Ø 20           |                         | 54 g           | 161195   | DPVU-20    |  |
|                                                                                     | For Ø 25           |                         | 65 g           | 161196   | DPVU-25    |  |
|                                                                                     | For Ø 32           |                         | 111 g          | 161197   | DPVU-32    |  |
|                                                                                     | For Ø 40           |                         | 155 g          | 161198   | DPVU-40    |  |
|                                                                                     | For Ø 50           |                         | 212 g          | 161199   | DPVU-50    |  |
|                                                                                     | For Ø 63           |                         | 372 g          | 161200   | DPVU-63    |  |
|                                                                                     | For Ø 80           |                         | 580 g          | 161201   | DPVU-80    |  |
|                                                                                     | For Ø 100          |                         | 935 g          | 161202   | DPVU-100   |  |

| Mounting kit DPNC                                                                   |             |                         |                |          |          |  |
|-------------------------------------------------------------------------------------|-------------|-------------------------|----------------|----------|----------|--|
|                                                                                     | Description | Material mounting       | Product weight | Part no. | Type     |  |
|  | For Ø 125   | Wrought aluminium alloy | 5,204 g        | 174424   | DPNC-125 |  |

## Accessories

## Connecting two cylinders with the same piston diameter to form a three- or four-position cylinder



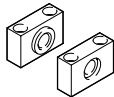
A multi-position cylinder consists of two separate cylinders whose piston rods extend in opposite directions. This means that, depending on actuation and stroke configuration, this type of cylinder can assume up to four positions. In each case the cylinder travels precisely to a stop.

Note that when one end of the piston rod is fixed, the cylinder barrel executes the movement. This means that the connections to the cylinder must be flexible.

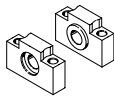
To realise 3 positions, two cylinders with the same stroke length must be connected together

To realise 4 positions, two cylinders with different stroke lengths must be connected together

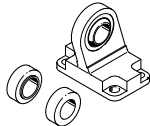
## Trunnion support LNZG

|                                                                                  | Description    | Material mounting       | Product weight | Part no.     | Type                |
|----------------------------------------------------------------------------------|----------------|-------------------------|----------------|--------------|---------------------|
|  | For Ø 100, 125 | Wrought aluminium alloy | 306 g          | <b>32962</b> | <b>LNZG-100/125</b> |

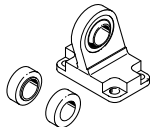
## Trunnion support CRLNZG

|                                                                                    | Description    | Material mounting          | Product weight | Part no.      | Type                  |
|------------------------------------------------------------------------------------|----------------|----------------------------|----------------|---------------|-----------------------|
|  | For Ø 100, 125 | High-alloy stainless steel | 739 g          | <b>161877</b> | <b>CRLNZG-100/125</b> |

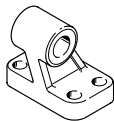
## Clevis foot LBN

|                                                                                    | Description        | Material mounting | Product weight | Part no.      | Type             |
|------------------------------------------------------------------------------------|--------------------|-------------------|----------------|---------------|------------------|
|  | For diameter 12/16 | Steel, Galvanised | 40 g           | ★ <b>6058</b> | <b>LBN-12/16</b> |
|                                                                                    | For diameter 20/25 |                   | 84 g           | ★ <b>6059</b> | <b>LBN-20/25</b> |

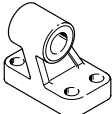
## Clevis foot CRLBN

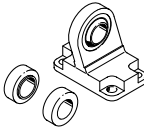
|                                                                                    | Description  | Material mounting          | Product weight | Part no.      | Type               |
|------------------------------------------------------------------------------------|--------------|----------------------------|----------------|---------------|--------------------|
|  | For Ø 12, 16 | High-alloy stainless steel | 39 g           | <b>161862</b> | <b>CRLBN-12/16</b> |
|                                                                                    | for Ø 20, 25 |                            | 82 g           | <b>161863</b> | <b>CRLBN-20/25</b> |

