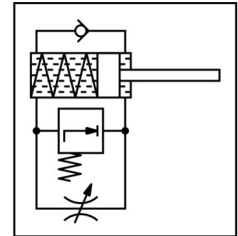


# Pneumatic shock absorber DYSC-8-8-Y1F

Part number: 548013

FESTO



[PDF](#) General operating condition

## Data sheet

| Feature                                | Value                         |
|--|-------------------------------|
| Size                                   | 8                             |
| Stroke                                 | 8 mm                          |
| Cushioning                             | Self-adjusting                |
| Mounting position                      | Any                           |
| Position sensing                       | None                          |
| Symbol                                 | 00991497                      |
| Max. impact velocity                   | 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                      | 8 mm                          |
| Max. stop force                        | 500 N                         |
| Max. energy absorption per stroke      | 3 J                           |
| Max. energy absorption per hour        | 18000 J                       |
| Max. residual energy                   | 0.02 J                        |
| Resetting force                        | 2.5 N                         |
| Min. insertion force                   | 18 N                          |
| Product weight                         | 36 g                          |
| Load range                             | 15 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              |