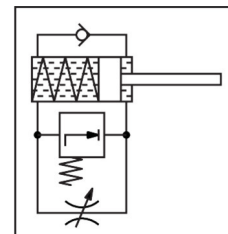


# Shock absorber DYSC-16-18-Y1F

Part number: 553593

FESTO



## Data sheet

[PDF](#) General operating condition

| Feature                                | Value                         |
|----------------------------------------|-------------------------------|
| Size                                   | 16                            |
| Stroke                                 | 18 mm                         |
| Cushioning                             | Self-adjusting                |
| Mounting position                      | optional                      |
| Position detection                     | Without                       |
| Symbol                                 | 00991497                      |
| Max. impact speed                      | 3 m/s                         |
| Reset time at room temperature         | 0.3 s                         |
| Reset time at min. ambient temperature | 1 s                           |
| Mode of operation                      | Pushing<br>Single-acting      |
| Corrosion resistance class CRC         | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity                 | VDMA24364-B2-L                |
| Ambient temperature                    | -10 °C ... 80 °C              |
| Cushioning length                      | 18 mm                         |
| Max. stop force                        | 2000 N                        |
| Max. energy consumption per stroke     | 25 J                          |
| Max. energy consumption per hour       | 50000 J                       |
| Max. residual energy                   | 0.16 J                        |
| Reset force                            | 6 N                           |
| Min. insertion force                   | 60 N                          |
| Product weight                         | 210 g                         |
| Load range                             | 70 kg                         |
| Type of mounting                       | Via lock nut                  |
| Note on materials                      | RoHS-compliant                |
| Material seals                         | NBR                           |
| Material housing                       | Galvanised steel              |
| Material piston rod                    | High-alloy steel              |