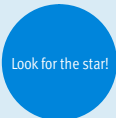


# Semi-rotary drives DRVS



|            |                                                                 |                                                                                                                                     |
|------------|-----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| ★ / ☆      | Festo core product range<br>Covers 80% of your automation tasks | ★ Ready for dispatch from the Festo factory in 24 hours<br>Held in stock in 13 service centres worldwide<br>More than 2200 products |
| Worldwide: | Always in stock                                                 | ★ Ready for dispatch in 5 days maximum from stock                                                                                   |
| Superb:    | Festo quality at an attractive price                            | Assembled for you in 4 service centres worldwide                                                                                    |
| Easy:      | Reduces procurement and storing complexity                      | Up to 6 x 10 <sup>12</sup> variants per product series                                                                              |



## Semi-rotary drives DRVS

Key features

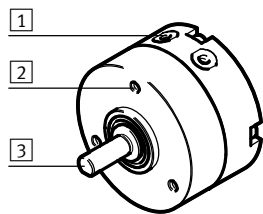
### Key features at a glance

- Double-acting semi-rotary drive with rotary vanes
- Lighter than other semi-rotary drives
- Modern and compact design
- Fixed swivel angle
- Swivel angle can be adjusted with the help of accessories
- Housing protected against splash water and dust
- No metal fixed stop

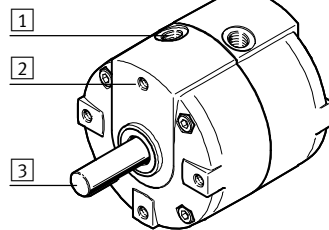
### The technology in detail

Semi-rotary drive DRVS

Size 6, 8



Size 12 ... 40



- 1 Pneumatic connection
- 2 Mounting thread
- 3 Output shaft:  
Size 6 ... 16: with flat  
Size 25 ... 40: with feather key

### Position sensor SRBS

The position sensor is used for sensing the end positions.

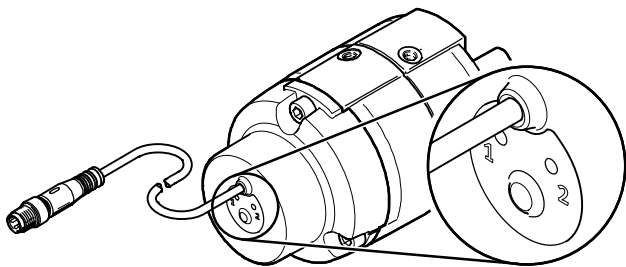
Sensing is performed magnetically and without contact. Two switching points are output.

### Key features:

- Quick installation
- Simple and reliable operation using one button
- The end positions of the swivel angle are taught in at the touch of a button
- Only one connecting cable required
- Long service life thanks to sturdy and non-contacting position sensing

### Technical data:

- Sensing range: 0 ... 270°
- Repetition accuracy:  $\leq 1^\circ$
- 2 switching outputs (24 V)
- Switching output:  
PNP or NPN programmable
- Switching element function:  
N/O contact or N/C contact programmable



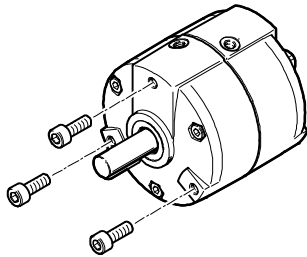
# Semi-rotary drives DRVS

Type codes

## Mounting options

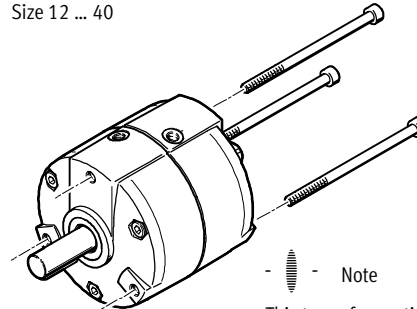
Via internal thread

Size 6 ... 40



With through-hole

Size 12 ... 40

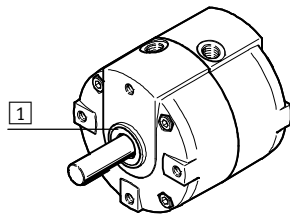


- - Note

This type of mounting is not permissible in combination with accessories.

## Centring via centring collar

Size 6 ... 40



1 Centring collar

## Type codes

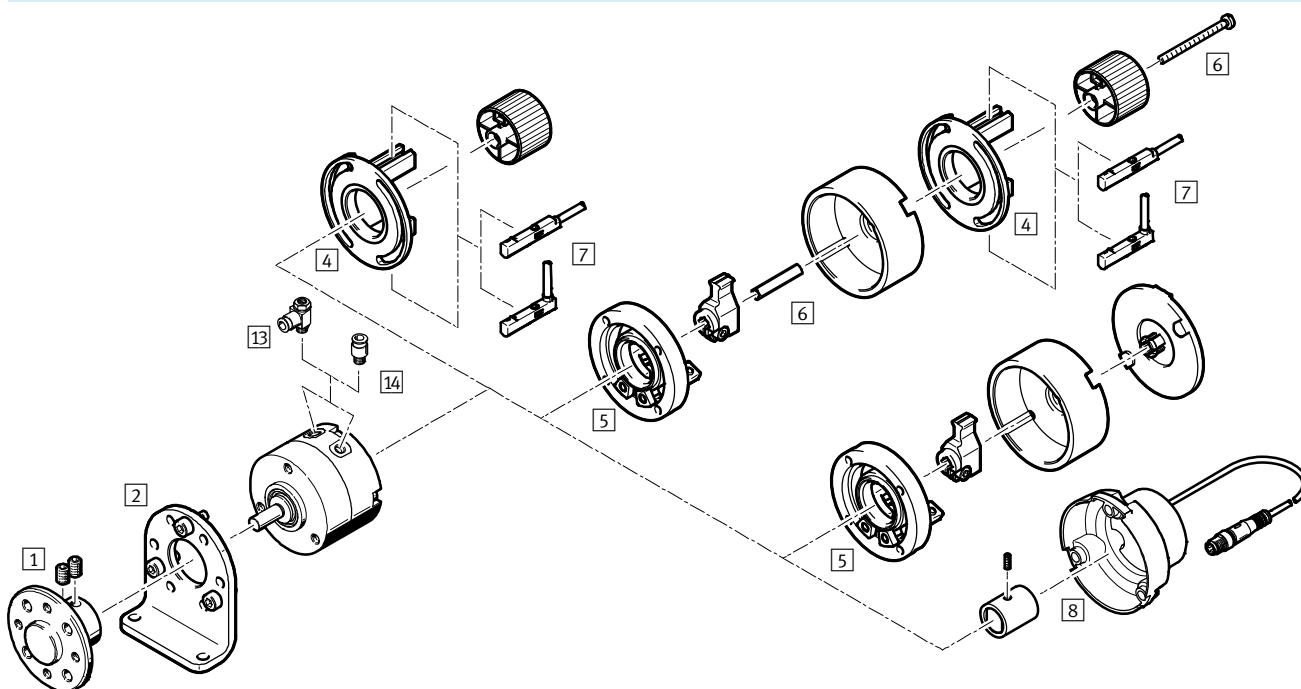
|                         |                                 |      |   |    |   |     |   |   |   |  |
|-------------------------|---------------------------------|------|---|----|---|-----|---|---|---|--|
|                         |                                 | DRVS | - | 12 | - | 180 | - | P | - |  |
| <b>Type</b>             |                                 |      |   |    |   |     |   |   |   |  |
| Double-acting           |                                 |      |   |    |   |     |   |   |   |  |
| DRVS                    | Semi-rotary drive               |      |   |    |   |     |   |   |   |  |
| <b>Size [mm]</b>        |                                 |      |   |    |   |     |   |   |   |  |
| <b>Swivel angle [°]</b> |                                 |      |   |    |   |     |   |   |   |  |
| <b>Cushioning</b>       |                                 |      |   |    |   |     |   |   |   |  |
| P                       | Elastic cushioning at both ends |      |   |    |   |     |   |   |   |  |
| <b>EU certification</b> |                                 |      |   |    |   |     |   |   |   |  |
| EX4                     | II 2GD                          |      |   |    |   |     |   |   |   |  |