## Clevis foot LN

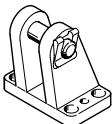
|                                                                                    | Description | Material mounting             | Product weight | Part no.    | Type          |
|------------------------------------------------------------------------------------|-------------|-------------------------------|----------------|-------------|---------------|
|  | For Ø 32    | Tempered steel                | 149 g          | <b>5147</b> | <b>LN-32</b>  |
|                                                                                    | For Ø 40    |                               | 192 g          | <b>5148</b> | <b>LN-40</b>  |
|                                                                                    | For Ø 50    |                               | 323 g          | <b>5149</b> | <b>LN-50</b>  |
|                                                                                    | For Ø 63    | Spheroidal graphite cast iron | 545 g          | <b>5150</b> | <b>LN-63</b>  |
|                                                                                    | For Ø 80    |                               | 877 g          | <b>5151</b> | <b>LN-80</b>  |
|                                                                                    | For Ø 100   |                               | 1,234 g        | <b>5152</b> | <b>LN-100</b> |
|                                                                                    | For Ø 125   |                               | 2,632 g        | <b>9036</b> | <b>LN-125</b> |

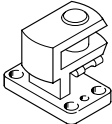
## Accessories

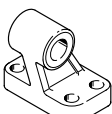
| Clevis foot LNG                                                                   |             |                               |                |          |         |
|-----------------------------------------------------------------------------------|-------------|-------------------------------|----------------|----------|---------|
|                                                                                   | Description | Material mounting             | Product weight | Part no. | Type    |
|  | For Ø 32    | Tempered steel                | 133 g          | ★ 33890  | LNG-32  |
|                                                                                   | For Ø 40    |                               | 161 g          | ★ 33891  | LNG-40  |
|                                                                                   | For Ø 50    |                               | 281 g          | ★ 33892  | LNG-50  |
|                                                                                   | For Ø 63    | Spheroidal graphite cast iron | 486 g          | ★ 33893  | LNG-63  |
|                                                                                   | For Ø 80    |                               | 805 g          | ★ 33894  | LNG-80  |
|                                                                                   | For Ø 100   |                               | 1,141 g        | ★ 33895  | LNG-100 |

| Clevis foot LSN                                                                   |             |                               |                |          |         |
|-----------------------------------------------------------------------------------|-------------|-------------------------------|----------------|----------|---------|
|                                                                                   | Description | Material mounting             | Product weight | Part no. | Type    |
|  | For Ø 32    | High-alloy steel              | 162 g          | 5561     | LSN-32  |
|                                                                                   | For Ø 40    |                               | 219 g          | 5562     | LSN-40  |
|                                                                                   | For Ø 50    |                               | 366 g          | 5563     | LSN-50  |
|                                                                                   | For Ø 63    | Spheroidal graphite cast iron | 471 g          | 5564     | LSN-63  |
|                                                                                   | For Ø 80    |                               | 753 g          | 5565     | LSN-80  |
|                                                                                   | For Ø 100   |                               | 1,169 g        | 5566     | LSN-100 |
|                                                                                   | For Ø 125   |                               | 2,705 g        | 6987     | LSN-125 |

| Clevis foot LSNSG                                                                  |             |                               |                |          |          |
|------------------------------------------------------------------------------------|-------------|-------------------------------|----------------|----------|----------|
|                                                                                    | Description | Material mounting             | Product weight | Part no. | Type     |
|  | For Ø 125   | Spheroidal graphite cast iron | 3,071 g        | 31746    | LSNG-125 |

