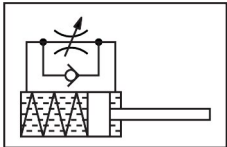


# Shock absorber DYSW-4-6-Y1F

Part number: 548070

FESTO



## Data sheet

| Feature                                | Value                                       |
|----------------------------------------|---------------------------------------------|
| Size                                   | 4                                           |
| Stroke                                 | 6 mm                                        |
| Cushioning                             | Self-adjusting<br>Soft characteristic curve |
| Mounting position                      | Any                                         |
| Position sensing                       | None                                        |
| Max. impact velocity                   | 2 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                      | 6 mm                                        |
| Max. stop force                        | 100 N                                       |
| Max. energy absorption per stroke      | 0.8 J                                       |
| Max. energy absorption per hour        | 7000 J                                      |
| Max. residual energy                   | 0.006 J                                     |
| Resetting force                        | 0.7 N                                       |
| Min. insertion force                   | 6.5 N                                       |
| Product weight                         | 6 g                                         |
| Load range                             | 1.2 kg                                      |
| Type of mounting                       | With lock nut                               |
| Note on materials                      | RoHS-compliant                              |
| Seals material                         | NBR                                         |
| Housing material                       | High-alloy steel                            |
| Piston rod material                    | High-alloy steel                            |