## Semi-rotary drives DRVS

Peripherals overview

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Size 6 and 8

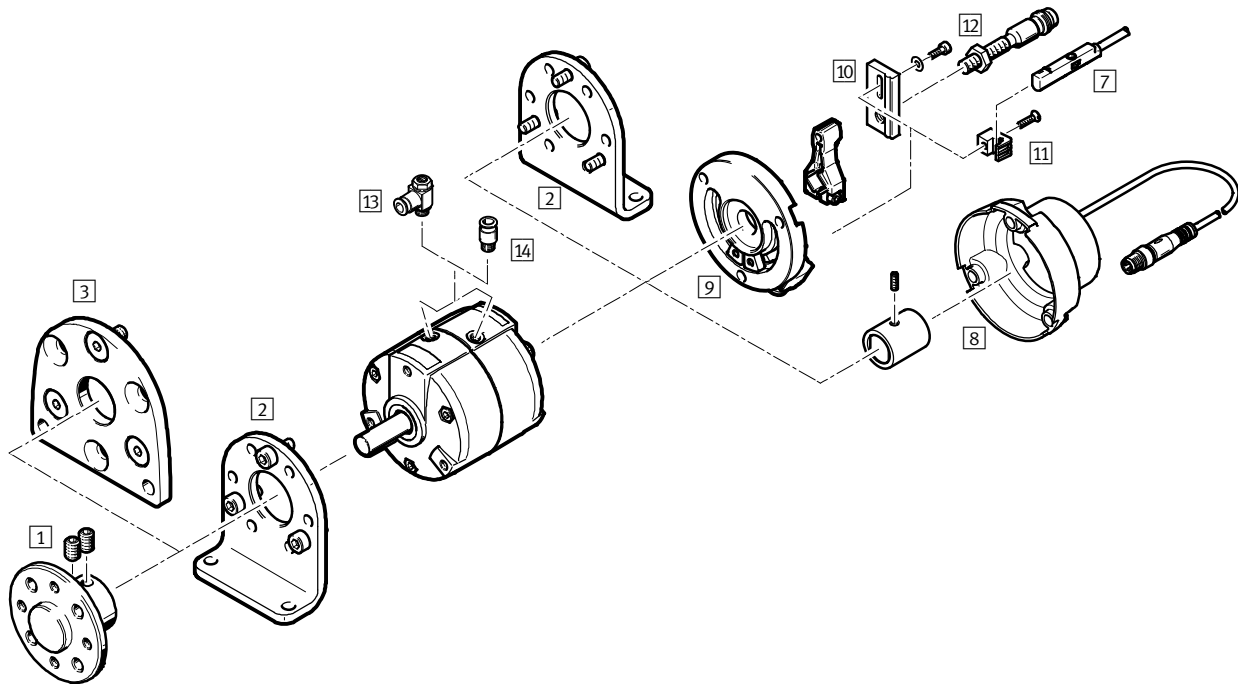


| Accessories                                  | Description                                                                                                                                                                                                                                                                                                                                                   | → Page/<br>Internet |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| <b>1</b> Push-on flange<br>FWSR/DARF         | For mounting attachments                                                                                                                                                                                                                                                                                                                                      | 17                  |
| <b>2</b> Foot mounting<br>DAMH               | <ul style="list-style-type: none"> <li>For mounting the semi-rotary drive</li> <li>Front mounting only</li> </ul>                                                                                                                                                                                                                                             | 14                  |
| <b>4</b> Mounting kit<br>WSM-...-SME-10      | <ul style="list-style-type: none"> <li>For sensing the swivel angle</li> <li>For mounting the proximity sensor SME-/SMT-10</li> <li>Must be ordered separately as an accessory</li> <li>Can be combined with stop kit KSM</li> <li>The adapter kit DADP-AK must also be ordered in combination with stop kit KSM → Page 18</li> </ul>                         | 18                  |
| <b>5</b> Stop kit<br>KSM                     | <ul style="list-style-type: none"> <li>For adjusting the swivel angle</li> <li>Must be ordered separately as an accessory</li> <li>Can be combined with mounting kit WSM</li> <li>The adapter kit DADP-AK must also be ordered in combination with mounting kit WSM → Page 18</li> </ul>                                                                      | 18                  |
| <b>6</b> Adapter kit<br>DADP-AK              | For attaching mounting kit WSM to stop kit KSM                                                                                                                                                                                                                                                                                                                | 18                  |
| <b>7</b> Proximity sensor<br>SME/SMT-10      | For sensing the end position                                                                                                                                                                                                                                                                                                                                  | 22                  |
| <b>8</b> Position sensor<br>SRBS             | <ul style="list-style-type: none"> <li>For sensing the swivel angle</li> <li>Can only be mounted directly on the swivel module, without other accessories</li> <li>Must be ordered separately as an accessory</li> <li>The scope of delivery of the position sensor includes a magnet, which must be mounted on the shaft of the semi-rotary drive</li> </ul> | 19                  |
| <b>13</b> One-way flow control valve<br>GRLA | For speed regulation                                                                                                                                                                                                                                                                                                                                          | 23                  |
| <b>14</b> Push-in fitting<br>QS              | For connecting compressed air tubing with standard O.D.                                                                                                                                                                                                                                                                                                       | qs                  |

# Semi-rotary drives DRVS

Peripherals overview

Size 12 ... 40



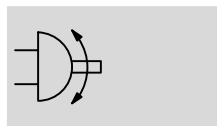
| Accessories                                  | Description                                                                                                                                                                                                                                                                                                                                                   | → Page/<br>Internet |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| <b>1</b> Push-on flange<br>DARF              | For mounting attachments                                                                                                                                                                                                                                                                                                                                      | 17                  |
| <b>2</b> Foot mounting<br>DAMH               | <ul style="list-style-type: none"> <li>For mounting the semi-rotary drive</li> <li>Mounting at one or both ends</li> </ul>                                                                                                                                                                                                                                    | 14                  |
| <b>3</b> Flange mounting<br>DAMF             | For mounting the semi-rotary drive on the front side using two mounting holes                                                                                                                                                                                                                                                                                 | 16                  |
| <b>7</b> Proximity sensor<br>SME/SMT-10      | For sensing the end position                                                                                                                                                                                                                                                                                                                                  | 22                  |
| <b>8</b> Position sensor<br>SRBS             | <ul style="list-style-type: none"> <li>For sensing the swivel angle</li> <li>Can only be mounted directly on the swivel module, without other accessories</li> <li>Must be ordered separately as an accessory</li> <li>The scope of delivery of the position sensor includes a magnet, which must be mounted on the shaft of the semi-rotary drive</li> </ul> | 19                  |
| <b>9</b> Stop kit<br>DADP-ES                 | <ul style="list-style-type: none"> <li>For adjusting the swivel angle</li> <li>Must be ordered separately as an accessory</li> </ul>                                                                                                                                                                                                                          | 20                  |
| <b>10</b> Sensor bracket<br>SL-DSM-S         | For mounting the round inductive proximity sensor SIEN                                                                                                                                                                                                                                                                                                        | 22                  |
| <b>11</b> Sensor bracket<br>SL-DSM-B         | For mounting the proximity sensor SME/SMT-10                                                                                                                                                                                                                                                                                                                  | 22                  |
| <b>12</b> Proximity sensor<br>SIEN           | For sensing the end position                                                                                                                                                                                                                                                                                                                                  | 23                  |
| <b>13</b> One-way flow control valve<br>GRLA | For speed regulation                                                                                                                                                                                                                                                                                                                                          | 23                  |
| <b>14</b> Push-in fitting<br>QS              | For connecting compressed air tubing with standard O.D.                                                                                                                                                                                                                                                                                                       | qs                  |

## Semi-rotary drives DRVS

Technical data

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### Function



 Size  
6 ... 40



| General technical data               |                                 |   |              |    |    |      |    |
|--------------------------------------|---------------------------------|---|--------------|----|----|------|----|
| Size                                 | 6                               | 8 | 12           | 16 | 25 | 32   | 40 |
| Pneumatic connection                 | M3                              |   | M5           |    |    | G1/8 |    |
| Design                               | Rotary vane                     |   |              |    |    |      |    |
| Cushioning                           | Elastic cushioning at both ends |   |              |    |    |      |    |
| Type of mounting                     | Via female thread               |   |              |    |    |      |    |
| Mounting position                    | Any                             |   |              |    |    |      |    |
| Swivel angle [°]                     | 90, 180                         |   | 90, 180, 270 |    |    |      |    |
| Swivel angle with stop kit KSM, DADP | ➔ Page 20                       |   |              |    |    |      |    |
| Cushioning angle [°]                 | 0.5                             |   |              |    |    |      |    |
| Repetition accuracy [°]              | 1                               |   |              |    |    |      |    |
| Swivel frequency at 6 bar            |                                 |   |              |    |    |      |    |
| Swivel angle 90°, 180° [Hz]          | 3                               |   |              |    |    |      |    |
| Swivel angle 270° [Hz]               | –                               |   | 2            |    |    |      |    |

| Operating and environmental conditions       |                                                                                            |   |           |    |         |    |    |
|----------------------------------------------|--------------------------------------------------------------------------------------------|---|-----------|----|---------|----|----|
| Size                                         | 6                                                                                          | 8 | 12        | 16 | 25      | 32 | 40 |
| Operating medium                             | Compressed air to ISO 8573-1:2010 [7:4:4]                                                  |   |           |    |         |    |    |
| Note on operating/pilot medium               | Lubricated operation possible (in which case lubricated operation will always be required) |   |           |    |         |    |    |
| Operating pressure [bar]                     | 3.5 ... 8                                                                                  |   | 2.5 ... 8 |    | 2 ... 8 |    |    |
| Ambient temperature <sup>1)</sup> [°C]       | 0 ... +60                                                                                  |   |           |    |         |    |    |
| Storage temperature [°C]                     | 20                                                                                         |   |           |    |         |    |    |
| Corrosion resistance class CRC <sup>2)</sup> | 1                                                                                          |   |           |    |         |    |    |

1) Note operating range of proximity sensors.

2) Corrosion resistance class CRC 1 to Festo standard FN 940070

Low corrosion stress. For dry indoor applications or transport and storage protection. Also applies to parts behind covers, in the non-visible interior area, and parts which are covered in the application (e.g. drive trunnions).

| ATEX <sup>1)</sup>                         |                                                 |
|--------------------------------------------|-------------------------------------------------|
| ATEX category for gas                      | II 2G                                           |
| Type of ignition protection for gas        | c T4 X                                          |
| ATEX category for dust                     | II 2D                                           |
| Type of ignition protection for dust       | c T120°C X                                      |
| Explosion-proof temperature [°C]           | 0 °C ≤ Ta ≤ +60 °C                              |
| CE marking (see declaration of conformity) | As per EU Explosion Protection Directive (ATEX) |

1) Note the ATEX certification of the accessories.

# Semi-rotary drives DRVS

Technical data

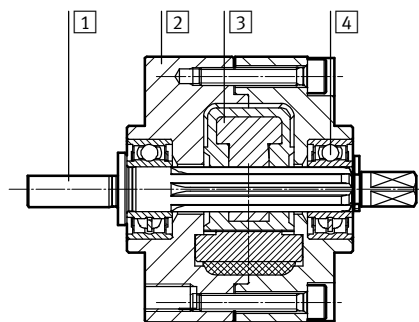
**FESTO**

| Weight [g]           |    |    |     |     |     |     |      |
|----------------------|----|----|-----|-----|-----|-----|------|
| Size                 | 6  | 8  | 12  | 16  | 25  | 32  | 40   |
| Swivel angle of 90°  | 38 | 68 | 154 | 272 | 502 | 928 | 1530 |
| Swivel angle of 180° | 38 | 68 | 152 | 270 | 494 | 912 | 1500 |
| Swivel angle of 270° | –  | –  | 150 | 268 | 486 | 896 | 1470 |

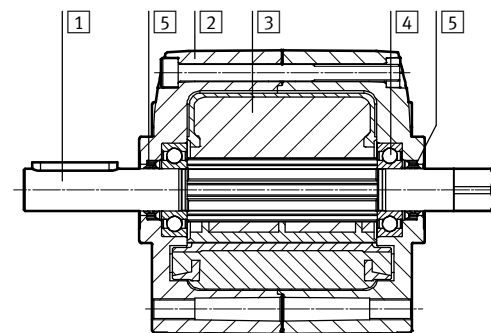
## Materials

Sectional view

DRVS-6/8



DRVS-12 ... 40

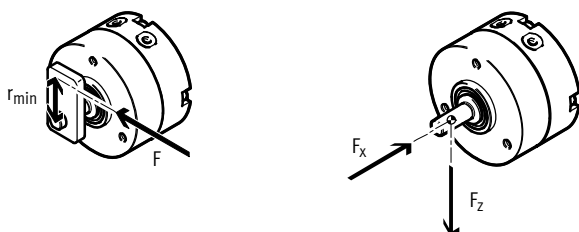


| Size              | 6                                | 8 | 12                         | 16 | 25                  | 32 | 40  |
|-------------------|----------------------------------|---|----------------------------|----|---------------------|----|-----|
| 1 Drive shaft     | High-alloy stainless steel       |   |                            |    | Nickel-plated steel |    |     |
| 2 Housing         | Anodised wrought aluminium alloy |   | Painted die-cast aluminium |    |                     |    |     |
| 3 Rotary vane     | Reinforced PET                   |   |                            |    |                     |    |     |
| 4 Ball bearing    | Rolled steel                     |   |                            |    |                     |    |     |
| 5 Shaft seal      | –                                |   |                            | PU |                     |    | NBR |
| – Screws          | Galvanised steel                 |   |                            |    |                     |    |     |
| Seals             | TPE-U(PU)                        |   |                            |    |                     |    |     |
| Note on materials | RoHS-compliant                   |   |                            |    |                     |    |     |

## Forces and torques

| Size                                                                    | 6     | 8     | 12    | 16   | 25   | 32   | 40   |
|-------------------------------------------------------------------------|-------|-------|-------|------|------|------|------|
| Theoretical torque                                                      |       |       |       |      |      |      |      |
| At 6 bar [Nm]                                                           | 0.15  | 0.35  | 1     | 2    | 5    | 10   | 20   |
| Per bar [Nm]                                                            | 0.025 | 0.058 | 0.166 | 0.33 | 0.83 | 1.66 | 3.33 |
| Perm. stop radius r [mm]                                                | 10    | 10    | 15    | 17   | 21   | 28   | 40   |
| Perm. stop force F [N]                                                  | 15    | 30    | 90    | 160  | 320  | 480  | 650  |
| Max. perm. dyn. axial force $F_x^{1)}$ [N]                              | 10    | 10    | 20    | 25   | 40   | 75   | 120  |
| Max. perm. dyn. radial force $F_z^{1)}$ [N]                             | 15    | 20    | 25    | 30   | 60   | 200  | 350  |
| Max. perm. mass moment of inertia [kgm <sup>2</sup> x10 <sup>-4</sup> ] | 6.5   | 13    | 50    | 100  | 120  | 200  | 350  |

1) The axis of rotation and the centre of the drive shaft are the point of reference for the forces.