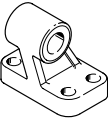
| Clevis foot LBG                                                                     |             |                               |                |          |         |
|-------------------------------------------------------------------------------------|-------------|-------------------------------|----------------|----------|---------|
|                                                                                     | Description | Material mounting             | Product weight | Part no. | Type    |
|  | For Ø 32    | Stainless steel casting       | 220 g          | 31761    | LBG-32  |
|                                                                                     | For Ø 40    |                               | 300 g          | 31762    | LBG-40  |
|                                                                                     | For Ø 50    |                               | 540 g          | 31763    | LBG-50  |
|                                                                                     | For Ø 63    |                               | 580 g          | 31764    | LBG-63  |
|                                                                                     | For Ø 80    | Spheroidal graphite cast iron | 1,050 g        | 31765    | LBG-80  |
|                                                                                     | For Ø 100   |                               | 1,375 g        | 31766    | LBG-100 |
|                                                                                     | For Ø 125   |                               | 4,140 g        | 31767    | LBG-125 |

| Right angle clevis foot LQG                                                         |             |                               |                |          |         |
|-------------------------------------------------------------------------------------|-------------|-------------------------------|----------------|----------|---------|
|                                                                                     | Description | Material mounting             | Product weight | Part no. | Type    |
|  | For Ø 32    | Stainless steel casting       | 301 g          | 31768    | LQG-32  |
|                                                                                     | For Ø 40    |                               | 369 g          | 31769    | LQG-40  |
|                                                                                     | For Ø 50    |                               | 706 g          | 31770    | LQG-50  |
|                                                                                     | For Ø 63    | Spheroidal graphite cast iron | 784 g          | 31771    | LQG-63  |
|                                                                                     | For Ø 80    |                               | 1,126 g        | 31772    | LQG-80  |
|                                                                                     | For Ø 100   |                               | 1,493 g        | 31773    | LQG-100 |
|                                                                                     | For Ø 125   |                               | 3,778 g        | 31774    | LQG-125 |

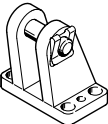
| Clevis foot CRLNG                                                                   |             |                                   |                |          |          |
|-------------------------------------------------------------------------------------|-------------|-----------------------------------|----------------|----------|----------|
|                                                                                     | Description | Material mounting                 | Product weight | Part no. | Type     |
|  | For Ø 32    | Electropolished, High-alloy steel | 133 g          | 161840   | CRLNG-32 |

## Accessories

## Clevis foot CRLNG

|                                                                                  | Description | Material mounting                    | Product weight | Part no. | Type      |
|----------------------------------------------------------------------------------|-------------|--------------------------------------|----------------|----------|-----------|
|  | For Ø 40    | Electropolished,<br>High-alloy steel | 161 g          | 161841   | CRLNG-40  |
|                                                                                  | For Ø 50    |                                      | 281 g          | 161842   | CRLNG-50  |
|                                                                                  | For Ø 63    |                                      | 370 g          | 161843   | CRLNG-63  |
|                                                                                  | For Ø 80    |                                      | 562 g          | 161844   | CRLNG-80  |
|                                                                                  | For Ø 100   |                                      | 915 g          | 161845   | CRLNG-100 |

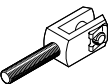
## Clevis foot LBG-R3

|                                                                                  | Description | Material mounting             | Product weight | Part no. | Type       |
|----------------------------------------------------------------------------------|-------------|-------------------------------|----------------|----------|------------|
|  | For Ø 32    | High-alloy stainless<br>steel | 220 g          | 2078790  | LBG-32-R3  |
|                                                                                  | For Ø 40    |                               | 300 g          | 2078792  | LBG-40-R3  |
|                                                                                  | For Ø 50    |                               | 540 g          | 2078794  | LBG-50-R3  |
|                                                                                  | For Ø 63    |                               | 580 g          | 2078795  | LBG-63-R3  |
|                                                                                  | For Ø 80    |                               | 1,050 g        | 2078797  | LBG-80-R3  |
|                                                                                  | For Ø 100   |                               | 1,375 g        | 2078799  | LBG-100-R3 |
|                                                                                  | For Ø 125   |                               | 4,140 g        | 2078837  | LBG-125-R3 |

