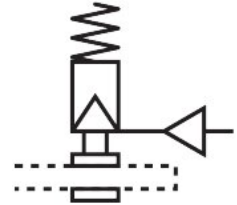


# Holding brake DACS-20-A-R3-S

Part number: 8072775

FESTO



 [General operating condition](#)

## Data sheet

| Feature                                      | Value  |
|--|--|
| Mounting position                            | optional   |
| Type of clamping with direction of action    | on both sides<br>Clamping via spring force, released via compressed air  |
| Symbol                                       | 00992086   |
| Position detection                           | Via proximity switch   |
| Safety function                              | Holding and stopping a movement  |
| Performance Level (PL)                       | Stopping, holding, blocking a 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                 | 20 mm  |
| Approval                                     | German Technical Control Board (TÜV)   |
| CE mark (see declaration of conformity)      | To EC Machinery Directive  |
| UKCA marking (see declaration of conformity) | To UK regulations for machines   |
| Explosion protection                         | The information in the certificate must be observed!<br>Zone 1 (ATEX)<br>Zone 2 (ATEX)<br>Zone 21 (ATEX)<br>Zone 22 (ATEX) |
| Certificate issuing authority                | German Technical Control Board (TÜV) CA 697  |
| Operating medium                             | Compressed air to 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                         | 3300 N   |
| Product weight                               | 3143 g   |
| Type of mounting                             | Via female thread<br>With accessories  |
| Release connection, clamping unit            | G1/8   |
| Note on materials                            | RoHS-compliant   |
| Material seals                               | NBR<br>TPE-U(PU)   |
| Material spring                              | High-alloy steel   |

| <b>Feature</b>      | <b>Value</b> |
|---------------------|--------------|
| Material housing    | Steel        |
| Material clamp jaws | Tool steel   |
| Material piston     | Steel        |