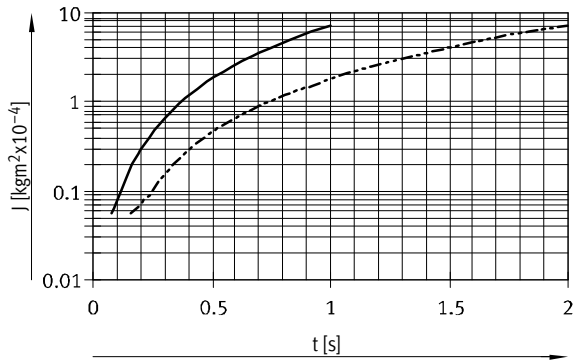
## Semi-rotary drives DRVS

Technical data

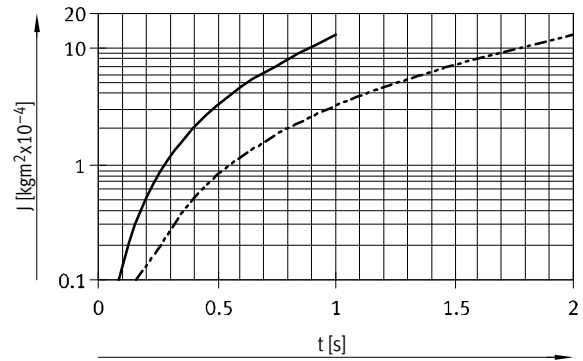
**FESTO**

Mass moment of inertia  $J$  as a function of swivel time  $t$

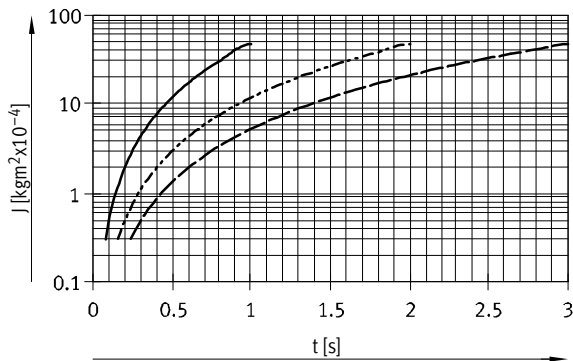
Size 6



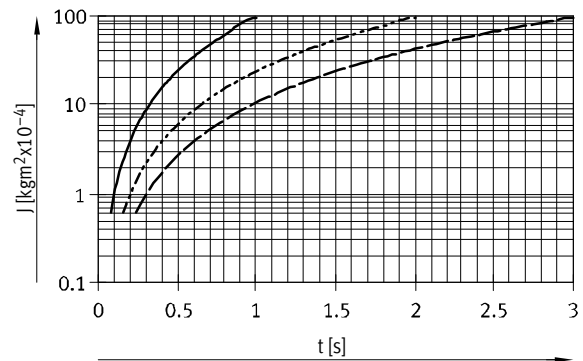
Size 8



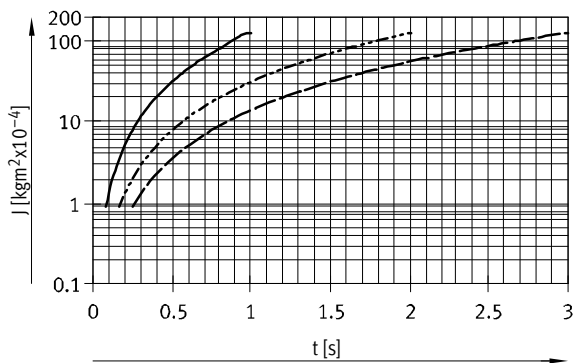
Size 12



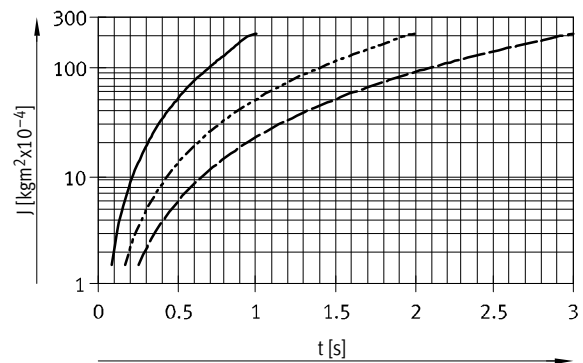
Size 16



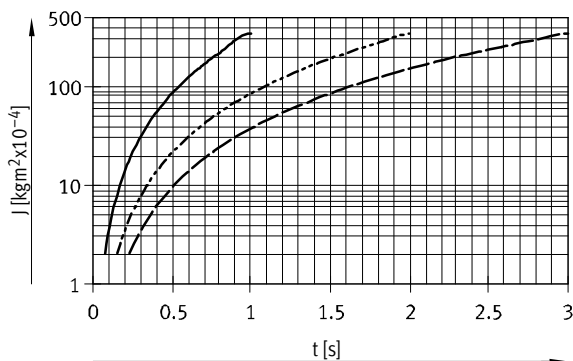
Size 25



Size 32



Size 40



—  $90^\circ$   
 - - -  $180^\circ$   
 - · -  $270^\circ$

# Semi-rotary drives DRVS

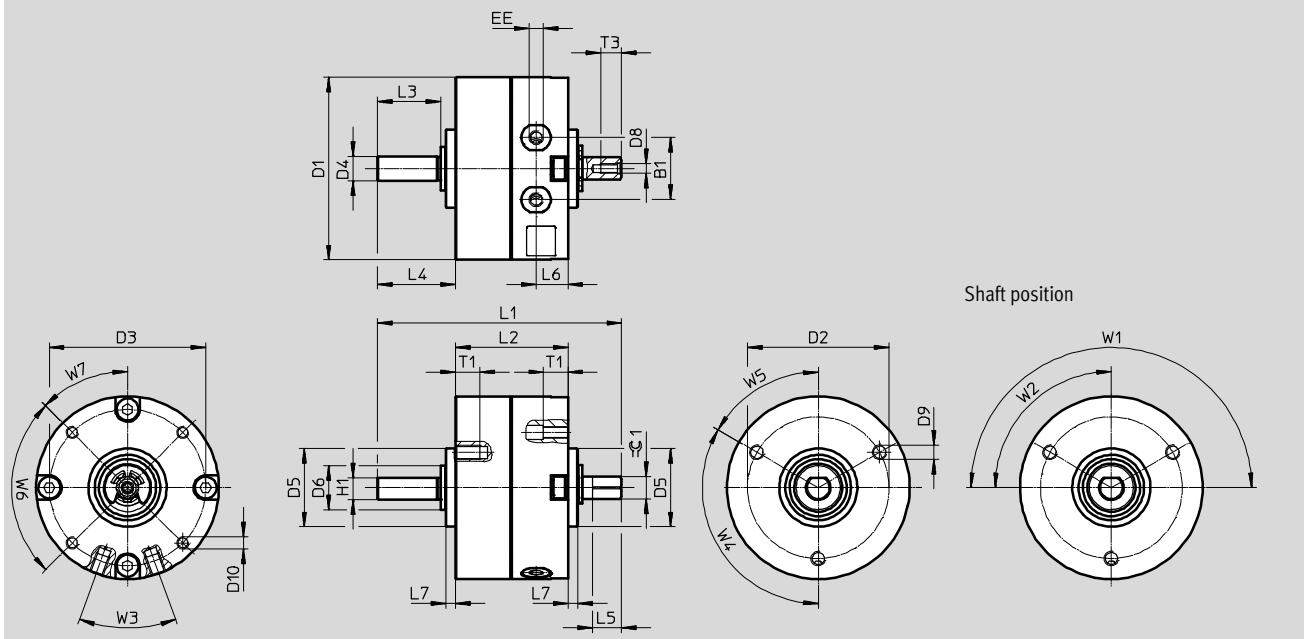
Technical data

**FESTO**

## Dimensions

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

Size 6/8



| Size | B1   | D1<br>Ø<br>±0.2 | D2<br>Ø<br>±0.1 | D3<br>Ø<br>±0.1 | D4<br>Ø<br>g7 | D5<br>Ø<br>F8 | D6<br>Ø | D8 | D9 |
|------|------|-----------------|-----------------|-----------------|---------------|---------------|---------|----|----|
| 6    | 10   | 29.4            | 24              | 25              | 4             | 14            | 8       | M2 | M3 |
| 8    | 12.8 | 37.4            | 29              | 32              | 5             | 16            | 9       | M2 | M3 |

| Size | D10  | EE | H1<br>-0.2 | L1 | L2 | L3 | L4 | L5<br>-0.2 | L6  | L7 |
|------|------|----|------------|----|----|----|----|------------|-----|----|
| 6    | M2   | M3 | 3.5        | 43 | 21 | 10 | 13 | 5          | 6   | 2  |
| 8    | M2.5 | M3 | 4.5        | 50 | 23 | 13 | 16 | 6          | 6.5 | 2  |

| Size | T1<br>+0.5 | T3<br>+0.5 | W1<br>+5° | W2<br>+5° | W3  | W4   | W5  | W6  | W7  | ≈ 1 |
|------|------------|------------|-----------|-----------|-----|------|-----|-----|-----|-----|
| 6    | 5          | 3.5        | 180°      | 90°       | 40° | 120° | 60° | 90° | 45° | 3   |
| 8    | 5          | 4.3        |           |           |     |      |     |     |     | 3.5 |