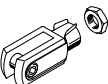
## Rod eye SGS

|                                                                                   | Description         | Material housing | Product weight | Part no. | Type         |
|-----------------------------------------------------------------------------------|---------------------|------------------|----------------|----------|--------------|
|  | For Ø 12            | Galvanised steel | 30 g           | 9254     | SGS-M6       |
|                                                                                   | For Ø 16            |                  | 54 g           | ★ 9255   | SGS-M8       |
|                                                                                   | For Ø 32            |                  | 88 g           | ★ 9261   | SGS-M10X1,25 |
|                                                                                   | For Ø 40            |                  | 130 g          | ★ 9262   | SGS-M12X1,25 |
|                                                                                   | For Ø 50, For Ø 63  |                  | 261 g          | ★ 9263   | SGS-M16X1,5  |
|                                                                                   | For Ø 80, For Ø 100 |                  | 468 g          | ★ 9264   | SGS-M20X1,5  |
|                                                                                   | For Ø 125           |                  | 1,339 g        | 10774    | SGS-M27X2    |

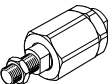
## Rod clevis SGA

|                                                                                    | Description         | Material rod eye  | Product weight | Part no. | Type         |
|------------------------------------------------------------------------------------|---------------------|-------------------|----------------|----------|--------------|
|  | For Ø 32            | Steel, Galvanised | 129 g          | 32954    | SGA-M10X1,25 |
|                                                                                    | For Ø 40            |                   | 222 g          | 10767    | SGA-M12X1,25 |
|                                                                                    | For Ø 50, For Ø 63  |                   | 512 g          | 10768    | SGA-M16X1,5  |
|                                                                                    | For Ø 80, For Ø 100 |                   | 954 g          | 10769    | SGA-M20X1,5  |
|                                                                                    | For Ø 125           |                   | 2,189 g        | 10770    | SGA-M27X2    |

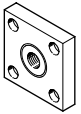
## Rod clevis SG

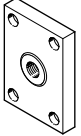
|                                                                                    | Description         | Material clevis   | Product weight | Part no. | Type        |
|------------------------------------------------------------------------------------|---------------------|-------------------|----------------|----------|-------------|
|  | For Ø 12            | Steel, Galvanised | 22 g           | ★ 3110   | SG-M6       |
|                                                                                    | For Ø 16            |                   | 53 g           | ★ 3111   | SG-M8       |
|                                                                                    | For Ø 32            |                   | 103 g          | ★ 6144   | SG-M10X1,25 |
|                                                                                    | For Ø 40            |                   | 166 g          | ★ 6145   | SG-M12X1,25 |
|                                                                                    | For Ø 50, For Ø 63  |                   | 375 g          | ★ 6146   | SG-M16X1,5  |
|                                                                                    | For Ø 80, For Ø 100 |                   | 793 g          | ★ 6147   | SG-M20X1,5  |
|                                                                                    | For Ø 125           |                   | 2,135 g        | 14987    | SG-M27X2-B  |

## Self-aligning rod coupler FK

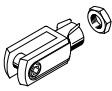
|                                                                                    | Description         | Material housing  | Product weight | Part no. | Type        |
|------------------------------------------------------------------------------------|---------------------|-------------------|----------------|----------|-------------|
|  | For Ø 12            | Steel, Galvanised | 23 g           | ★ 2061   | FK-M6       |
|                                                                                    | For Ø 16            |                   | 50 g           | ★ 2062   | FK-M8       |
|                                                                                    | For Ø 32            |                   | 210 g          | ★ 6140   | FK-M10X1,25 |
|                                                                                    | For Ø 40            |                   | 215 g          | ★ 6141   | FK-M12X1,25 |
|                                                                                    | For Ø 50, For Ø 63  |                   | 650 g          | ★ 6142   | FK-M16X1,5  |
|                                                                                    | For Ø 80, For Ø 100 |                   | 720 g          | ★ 6143   | FK-M20X1,5  |
|                                                                                    | For Ø 125           |                   | 2,100 g        | ★ 10485  | FK-M27X2    |

