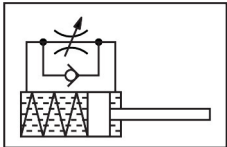


# Shock absorber DYSW-12-20-Y1F

Part number: 548075

**FESTO**



## Data sheet

| Feature                                | Value                                       |
|----------------------------------------|---------------------------------------------|
| Size                                   | 12                                          |
| Stroke                                 | 20 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         | 0.3 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                      | 20 mm                                       |
| Max. stop force                        | 1000 N                                      |
| Max. energy consumption per stroke     | 12 J                                        |
| Max. energy consumption per hour       | 41000 J                                     |
| Max. residual energy                   | 0.05 J                                      |
| Reset force                            | 5 N                                         |
| Min. insertion force                   | 35 N                                        |
| Product weight                         | 91 g                                        |
| Load range                             | 30 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                            |