## Semi-rotary drives DRVS

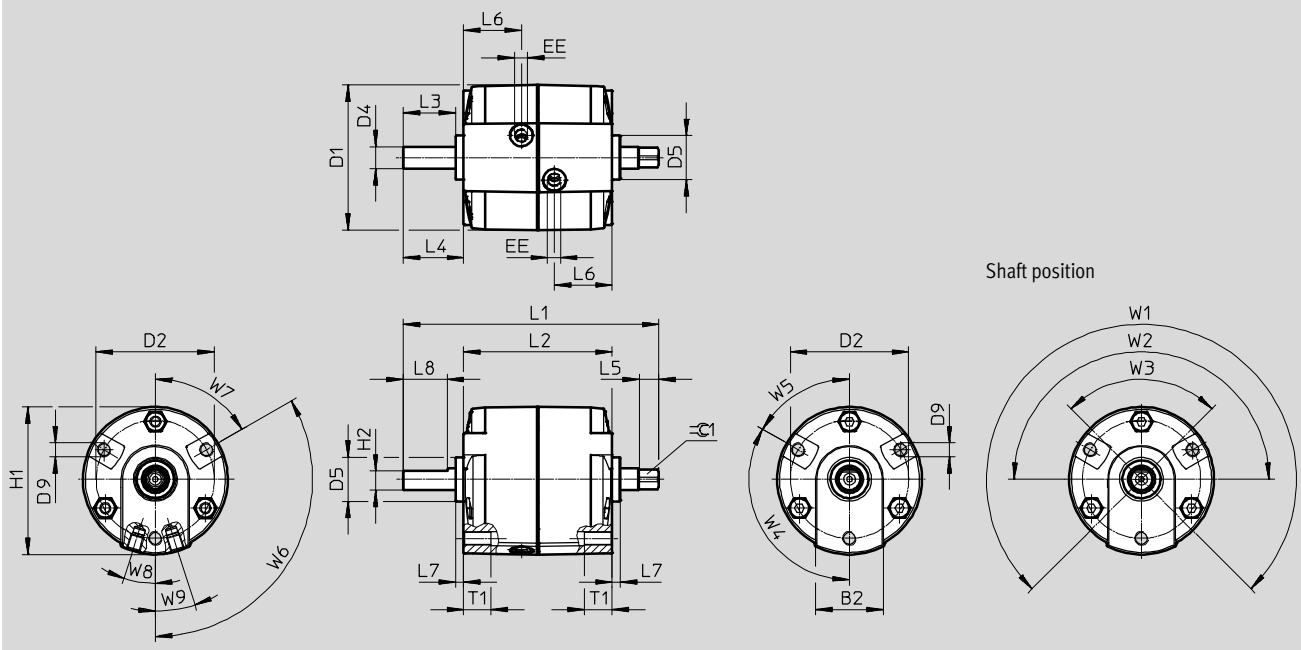
Technical data

**FESTO**

### Dimensions

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Size 12/16



| Size | B2   | D1<br>Ø | D2<br>Ø<br>±0.2 | D4<br>Ø<br>g7 | D5<br>Ø<br>-0.1 | D9 | EE | H1   |
|------|------|---------|-----------------|---------------|-----------------|----|----|------|
| 12   | 24   | 45.5    | 36              | 6             | 14              | M4 | M5 | 46.3 |
| 16   | 24.5 | 52.7    | 43              | 8             | 16              | M5 | M5 | 53.7 |

| Size | H2<br>±0.1 | L1          | L2<br>+0.6/-0.2 | L3 | L4          | L5      | L6   | L7<br>+0.1/-0.1 | L8<br>+0.4 | T1 |
|------|------------|-------------|-----------------|----|-------------|---------|------|-----------------|------------|----|
| 12   | 5          | 73±0.2/-0.1 | 40.5            | 17 | 20±0.4/-0.6 | 9±0.1   | 14.8 | 3               | 14         | 8  |
| 16   | 7          | 93±0.2/-0.2 | 54              | 19 | 22±0.4/-0.7 | 7.2±0.1 | 21   | 3               | 16         | 10 |

| Size | W1<br>+7° | W2<br>+7° | W3<br>+7° | W4   | W5  | W6   | W7  | W8    | W9    | ⊙ 1                |
|------|-----------|-----------|-----------|------|-----|------|-----|-------|-------|--------------------|
| 12   | 270°      | 180°      | 90°       | 120° | 60° | 120° | 60° | 19.5° | 19.5° | 4.5 <sub>h11</sub> |
| 16   |           |           |           |      |     |      |     | 17.5° | 17.5° | 6-0.1              |

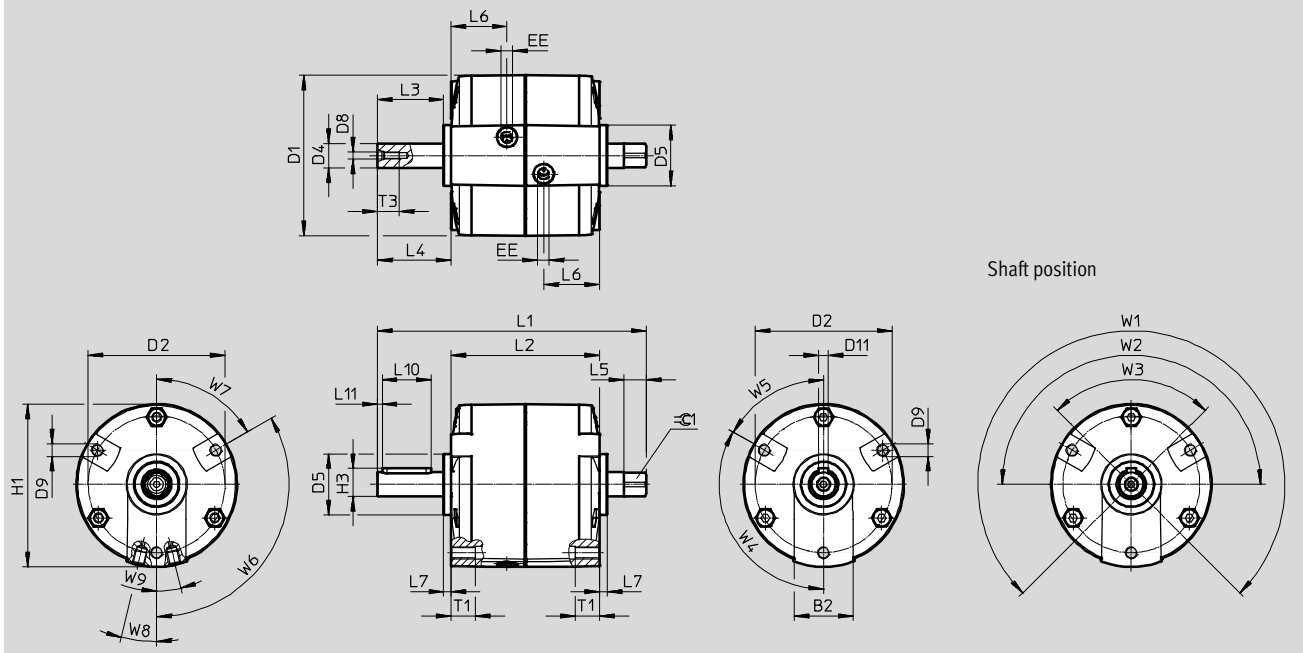
# Semi-rotary drives DRVS

Technical data

## Dimensions

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

Size 25



| Size | B2 | D1<br>Ø | D2<br>Ø<br>±0.2 | D4<br>Ø<br>g7 | D5<br>Ø<br>-0.1 | D8 | D9 | D11<br>N9 |
|------|----|---------|-----------------|---------------|-----------------|----|----|-----------|
| 25   | 24 | 65.7    | 56              | 10            | 25              | M3 | M5 | 4         |

| Size | EE | H1   | H3<br>-0.2 | L1<br>+0.2/-0.3 | L2<br>+0.3/-0.2 | L3   | L4<br>+0.3/-0.4 | L5  |
|------|----|------|------------|-----------------|-----------------|------|-----------------|-----|
| 25   | M5 | 66.7 | 11.5       | 110.2           | 61              | 27.1 | 30.1            | 9.2 |

| Size | L6 | L7<br>+0.1/-0.1 | L10<br>+0.1 | L11 | T1 | T3<br>+3 | W1<br>+7° | W2<br>+7° |
|------|----|-----------------|-------------|-----|----|----------|-----------|-----------|
| 25   | 23 | 3               | 20          | 2   | 10 | 9        | 270°      | 180°      |

| Size | W3<br>+7° | W4   | W5  | W6   | W7  | W8  | W9  | ≈ 1<br>-0.1 | Feather key <sup>1)</sup> |
|------|-----------|------|-----|------|-----|-----|-----|-------------|---------------------------|
| 25   | 90°       | 120° | 60° | 120° | 60° | 13° | 13° | 8           | A4x4x20                   |

1) Included in the scope of delivery.

## Semi-rotary drives DRVS

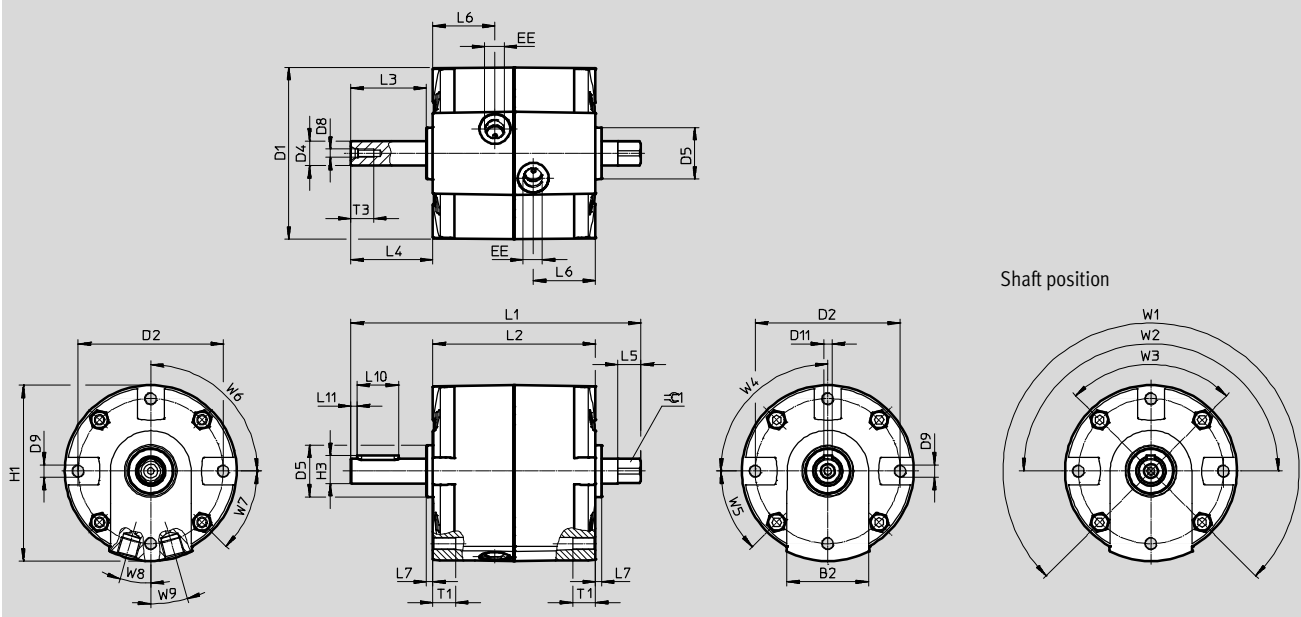
Technical data

**FESTO**

### Dimensions

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

Size 32/40



| Size | B2 | D1<br>Ø | D2<br>Ø<br>±0.2 | D4<br>Ø<br>g7 | D5<br>Ø<br>-0.1 | D8 | D9 | D11<br>N9 |
|------|----|---------|-----------------|---------------|-----------------|----|----|-----------|
| 32   | 39 | 83      | 70              | 12            | 25              | M4 | M6 | 4         |
| 40   | 42 | 100.1   | 87              | 17            | 30              | M5 | M8 | 5         |

| Size | EE   | H1    | H3<br>-0.2 | L1<br>+0.2/-0.3 | L2            | L3   | L4<br>+0.3/-0.6 | L5     |
|------|------|-------|------------|-----------------|---------------|------|-----------------|--------|
| 32   | G1/8 | 85    | 13.5       | 140             | 78.5+0.5/-0.1 | 36.5 | 39.5            | 11.2   |
| 40   | G1/8 | 102.6 | 19         | 170             | 93+0.4        | 50.5 | 53.5            | 16+0.3 |

