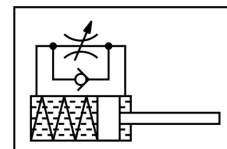


# Shock absorber DYSD-Q11-12-12-Y1F-S-Y14

Part number: 8161527

FESTO



 General operating condition

## Data sheet

| Feature                           | Value                         |
|-----------------------------------|-------------------------------|
| Size                              | 12                            |
| Stroke                            | 12 mm                         |
| Cushioning                        | Self-adjusting                |
| Mounting position                 | Any                           |
| Position sensing                  | None                          |
| Symbol                            | 00991495                      |
| Max. impact velocity              | 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 absorption per stroke | 8 J                           |
| Max. energy absorption per hour   | 36000 J                       |
| Max. residual energy              | 0.05 J                        |
| Resetting force                   | 28 N                          |
| Min. insertion force              | 100 N                         |
| Product weight                    | 95 g                          |
| Type of mounting                  | With lock nut                 |
| Note on materials                 | RoHS-compliant                |
| Seals material                    | NBR                           |
| Housing material                  | Steel, galvanized             |
| Piston rod material               | High-alloy steel              |
| Nut material                      | Steel, galvanized             |