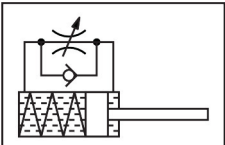


# Shock absorber

## DYSD-Q11-12-12-Y1F-Y9

Part number: 8161525

FESTO



## Data sheet

| Feature                            | Value                         |
|------------------------------------|-------------------------------|
| Size                               | 12                            |
| Stroke                             | 12 mm                         |
| Cushioning                         | Self-adjusting                |
| Mounting position                  | optional                      |
| Position detection                 | Without                       |
| Max. impact speed                  | 1 m/s                         |
| Reset time at room temperature     | 0.2 s                         |
| Mode of operation                  | Pushing<br>Single-acting      |
| Corrosion resistance class CRC     | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity             | VDMA24364-B2-L                |
| Ambient temperature                | 0 °C...60 °C                  |
| Cushioning length                  | 12 mm                         |
| Max. stop force                    | 1000 N                        |
| Max. energy consumption per stroke | 10 J                          |
| Max. energy consumption per hour   | 36000 J                       |
| Max. residual energy               | 0.05 J                        |
| Reset force                        | 28 N                          |
| Min. insertion force               | 100 N                         |
| Product weight                     | 95 g                          |
| Type of mounting                   | Via lock nut                  |
| Note on materials                  | RoHS-compliant                |
| Material seals                     | NBR                           |
| Material housing                   | Galvanised steel              |
| Material piston rod                | High-alloy steel              |
| Material nut                       | Galvanised steel              |