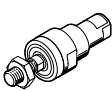
## Accessories

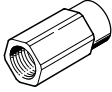
| Coupling piece KSG                                                                |                     |                   |                |          |              |
|-----------------------------------------------------------------------------------|---------------------|-------------------|----------------|----------|--------------|
|                                                                                   | Description         | Material mounting | Product weight | Part no. | Type         |
|  | For Ø 32            | Steel, Galvanised | 229 g          | 32963    | KSG-M10X1,25 |
|                                                                                   | For Ø 40            |                   | 447 g          | 32964    | KSG-M12X1,25 |
|                                                                                   | For Ø 50, For Ø 63  |                   | 882 g          | 32965    | KSG-M16X1,5  |
|                                                                                   | For Ø 80, For Ø 100 |                   | 1,143 g        | 32966    | KSG-M20X1,5  |
|                                                                                   | For Ø 125           |                   | 1,083 g        | 32967    | KSG-M27X2    |

| Coupling piece KSZ                                                                |                     |                   |                |          |              |
|-----------------------------------------------------------------------------------|---------------------|-------------------|----------------|----------|--------------|
|                                                                                   | Description         | Material mounting | Product weight | Part no. | Type         |
|  | For Ø 12            | Steel, Galvanised | 45 g           | 36123    | KSZ-M6       |
|                                                                                   | For Ø 16            |                   | 70 g           | 36124    | KSZ-M8       |
|                                                                                   | For Ø 32            |                   | 110 g          | 36125    | KSZ-M10X1,25 |
|                                                                                   | For Ø 40            |                   | 180 g          | 36126    | KSZ-M12X1,25 |
|                                                                                   | For Ø 50, For Ø 63  |                   | 246 g          | 36127    | KSZ-M16X1,5  |
|                                                                                   | For Ø 80, For Ø 100 |                   | 418 g          | 36128    | KSZ-M20X1,5  |

| Rod eye CRSGS                                                                     |                     |                  |                |          |                |
|-----------------------------------------------------------------------------------|---------------------|------------------|----------------|----------|----------------|
|                                                                                   | Description         | Material housing | Product weight | Part no. | Type           |
|  | For Ø 12            | High-alloy steel | 29 g           | 195580   | CRSGS-M6       |
|                                                                                   | For Ø 16            |                  | 55 g           | 195581   | CRSGS-M8       |
|                                                                                   | For Ø 32            |                  | 87 g           | 195582   | CRSGS-M10X1,25 |
|                                                                                   | For Ø 40            |                  | 129 g          | 195583   | CRSGS-M12X1,25 |
|                                                                                   | For Ø 50, For Ø 63  |                  | 265 g          | 195584   | CRSGS-M16X1,5  |
|                                                                                   | For Ø 80, For Ø 100 |                  | 464 g          | 195585   | CRSGS-M20X1,5  |
|                                                                                   | For Ø 125           |                  | 1,333 g        | 195586   | CRSGS-M27X2    |

| Rod clevis CRSG                                                                     |                     |                 |                |          |               |
|-------------------------------------------------------------------------------------|---------------------|-----------------|----------------|----------|---------------|
|                                                                                     | Description         | Material clevis | Product weight | Part no. | Type          |
|  | For Ø 12            |                 | 22 g           | 13567    | CRSG-M6       |
|                                                                                     | For Ø 16            |                 | 52.2 g         | 13568    | CRSG-M8       |
|                                                                                     | For Ø 32            |                 | 101.8 g        | 13569    | CRSG-M10X1,25 |
|                                                                                     | For Ø 40            |                 | 162.8 g        | 13570    | CRSG-M12X1,25 |
|                                                                                     | For Ø 50, For Ø 63  |                 | 380.2 g        | 13571    | CRSG-M16X1,5  |
|                                                                                     | For Ø 80, For Ø 100 |                 | 757.8 g        | 13572    | CRSG-M20X1,5  |
|                                                                                     | For Ø 125           |                 | 2,022.1 g      | 185361   | CRSG-M27X2    |