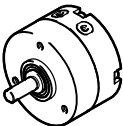
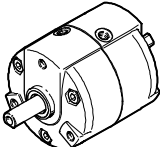
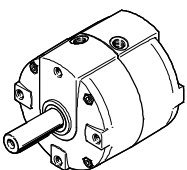
| Size | L6 | L7         | L10      | L11 | T1   | T3<br>+3 | W1<br>+7° | W2<br>+7° |
|------|----|------------|----------|-----|------|----------|-----------|-----------|
| 32   | 30 | 3+0.1/-0.2 | 20+0.1   | 3   | 11   | 11       | 270°      | 180°      |
| 40   | 37 | 3+0.2      | 36.1+0.3 | 5   | 13+3 | 13       |           |           |

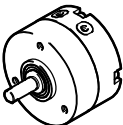
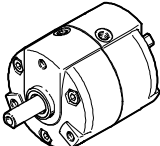
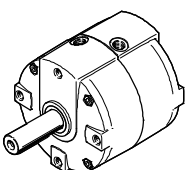
| Size | W3<br>+7° | W4  | W5  | W6  | W7  | W8    | W9    | ≈ 1<br>H11 | Feather key to<br>DIN 6885 <sup>1)</sup> |
|------|-----------|-----|-----|-----|-----|-------|-------|------------|------------------------------------------|
| 32   | 90°       | 90° | 45° | 90° | 45° | 16°   | 16°   | 10         | A4x4x20                                  |
| 40   |           |     |     |     |     | 14.5° | 14.5° | 13         | A5x5x36                                  |

1) Included in the scope of delivery.

# Semi-rotary drives DRVS

Technical data

| Ordering data                                                                      |      |              |                            |               |
|------------------------------------------------------------------------------------|------|--------------|----------------------------|---------------|
|                                                                                    | Size | Swivel angle | Without ATEX certification |               |
|                                                                                    |      |              | Part No.                   | Type          |
|   | 6    | 90°          | ★ 1845706                  | DRVS-6-90-P   |
|                                                                                    |      | 180°         | ★ 1845707                  | DRVS-6-180-P  |
|                                                                                    | 8    | 90°          | ★ 1845708                  | DRVS-8-90-P   |
|                                                                                    |      | 180°         | ★ 1845709                  | DRVS-8-180-P  |
|   | 12   | 90°          | ★ 1845710                  | DRVS-12-90-P  |
|                                                                                    |      | 180°         | ★ 1845711                  | DRVS-12-180-P |
|                                                                                    |      | 270°         | ★ 1845712                  | DRVS-12-270-P |
|                                                                                    | 16   | 90°          | ★ 1845713                  | DRVS-16-90-P  |
|                                                                                    |      | 180°         | ★ 1845714                  | DRVS-16-180-P |
|                                                                                    |      | 270°         | ★ 1845715                  | DRVS-16-270-P |
|                                                                                    | 25   | 90°          | ★ 1845716                  | DRVS-25-90-P  |
|                                                                                    |      | 180°         | ★ 1845717                  | DRVS-25-180-P |
|                                                                                    |      | 270°         | ★ 1845718                  | DRVS-25-270-P |
|  | 32   | 90°          | ★ 1845719                  | DRVS-32-90-P  |
|                                                                                    |      | 180°         | ★ 1845720                  | DRVS-32-180-P |
|                                                                                    |      | 270°         | ★ 1845721                  | DRVS-32-270-P |
|                                                                                    | 40   | 90°          | ★ 1845722                  | DRVS-40-90-P  |
|                                                                                    |      | 180°         | ★ 1845723                  | DRVS-40-180-P |
|                                                                                    |      | 270°         | ★ 1845724                  | DRVS-40-270-P |

| Ordering data                                                                       |      |              |                         |                   |
|-------------------------------------------------------------------------------------|------|--------------|-------------------------|-------------------|
|                                                                                     | Size | Swivel angle | With ATEX certification |                   |
|                                                                                     |      |              | Part No.                | Type              |
|  | 6    | 90°          | 2536483                 | DRVS-6-90-P-EX4   |
|                                                                                     |      | 180°         | 2536484                 | DRVS-6-180-P-EX4  |
|                                                                                     | 8    | 90°          | 2536485                 | DRVS-8-90-P-EX4   |
|                                                                                     |      | 180°         | 2536486                 | DRVS-8-180-P-EX4  |
|  | 12   | 90°          | 2536487                 | DRVS-12-90-P-EX4  |
|                                                                                     |      | 180°         | 2536488                 | DRVS-12-180-P-EX4 |
|                                                                                     |      | 270°         | 2536489                 | DRVS-12-270-P-EX4 |
|                                                                                     | 16   | 90°          | 2536490                 | DRVS-16-90-P-EX4  |
|                                                                                     |      | 180°         | 2536491                 | DRVS-16-180-P-EX4 |
|                                                                                     |      | 270°         | 2536492                 | DRVS-16-270-P-EX4 |
|                                                                                     | 25   | 90°          | 2536493                 | DRVS-25-90-P-EX4  |
|                                                                                     |      | 180°         | 2536494                 | DRVS-25-180-P-EX4 |
|                                                                                     |      | 270°         | 2536495                 | DRVS-25-270-P-EX4 |
|  | 32   | 90°          | 2536496                 | DRVS-32-90-P-EX4  |
|                                                                                     |      | 180°         | 2536497                 | DRVS-32-180-P-EX4 |
|                                                                                     |      | 270°         | 2536498                 | DRVS-32-270-P-EX4 |
|                                                                                     | 40   | 90°          | 2536499                 | DRVS-40-90-P-EX4  |
|                                                                                     |      | 180°         | 2536500                 | DRVS-40-180-P-EX4 |
|                                                                                     |      | 270°         | 2536501                 | DRVS-40-270-P-EX4 |

Festo core product range

- ★ Ready for dispatch from the Festo factory in 24 hours
- ☆ Ready for dispatch in 5 days maximum from stock

## Semi-rotary drives DRVS

Accessories

**FESTO**

### Foot mounting DAMH

Material:

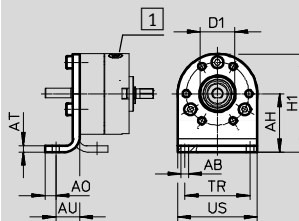
Galvanised steel

RoHS-compliant

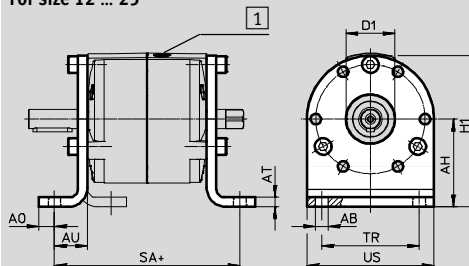
Foot mountings can only be mounted on the front with size 6 and 8.



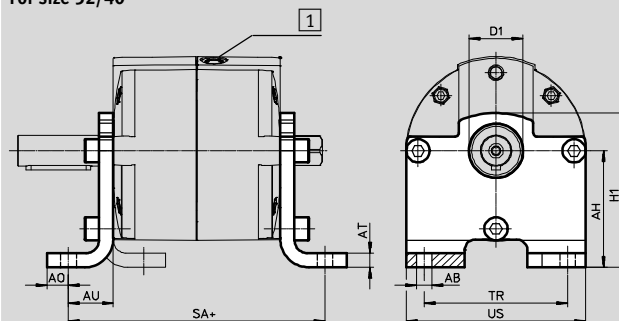
For size 6/8



For size 12 ... 25



For size 32/40

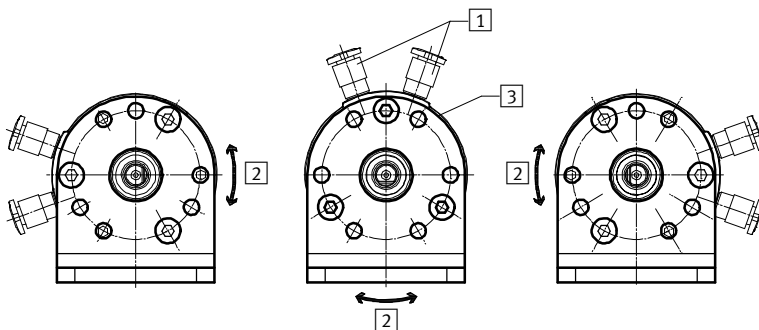


1 Supply ports

### Mounting variants in combination with supply ports

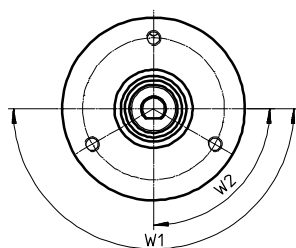
Three mounting variants are possible in combination with the foot mounting DAMH and supply ports 1.

The mid-position of the swivel angle is then in position 2.

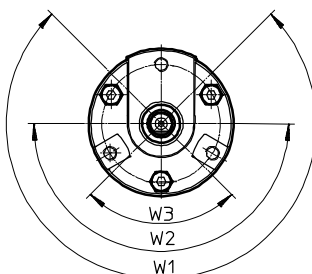


### Shaft position in standard position 3 (position swivel angle)

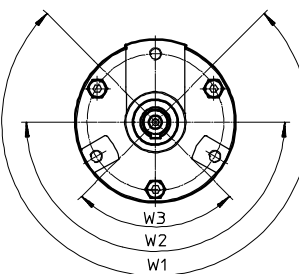
Size 6/8



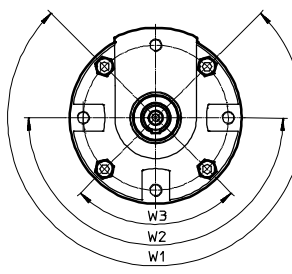
Size 12/16



Size 25



Size 32/40



# Semi-rotary drives DRVS

Accessories

| Dimensions and ordering data |                |               |    |    |    |                   |                        |
|------------------------------|----------------|---------------|----|----|----|-------------------|------------------------|
| For size                     | AB<br>Ø<br>H13 | AH            | AO | AT | AU | D1<br>Ø           | H1                     |
| 6                            | 3.5            | 22 $\pm$ 0.2  | 4  | 3  | 11 | 14 $^{+0.05}$     | 36.8 $\pm$ 0.5/ $-0.3$ |
| 8                            | 3.5            | 27 $\pm$ 0.2  | 5  | 3  | 11 | 16 $^{+0.05}$     | 45.3 $\pm$ 0.4         |
| 12                           | 5.5            | 30 $\pm$ 0.2  | 6  | 4  | 14 | 14 <sup>H10</sup> | 52 $\pm$ 0.5/ $-0.3$   |
| 16                           | 5.5            | 35 $\pm$ 0.25 | 7  | 4  | 15 | 16 <sup>H10</sup> | 61 $\pm$ 0.5/ $-0.3$   |
| 25                           | 6.5            | 45 $\pm$ 0.25 | 8  | 5  | 17 | 25 <sup>H10</sup> | 77.5 $\pm$ 0.5/ $-0.3$ |
| 32                           | 8.8            | 55 $\pm$ 0.3  | 11 | 6  | 21 | 25 <sup>H10</sup> | 73 $\pm$ 0.5           |
| 40                           | 8.8            | 65 $\pm$ 0.3  | 12 | 8  | 25 | 30 <sup>H10</sup> | 86 $\pm$ 0.5           |

