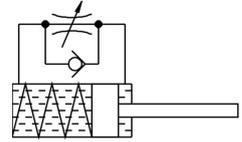


# Pneumatic shock absorber DYSS-5-5-Y1F

Part number: 8081770

FESTO



## Data sheet

| Feature                                | Value                         |
|--|-------------------------------|
| Size                                   | 5                             |
| Stroke                                 | 5 mm                          |
| Type code                              | DYSS                          |
| 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                         |
| Reset time at min. ambient temperature | 1 s                           |
| Mode of operation                      | Single-acting<br>Pushing      |
| Corrosion resistance class (CRC)       | 2 - Moderate corrosion stress |
| Ambient temperature                    | -10 °C ... 80 °C              |
| Cushioning length                      | 5 mm                          |
| Max. stop force                        | 200 N                         |
| Max. tightening torque                 | 2 Nm                          |
| Max. energy absorption per stroke      | 1.4 J                         |
| Max. energy absorption per hour        | 8000 J                        |
| Max. residual energy                   | 0.01 J                        |
| Resetting force                        | 0.9 N                         |
| Product weight                         | 7 g                           |
| 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              |