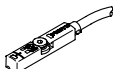
| Self-aligning rod coupler CRFK                                                      |                     |                            |                |          |               |
|-------------------------------------------------------------------------------------|---------------------|----------------------------|----------------|----------|---------------|
|                                                                                     | Description         | Material housing           | Product weight | Part no. | Type          |
|  | For Ø 32            | High-alloy stainless steel | 230 g          | 2305778  | CRFK-M10X1,25 |
|                                                                                     | For Ø 40            |                            |                | 2305779  | CRFK-M12X1,25 |
|                                                                                     | For Ø 50, For Ø 63  |                            | 670 g          | 2490673  | CRFK-M16X1,5  |
|                                                                                     | For Ø 80, For Ø 100 |                            | 1,280 g        | 2545677  | CRFK-M20X1,5  |

| Adapter AD                                                                          |                |                        |          |                 |
|-------------------------------------------------------------------------------------|----------------|------------------------|----------|-----------------|
|                                                                                     | Description    | LABS (PWIS) conformity | Part no. | Type            |
|  | For Ø 12       | VDMA24364-B1/B2-L      | 157329   | AD-M6-1/8       |
|                                                                                     |                |                        | 157330   | AD-M6-1/4       |
|                                                                                     |                |                        | 157328   | AD-M6-M5        |
|                                                                                     | For Ø 16       |                        | 157332   | AD-M8-1/4       |
|                                                                                     |                |                        | 157331   | AD-M8-1/8       |
|                                                                                     | For Ø 20       |                        | 157333   | AD-M10X1,25-1/8 |
|                                                                                     | For Ø 25/32/40 |                        | 157334   | AD-M10X1,25-1/4 |
|                                                                                     | For Ø 50       |                        | 160256   | AD-M12X1,25-1/4 |
|                                                                                     | For Ø 63       |                        | 160257   | AD-M12X1,25-3/8 |

## Accessories

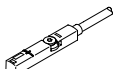
## Proximity switch SMT for T-slot, magneto-resistive

Link [smt](#)

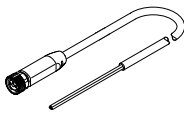
|                                                                                  | Type of mounting                                 | Switching output       | Electrical connection | Cable length | Part no. | Type                      |
|----------------------------------------------------------------------------------|--------------------------------------------------|------------------------|-----------------------|--------------|----------|---------------------------|
|  | Screw-clamped, Insertable in the slot from above | 3-wire NPN N/O contact | Open end              | 2.5 m        | ★ 574338 | SMT-8M-A-NS-24V-E-2,5-OE  |
|                                                                                  |                                                  |                        | Plug M8, A-coded      | 0.3 m        | 574339   | SMT-8M-A-NS-24V-E-0,3-M8D |
|                                                                                  |                                                  | 3-wire PNP N/C contact | Open end              | 7.5 m        | 574340   | SMT-8M-A-PO-24V-E-7,5-OE  |
|                                                                                  |                                                  |                        |                       | 2.5 m        | ★ 574335 | SMT-8M-A-PS-24V-E-2,5-OE  |
|                                                                                  |                                                  | 3-wire PNP N/O contact | Plug M8, A-coded      | 0.3 m        | ★ 574334 | SMT-8M-A-PS-24V-E-0,3-M8D |
|                                                                                  |                                                  |                        | Plug M12, A-coded     |              | ★ 574337 | SMT-8M-A-PS-24V-E-0,3-M12 |