| For size | SA    | TR | US                     | Weight <sup>1)</sup><br>[g] | Part No.       | Type <sup>2)</sup> |
|----------|-------|----|------------------------|-----------------------------|----------------|--------------------|
| 6        | –     | 20 | 29.6 $\pm$ 0.3/ $-0.2$ | 27                          | <b>3371840</b> | <b>DAMH-Q12-6</b>  |
| 8        | –     | 30 | 36.6 $\pm$ 0.3         | 40                          | <b>3371841</b> | <b>DAMH-Q12-8</b>  |
| 12       | 68.5  | 30 | 44 $-0.5$              | 79                          | <b>3371842</b> | <b>DAMH-Q12-12</b> |
| 16       | 84    | 40 | 52 $-0.5$              | 111                         | <b>3371843</b> | <b>DAMH-Q12-16</b> |
| 25       | 95    | 50 | 65 $-0.5$              | 203                         | <b>3371844</b> | <b>DAMH-Q12-25</b> |
| 32       | 122.5 | 60 | 81.5 $-0.5$            | 287                         | <b>3371845</b> | <b>DAMH-Q12-32</b> |
| 40       | 143   | 80 | 100 $\pm$ 0.3          | 529                         | <b>3371846</b> | <b>DAMH-Q12-40</b> |

1) For one foot mounting

2) Suitable for ATEX areas

## Semi-rotary drives DRVS

Accessories

**FESTO**

### Flange mounting DAMF

Materials:

Galvanised steel

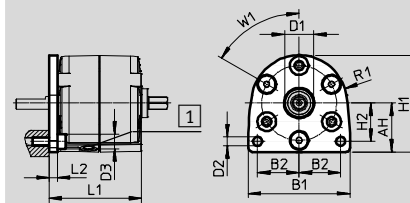
RoHS-compliant

Mounting variants in combination  
with supply ports:

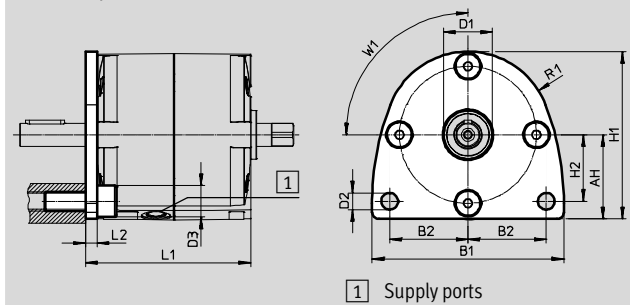
- For sizes 12 ... 25, possible every 60°
- For sizes 32/40, possible every 90°



#### For size 12 ... 25



#### For size 32/40



### Dimensions and ordering data

| For size | AH          | B1      | B2 | D1<br>Ø<br>H10 | D2<br>Ø<br>H13 | D3<br>Ø<br>Max. | H1            | H2   |
|----------|-------------|---------|----|----------------|----------------|-----------------|---------------|------|
| 12       | 23.5±0.2    | 49±0.4  | 20 | 14             | 4.4            | 8.5             | 46.5+0.4/-0.3 | 18.5 |
| 16       | 28±0.2      | 59±0.4  | 23 | 16             | 5.4            | 8.5             | 56±0.4        | 20.5 |
| 25       | 34.5±0.2    | 74±0.4  | 30 | 25             | 6.5            | 10              | 69±0.4        | 23   |
| 32       | 43±0.2      | 98±0.5  | 40 | 25             | 8.5            | 16              | 85.5+0.5/-0.4 | 34   |
| 40       | 53+0.3/-0.2 | 120±0.5 | 50 | 30             | 8.5            | 18              | 106+0.5/-0.3  | 40   |

| For size | L1   | L2 | R1   | W1  | Weight<br>[g] | Part No.       | Type <sup>1)</sup> |
|----------|------|----|------|-----|---------------|----------------|--------------------|
| 12       | 44.5 | 4  | 23   | 60° | 54            | <b>4965018</b> | <b>DAMF-Q12-12</b> |
| 16       | 58   | 4  | 28   | 60° | 80            | <b>4965019</b> | <b>DAMF-Q12-16</b> |
| 25       | 66   | 5  | 34.5 | 60° | 147           | <b>4965020</b> | <b>DAMF-Q12-25</b> |
| 32       | 84.5 | 6  | 42.5 | 90° | 305           | <b>4965021</b> | <b>DAMF-Q12-32</b> |
| 40       | 99   | 6  | 53   | 90° | 472           | <b>4965022</b> | <b>DAMF-Q12-40</b> |

1) Suitable for ATEX areas

# Semi-rotary drives DRVS

Accessories

## Push-on flange FWSR/DARF

Materials:

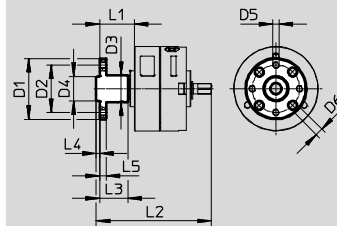
Flange: Anodised wrought aluminium alloy

Screws: Galvanised steel

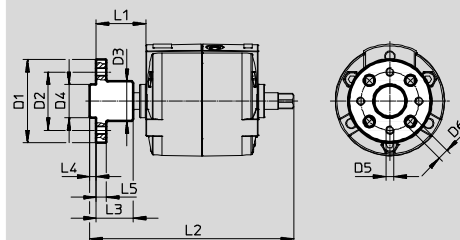
RoHS-compliant



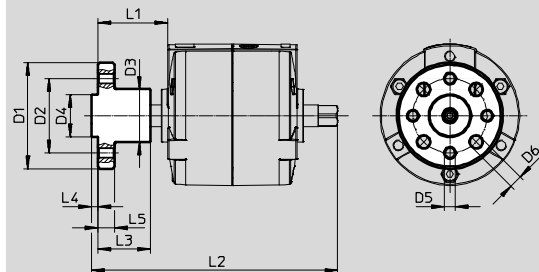
For size 6/8



For size 12/16



For size 25 ... 40



| Dimensions and ordering data |                    |         |                 |                  |    |                |               |
|------------------------------|--------------------|---------|-----------------|------------------|----|----------------|---------------|
| For size                     | D1<br>Ø            | D2<br>Ø | D3<br>Ø<br>+0.4 | D4<br>Ø          | D5 | D6<br>Ø<br>H13 | L1            |
| 6                            | 23                 | 16      | 10              | 8 <sub>g7</sub>  | M3 | 3.4            | 13.5±0.7      |
| 8                            | 27                 | 21      | 12              | 11 <sub>g7</sub> | M3 | 3.4            | 15.5±0.7      |
| 12                           | 35 <sub>-0.5</sub> | 25      | 16              | 14 <sub>f8</sub> | M3 | 3.4            | 21+0.5/-0.7   |
| 16                           | 40 <sub>-0.5</sub> | 28      | 19              | 16 <sub>f8</sub> | M4 | 4.5            | 23+0.5/-0.8   |
| 25                           | 50 <sub>-0.5</sub> | 35      | 25              | 20 <sub>f8</sub> | M5 | 5.5            | 33+0.4/-0.5   |
| 32                           | 60 <sub>-0.5</sub> | 45      | 25              | 28 <sub>f8</sub> | M6 | 6.5            | 42.6+0.4/-0.7 |
| 40                           | 70 <sub>-0.5</sub> | 54      | 30              | 36 <sub>f8</sub> | M8 | 9              | 57.1+0.4/-0.7 |

| For size | L2    | L3   | L4                  | L5 | Weight<br>[g] | Part No. | Type <sup>1)</sup> |
|----------|-------|------|---------------------|----|---------------|----------|--------------------|
| 6        | 45    | 10.5 | 1.5 <sub>-0.2</sub> | 3  | 6             | 185948   | FWSR-6             |
| 8        | 51    | 12.5 | 1.5 <sub>-0.2</sub> | 3  | 8             | 185949   | FWSR-8             |
| 12       | 77    | 16   | 3 <sub>-0.1</sub>   | 3  | 15            | 4886221  | DARF-Q12-12        |
| 16       | 97    | 18   | 3 <sub>-0.1</sub>   | 5  | 25            | 4886222  | DARF-Q12-16        |
| 25       | 116.1 | 24.9 | 3 <sub>-0.1</sub>   | 8  | 60            | 4886223  | DARF-Q12-25        |
| 32       | 147.1 | 26.1 | 4 <sub>-0.1</sub>   | 10 | 92            | 4886224  | DARF-Q12-32        |
| 40       | 178.6 | 44.6 | 5 <sub>-0.1</sub>   | 11 | 155           | 4886225  | DARF-Q12-40        |

1) Suitable for ATEX areas

## Semi-rotary drives DRVS

Accessories

**FESTO**

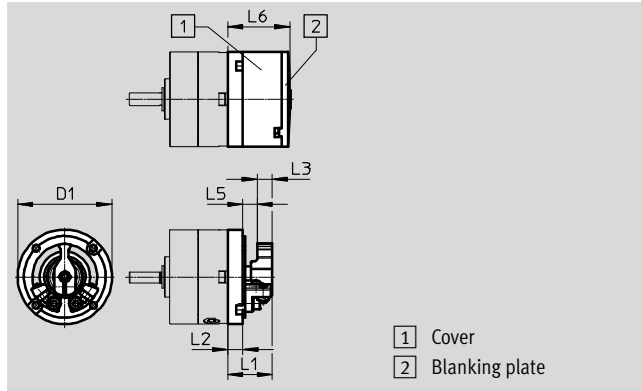
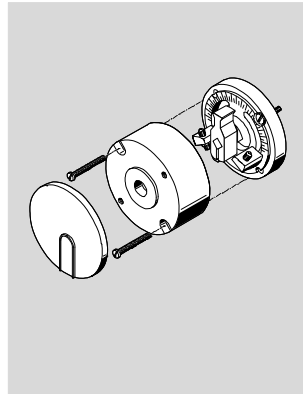
### Stop kit KSM

Material:

Housing: Anodised aluminium  
Stops: High-alloy stainless steel  
Free of copper and PTFE

Description:

