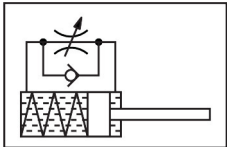


# Pneumatic shock absorber DYSS-12-12-Y1F

Part number: 8069004

FESTO



## Data sheet

| Feature                                | Value                         |
|----------------------------------------|-------------------------------|
| Size                                   | 12                            |
| Stroke                                 | 12 mm                         |
| Cushioning                             | Self-adjusting                |
| Mounting position                      | Any                           |
| Position sensing                       | None                          |
| Max. impact velocity                   | 1.5 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                    | -5 °C...80 °C                 |
| Cushioning length                      | 12 mm                         |
| Max. stop force                        | 1000 N                        |
| Max. tightening torque                 | 20 Nm                         |
| Max. energy absorption per stroke      | 10 J                          |
| Max. energy absorption per hour        | 36000 J                       |
| Max. residual energy                   | 0.05 J                        |
| Resetting force                        | 4 N                           |
| Min. insertion force                   | 35 N                          |
| Product weight                         | 82 g                          |
| Load range                             | 45 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              |