## Proximity switch SME for T-slot, magnetic, reed

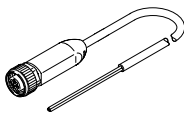
Link [sme](#)

|                                                                                  | Type of mounting                                 | Switching output       | Electrical connection | Cable length | Part no. | Type                    |
|----------------------------------------------------------------------------------|--------------------------------------------------|------------------------|-----------------------|--------------|----------|-------------------------|
|  | Screw-clamped, Insertable in the slot from above | 3-wire N/C contact     | Open end              | 7.5 m        | 546799   | SME-8M-DO-24V-K-7,5-OE  |
|                                                                                  |                                                  |                        |                       | 2.5 m        | 543862   | SME-8M-DS-24V-K-2,5-OE  |
|                                                                                  |                                                  | 3-wire N/O contact     | Open end              | 5 m          | 543863   | SME-8M-DS-24V-K-5,0-OE  |
|                                                                                  |                                                  |                        |                       | 0.3 m        | 543861   | SME-8M-DS-24V-K-0,3-M8D |
|                                                                                  |                                                  | 2-wire PNP N/O contact | Open end              | 2.5 m        | 543872   | SME-8M-ZS-24V-K-2,5-OE  |

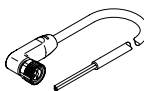
## Connecting cables NEBA, straight, M8 connection

|                                                                                    | Electrical connection 1, connector system | Electrical connection 2, connector system | Electrical connection 2, number of connections/cores | Cable length | Part no.  | Type                  |
|------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|------------------------------------------------------|--------------|-----------|-----------------------|
|  | M8x1, A-coded, to EN 61076-2-104          | Open end                                  | 3                                                    | 2.5 m        | ★ 8078223 | NEBA-M8G3-U-2.5-N-LE3 |
|                                                                                    |                                           |                                           |                                                      | 5 m          | ★ 8078224 | NEBA-M8G3-U-5-N-LE3   |

## Connecting cables NEBA, straight, M12 connection

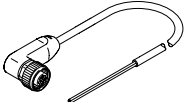
|                                                                                    | Electrical connection 1, connector system | Electrical connection 2, connector system | Electrical connection 2, number of connections/cores | Cable length | Part no. | Type                   |
|------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|------------------------------------------------------|--------------|----------|------------------------|
|  | M12x1, A-coded to EN 61076-2-101          | Open end                                  | 3                                                    | 2.5 m        | 8078236  | NEBA-M12G5-U-2.5-N-LE3 |
|                                                                                    |                                           |                                           |                                                      | 5 m          | 8078237  | NEBA-M12G5-U-5-N-LE3   |

## Connecting cables NEBA, angled, M8 connection

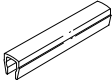
|                                                                                    | Electrical connection 1, connector system | Electrical connection 2, connector system | Electrical connection 2, number of connections/cores | Cable length | Part no.  | Type                  |
|------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|------------------------------------------------------|--------------|-----------|-----------------------|
|  | M8x1, A-coded, to EN 61076-2-104          | Open end                                  | 3                                                    | 2.5 m        | ★ 8078230 | NEBA-M8W3-U-2.5-N-LE3 |
|                                                                                    |                                           |                                           |                                                      | 5 m          | ★ 8078231 | NEBA-M8W3-U-5-N-LE3   |

## Accessories

## Connecting cables NEBA, angled, M12 connection

|                                                                                   | Electrical connection 1, connector system | Electrical connection 2, connector system | Electrical connection 2, number of connections/cores | Cable length | Part no. | Type                   |
|-----------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|------------------------------------------------------|--------------|----------|------------------------|
|  | M12x1, A-coded to EN 61076-2-101          | Open end                                  | 3                                                    | 2.5 m        | 8078245  | NEBA-M12W5-U-2.5-N-LE3 |
|                                                                                   |                                           |                                           |                                                      | 5 m          | 8078246  | NEBA-M12W5-U-5-N-LE3   |

## Slot cover ABP for T-slot

|                                                                                   | Description                       | Packaging quantity [pieces] | Part no. | Type    |
|-----------------------------------------------------------------------------------|-----------------------------------|-----------------------------|----------|---------|
|  | Length 0.5 m, Inserted from above | 2                           | 151680   | ABP-5-S |