For adjusting the swivel angle



| Dimensions and ordering data |                 |            |            |    |     |                 |
|------------------------------|-----------------|------------|------------|----|-----|-----------------|
| For size                     | D1<br>Ø<br>±0.2 | L1<br>+0.4 | L2<br>+0.3 | L3 | L5  | L6<br>+0.2/-0.6 |
| 6                            | 29.4            | 11.2       | 3.2        | 5  | 2.5 | 17.8            |
| 8                            | 37.4            | 17         | 6          | 6  | 5.7 | 24.9            |

| For size | Swivel angle<br>[°] | Precision adjustment<br>[°] | Weight<br>[g] | Part No.      | Type <sup>1)</sup> |
|----------|---------------------|-----------------------------|---------------|---------------|--------------------|
| 6        | 0 ... 180           | -5 ... +1                   | 30            | <b>175833</b> | <b>KSM-6</b>       |
| 8        | 0 ... 180           | -5 ... +1                   | 70            | <b>175834</b> | <b>KSM-8</b>       |

1) Suitable for ATEX areas

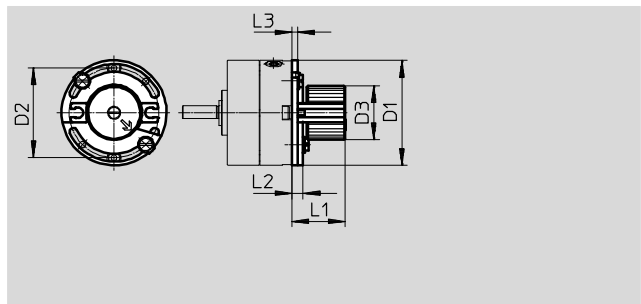
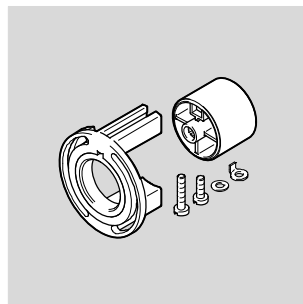
### Mounting kit WSM

Material:

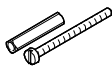
Bracket, magnet holder: Polyamide  
Rail in bracket: Aluminium

Description:

- For sensing the swivel angle
- For mounting the proximity sensor SME/SMT-10



| Dimensions and ordering data |                 |                 |         |          |    |    |                               |
|------------------------------|-----------------|-----------------|---------|----------|----|----|-------------------------------|
| For size                     | D1<br>Ø<br>±0.2 | D2<br>Ø<br>±0.2 | D3<br>Ø | L1<br>±1 | L2 | L3 | Part No.    Type              |
| 6                            | 29.4            | 25              | 17.3    | 19.5     | 4  | 2  | <b>173205    WSM-6-SME-10</b> |
| 8                            | 37.4            | 32              | 19.3    | 19.5     | 4  | 2  | <b>173206    WSM-8-SME-10</b> |

| Ordering data – Adapter kit                                                         |          |                                                |                |                     |
|-------------------------------------------------------------------------------------|----------|------------------------------------------------|----------------|---------------------|
|                                                                                     | For size | Description                                    | Part No.       | Type                |
|  | 6        | For attaching mounting kit WSM to stop kit KSM | <b>3617044</b> | <b>DADP-AK-Q1-6</b> |
|                                                                                     | 8        |                                                | <b>3617045</b> | <b>DADP-AK-Q1-8</b> |

# Semi-rotary drives DRVS

Accessories

## Position sensor SRBS

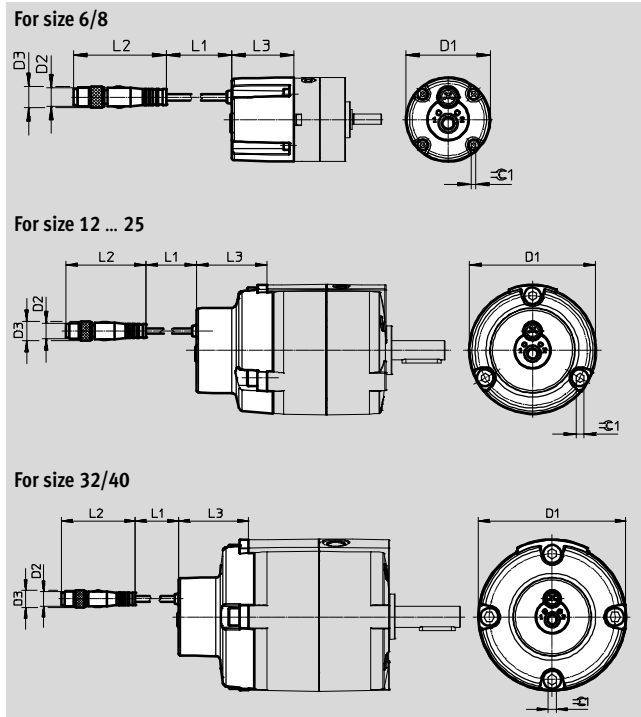
Material:

Housing: Reinforced PA, nickel-plated brass

RoHS-compliant

Description:

- Sturdy, non-contacting and enclosed position detection with long service life
- For sensing the end positions
- Simple and reliable operation using one button
- Only one connecting cable required  
→ Page 23



| Dimensions and ordering data |         |                                    |         |     |      |      | Technical data → Internet: srbs |
|------------------------------|---------|------------------------------------|---------|-----|------|------|---------------------------------|
| For size                     | D1<br>Ø | D2                                 | D3<br>Ø | L1  | L2   | L3   | ≈ 1                             |
| 6                            | 29.4    | M8x1,<br>(Plug connector<br>4-pin) | 9.6     | 300 | 41.1 | 25.4 | 1.5                             |
| 8                            | 32      |                                    |         |     |      | 27.4 | 2                               |
| 12                           | 44.6    |                                    |         |     |      | 29.4 | 3                               |
| 16                           | 51.6    |                                    |         |     |      | 33.9 | 4                               |
| 25                           | 64.5    |                                    |         |     |      | 36   | 4                               |
| 32                           | 81.3    |                                    |         |     |      | 38.9 | 5                               |
| 40                           | 98.3    |                                    |         |     |      | 40.4 | 6                               |

| For size | Sensing range<br>[°] | Repetition accuracy<br>[°] | Number of switching outputs | Switching output | Switching element           | Weight<br>[g] | Part No.  | Type                       |
|----------|----------------------|----------------------------|-----------------------------|------------------|-----------------------------|---------------|-----------|----------------------------|
| 6        | 0 ... 270            | ≤ 1                        | 2                           | PNP/NPN          | N/O contact and N/C contact | 25            | ★ 2619969 | SRBS-Q12-6-E270-EP-1-S-M8  |
| 8        |                      |                            |                             |                  |                             | 30            | ★ 2619972 | SRBS-Q12-8-E270-EP-1-S-M8  |
| 12       |                      |                            |                             |                  |                             | 42            | ★ 2393546 | SRBS-Q12-12-E270-EP-1-S-M8 |
| 16       |                      |                            |                             |                  |                             | 55            | ★ 2393547 | SRBS-Q12-16-E270-EP-1-S-M8 |
| 25       |                      |                            |                             |                  |                             | 60            | ★ 2393548 | SRBS-Q12-25-E270-EP-1-S-M8 |
| 32       |                      |                            |                             |                  |                             | 81            | ★ 2393549 | SRBS-Q12-32-E270-EP-1-S-M8 |
| 40       |                      |                            |                             |                  |                             | 120           | ★ 2393550 | SRBS-Q12-40-E270-EP-1-S-M8 |

Festo core product range

- ★ Ready for dispatch from the Festo factory in 24 hours
- ☆ Ready for dispatch in 5 days maximum from stock

## Semi-rotary drives DRVS

Accessories

**FESTO**

### Stop kit DADP-ES

Material:

Disc: Anodised aluminium

Lever: Nickel-plated beryllium bronze

Stop: DADP-12: Nickel-plated beryllium bronze,

DADP-16 ... 40: Stainless steel

RoHS-compliant

Description:

- For adjusting the swivel angle (precision adjustment via thread)
- With flexible cushioning components for noise reduction

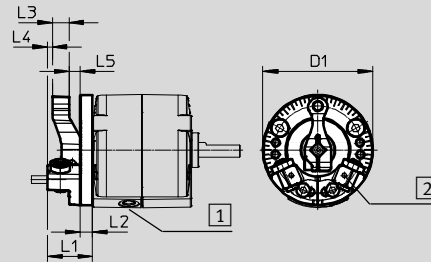
 Note

Permissible mass moment of inertia

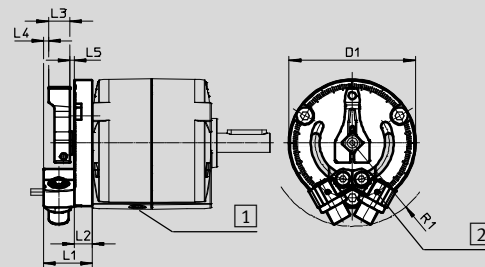
→ Basic drive



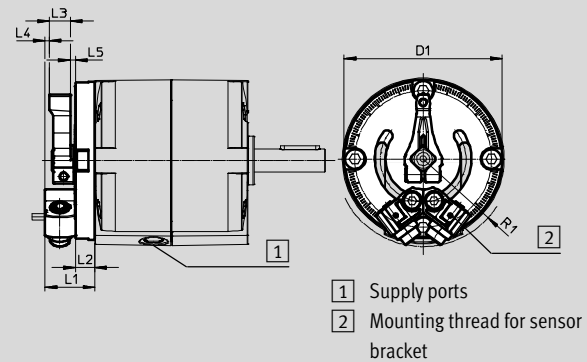
#### For size 12



#### For size 16/25



#### For size 32/40

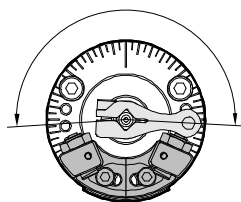


Optimal swivel motion:

For a balanced swivel motion it is recommended to position the stops symmetrically to the mid-position.

