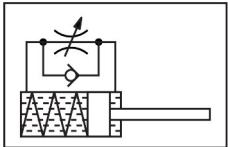


# Shock absorber DYSW-7-10-Y1F

Part number: 548072

**FESTO**



## Data sheet

| Feature                                | Value                                       |
|----------------------------------------|---------------------------------------------|
| Size                                   | 7                                           |
| Stroke                                 | 10 mm                                       |
| Cushioning                             | Self-adjusting<br>Soft characteristic curve |
| Mounting position                      | optional                                    |
| Position detection                     | Without                                     |
| Max. impact speed                      | 3 m/s                                       |
| Reset time at room temperature         | 0.2 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                      | 10 mm                                       |
| Max. stop force                        | 300 N                                       |
| Max. energy consumption per stroke     | 2.5 J                                       |
| Max. energy consumption per hour       | 15000 J                                     |
| Max. residual energy                   | 0.01 J                                      |
| Reset force                            | 1.2 N                                       |
| Min. insertion force                   | 10 N                                        |
| Product weight                         | 21 g                                        |
| Load range                             | 5 kg                                        |
| Type of mounting                       | Via lock nut                                |
| Note on materials                      | RoHS-compliant                              |
| Material seals                         | NBR                                         |
| Material housing                       | High-alloy steel                            |
| Material piston rod                    | High-alloy steel                            |