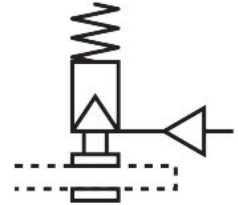
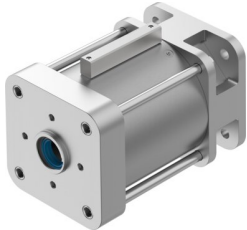


# Holding brake DACS-40-A-R3-S

Part number: 8072777

FESTO



 [General operating condition](#)

## Data sheet

| Feature                                      | Value  |
|--|--|
| Mounting position                            | Any  |
| Clamping type with active direction          | Both sides<br>Clamped by spring, released by compressed air  |
| Symbol                                       | 00992086   |
| Position sensing                             | Via proximity switch   |
| Safety function                              | Holding and stopping a movement  |
| Performance Level (PL)                       | Stopping, holding, blocking of movement/Category 1, Performance Level c  |
| Operating pressure                           | 0.38 MPa ... 0.8 MPa   |
| Operating pressure                           | 3.8 bar ... 8 bar  |
| Operating pressure                           | 55.1 psi ... 116 psi   |
| Max. permissible test pressure               | 8 bar  |
| Min. release pressure                        | 3.8 bar  |
| Round material to be clamped                 | 40 mm  |
| Certification                                | TÜV  |
| CE marking (see declaration of conformity)   | as per EU machinery directive  |
| UKCA marking (see declaration of conformity) | To UK instructions for machines  |
| Explosion prevention and protection          | Observe the information on the certificate<br>Zone 1 (ATEX)<br>Zone 2 (ATEX)<br>Zone 21 (ATEX)<br>Zone 22 (ATEX) |
| Certificate issuing authority                | TÜV CA 697   |
| Operating medium                             | Compressed air as per ISO 8573-1:2010 [7:4:4]  |
| Corrosion resistance class (CRC)             | 3 - High corrosion stress  |
| LABS (PWIS) conformity                       | VDMA24364 Zone III   |
| Ambient temperature                          | -20 °C ... 80 °C   |
| Static holding force                         | 17000 N  |
| Product weight                               | 34500 g  |
| Type of mounting                             | With internal thread<br>With accessories   |
| Clamping unit release connection             | G3/8   |
| Note on materials                            | RoHS compliant   |
| Seals material                               | NBR<br>TPE-U(PU)   |
| Material of spring                           | High-alloy steel   |

| <b>Feature</b>         | <b>Value</b> |
|------------------------|--------------|
| Housing material       | Steel        |
| Clamping jaws material | Tool steel   |
| Material of piston     | Steel        |