Size 12

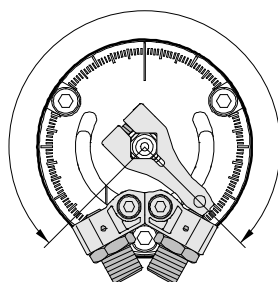
0 ... 190°



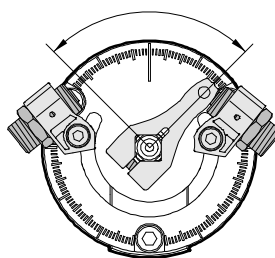
Size 16 ... 40

Mounting variant 90 ... 270°

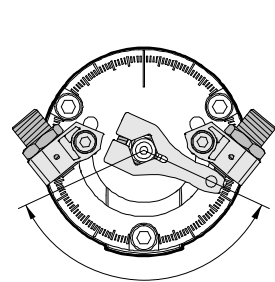
Max. 270°



Min. 90°



Mounting variant 0 ... 130°



## Semi-rotary drives DRVS

Accessories

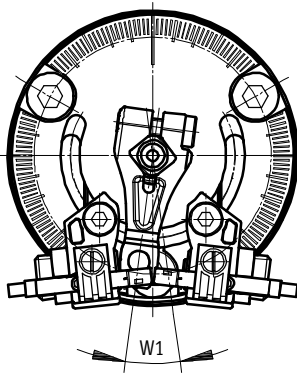
| Dimensions and ordering data |         |      |     |      |     |     |      |
|------------------------------|---------|------|-----|------|-----|-----|------|
| For size                     | D1<br>Ø | L1   | L2  | L3   | L4  | L5  | R1   |
| 12                           | 45      | 18.5 | 5   | 6.8  | 2   | 4.7 | –    |
| 16                           | 51.7    | 21.5 | 9   | 8.5  | 2.3 | 1.7 | 34   |
| 25                           | 64.6    | 24.8 | 9.2 | 10.8 | 2.5 | 2.3 | 43.5 |
| 32                           | 81      | 25.6 | 10  | 10.8 | 2.2 | 2.6 | 45.5 |
| 40                           | 100     | 32   | 12  | 13.7 | 3.3 | 3   | 58   |

| For size | Swivel angle<br>[°] | Precision adjustment<br>[°] | Weight<br>[g] | Part No.       | Type <sup>1)</sup>    |
|----------|---------------------|-----------------------------|---------------|----------------|-----------------------|
| 12       | 0 ... 190           | –6                          | 60            | <b>2536502</b> | <b>DADP-ES-Q12-12</b> |
| 16       | 0 ... 270           | –6                          | 110           | <b>2536503</b> | <b>DADP-ES-Q12-16</b> |
| 25       | 0 ... 270           | –6                          | 180           | <b>2536504</b> | <b>DADP-ES-Q12-25</b> |
| 32       | 0 ... 270           | –6                          | 250           | <b>2536505</b> | <b>DADP-ES-Q12-32</b> |
| 40       | 0 ... 270           | –6                          | 450           | <b>2536506</b> | <b>DADP-ES-Q12-40</b> |

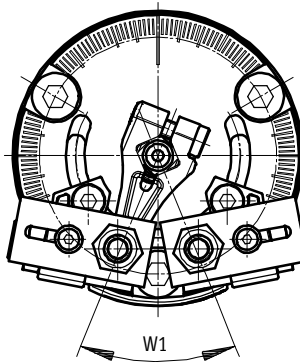
1) Suitable for ATEX areas

### Minimum swivel angle W1 in combination with stop kit DADP-ES and attached proximity sensors

With proximity sensor SME-10/SMT-10



With proximity sensor SIEN-M5/SIEN-M8



| Stop kit       | Proximity sensor |                 |
|----------------|------------------|-----------------|
|                | SME-10/SMT-10    | SIEN-M5/SIEN-M8 |
| DADP-ES-Q12-12 | 15°              | 60°             |
| DADP-ES-Q12-16 | 15°              | 45°             |
| DADP-ES-Q12-25 | 15°              | 20°             |
| DADP-ES-Q12-32 | 15°              | 20°             |
| DADP-ES-Q12-40 | 15°              | 15°             |

# Semi-rotary drives DRVS

Accessories

**FESTO**

| Ordering data – Sensor bracket                                                    |           |                                                                                                                                      |                |                      |                  |
|-----------------------------------------------------------------------------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------------|------------------|
|                                                                                   | For size  | Description                                                                                                                          | Part No.       | Type                 | PU <sup>1)</sup> |
|  | 12 ... 40 | <ul style="list-style-type: none"> <li>For sensing the swivel angle</li> <li>For mounting the proximity sensor SME/SMT-10</li> </ul> | <b>550661</b>  | <b>SL-DSM-B</b>      | 2                |
|  | 12 ... 40 | <ul style="list-style-type: none"> <li>For sensing the swivel angle</li> <li>For mounting the proximity sensor SIEN-M5</li> </ul>    | <b>1130882</b> | <b>SL-DSM-S-M5-B</b> | 2                |
|                                                                                   |           | <ul style="list-style-type: none"> <li>For sensing the swivel angle</li> <li>For mounting the proximity sensor SIEN-M8</li> </ul>    | <b>1132360</b> | <b>SL-DSM-S-M8-B</b> |                  |

1) Packaging unit

| Proximity sensor for size 6 ... 40                                                |                                                                                                                                      |                  |                                         |                  |                                                   |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------------------------------|------------------|---------------------------------------------------|
| Ordering data – Proximity sensors for C-slot, magneto-resistive                   |                                                                                                                                      |                  |                                         |                  | Technical data → Internet: smt                    |
|                                                                                   | Type of mounting                                                                                                                     | Switching output | Electrical connection, outlet direction | Cable length [m] | Part No. Type                                     |
| N/O contact                                                                       |                                                                                                                                      |                  |                                         |                  |                                                   |
|  | For size 6, 8:<br>With mounting kit<br>WSM-...-SME-10<br>For size 12 ... 40:<br>Mounted on the DRVS using<br>sensor bracket SL-DSM-B | PNP              | Cable, 3-wire, in-line                  | 2.5              | ★ <b>551373</b> <b>SMT-10M-PS-24V-E-2,5-L-OE</b>  |
|                                                                                   |                                                                                                                                      |                  | Plug connector M8x1, 3-pin, in-line     | 0.3              | ★ <b>551375</b> <b>SMT-10M-PS-24V-E-0,3-L-M8D</b> |

| Ordering data – Proximity sensor for C-slot, magnetic reed                          |                                                                                                              |                  |                                         |                  | Technical data → Internet: sme        |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|------------------|-----------------------------------------|------------------|---------------------------------------|
|                                                                                     | Type of mounting                                                                                             | Switching output | Electrical connection, outlet direction | Cable length [m] | Part No. Type                         |
| N/O contact                                                                         |                                                                                                              |                  |                                         |                  |                                       |
|  | For size 6, 8:<br>With mounting kit<br>WSM-...-SME-10<br>For size 12 ... 40:<br>With sensor bracket SL-DSM-B | Contacting       | Cable, 3-wire, in-line                  | 2.5              | <b>173210</b> <b>SME-10-KL-LED-24</b> |
|                                                                                     |                                                                                                              |                  | Plug connector M8x1, 3-pin, in-line     | 0.3              | <b>173212</b> <b>SME-10-SL-LED-24</b> |

| Proximity sensor for size 12 ... 40                                                 |                              |                  |                                         |                  | Technical data → Internet: sme                    |
|-------------------------------------------------------------------------------------|------------------------------|------------------|-----------------------------------------|------------------|---------------------------------------------------|
| Ordering data – Proximity sensor for C-slot, magnetic reed                          |                              |                  |                                         |                  | Technical data → Internet: sme                    |
|                                                                                     | Type of mounting             | Switching output | Electrical connection, outlet direction | Cable length [m] | Part No. Type                                     |
| N/O contact                                                                         |                              |                  |                                         |                  |                                                   |
|  | With sensor bracket SL-DSM-B | Contacting       | Cable, 3-wire, in-line                  | 2.5              | ★ <b>551365</b> <b>SME-10M-DS-24V-E-2,5-L-OE</b>  |
|                                                                                     |                              |                  | Plug connector M8x1, 3-pin, in-line     | 0.3              | ★ <b>551367</b> <b>SME-10M-DS-24V-E-0,3-L-M8D</b> |

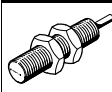
Festo core product range

- ★ Ready for dispatch from the Festo factory in 24 hours
- ☆ Ready for dispatch in 5 days maximum from stock

## Semi-rotary drives DRVS

Accessories

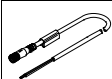
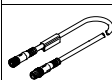
### Inductive proximity sensor for size 12 ... 40

| Ordering data – Proximity sensor, inductive                                       |                              |        |             |                |          | Technical data → Internet: sien |
|-----------------------------------------------------------------------------------|------------------------------|--------|-------------|----------------|----------|---------------------------------|
|                                                                                   | Type of mounting             | Thread | Contact     | Connection     | Part No. | Type                            |
|  | With sensor bracket SL-DSM-S | M5     | N/O contact | Cable, 2.5 m   | ★ 150370 | SIEN-M5B-PS-K-L                 |
|                                                                                   |                              |        |             | Plug connector | ★ 150371 | SIEN-M5B-PS-S-L                 |
|                                                                                   |                              | M8     | N/O contact | Cable, 2.5 m   | ★ 150386 | SIEN-M8B-PS-K-L                 |
|                                                                                   |                              |        |             | Plug connector | ★ 150387 | SIEN-M8B-PS-S-L                 |

### Ordering data – Connecting cables

|                                                                                   |                              |                              |                  |          | Technical data → Internet: nebu |
|-----------------------------------------------------------------------------------|------------------------------|------------------------------|------------------|----------|---------------------------------|
|                                                                                   | Electrical connection, left  | Electrical connection, right | Cable length [m] | Part No. | Type                            |
|  | Straight socket, M8x1, 3-pin | Cable, open end, 3-wire      | 2.5              | ★ 541333 | NEBU-M8G3-K-2.5-LE3             |
|                                                                                   |                              |                              | 5                | ★ 541334 | NEBU-M8G3-K-5-LE3               |
|  | Angled socket, M8x1, 3-pin   | Cable, open end, 3-wire      | 2.5              | ★ 541338 | NEBU-M8W3-K-2.5-LE3             |
|                                                                                   |                              |                              | 5                | ★ 541341 | NEBU-M8W3-K-5-LE3               |

### Connecting cables for position sensor SRBS

| Accessories – Connecting cables                                                     |                              |                                      |                  |          | Technical data → Internet: nebu |
|-------------------------------------------------------------------------------------|------------------------------|--------------------------------------|------------------|----------|---------------------------------|
|                                                                                     | Electrical connection, left  | Electrical connection, right         | Cable length [m] | Part No. | Type                            |
|  | Straight socket, M8x1, 4-pin | Cable, open end, 4-wire              | 2.5              | 541342   | NEBU-M8G4-K-2.5-LE4             |
|                                                                                     |                              |                                      | 5                | 541343   | NEBU-M8G4-K-5-LE4               |
|  | Straight socket, M8x1, 4-pin | Straight plug connector, M8x1, 4-pin | 2.5              | 554035   | NEBU-M8G4-K-2.5-M8G4            |

### Ordering data – One-way flow control valves

| Ordering data – One-way flow control valves                                         |            |            |                 |              | Technical data ➔ Internet: grla |                 |
|-------------------------------------------------------------------------------------|------------|------------|-----------------|--------------|---------------------------------|-----------------|
|                                                                                     | For size   | Connection |                 | Material     | Part No.                        | Type            |
|                                                                                     |            | Thread     | For tubing O.D. |              |                                 |                 |
| For exhaust air                                                                     |            |            |                 |              |                                 |                 |
|  | 6, 8       | M3         | 3               | Metal design | 175041                          | GRLA-M3-QS-3    |
|                                                                                     | 12, 16, 25 | M5         | 3               |              | ★ 193137                        | GRLA-M5-QS-3-D  |
|                                                                                     |            |            | 4               |              | ★ 193138                        | GRLA-M5-QS-4-D  |
|  | 32, 40     | G1/8       | 3               |              | ★ 193142                        | GRLA-1/8-QS-3-D |
|                                                                                     |            |            | 4               |              | ★ 193143                        | GRLA-1/8-QS-4-D |
|                                                                                     |            |            | 6               |              | ★ 193144                        | GRLA-1/8QS-6-D  |
|                                                                                     |            |            | 8               |              | ★ 193145                        | GRLA-1/8-QS-8-D |

Festo core product range

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- ☆ Ready for dispatch in 5 days maximum from stock