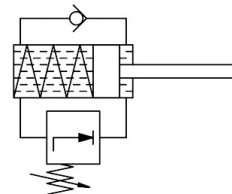


# Shock absorber DYSR-16-20-Y5

Part number: 1138644

**FESTO**



## Data sheet

| Feature                                | Value                      |
|----------------------------------------|----------------------------|
| Size                                   | 16                         |
| Stroke                                 | 20 mm                      |
| Cushioning                             | Adjustable                 |
| Mounting position                      | Any                        |
| Position sensing                       | None                       |
| Max. impact velocity                   | 3 m/s                      |
| Reset time at room temperature         | 0.3 s                      |
| Reset time at min. ambient temperature | 1 s                        |
| Mode of operation                      | Pushing<br>Single-acting   |
| Corrosion resistance class (CRC)       | 1 - Low corrosion stress   |
| LABS (PWIS) conformity                 | VDMA24364-B2-L             |
| Ambient temperature                    | -10 °C...80 °C             |
| Cushioning length                      | 20 mm                      |
| Max. stop force                        | 1600 N                     |
| Max. energy absorption per stroke      | 32 J                       |
| Max. energy absorption per hour        | 100000 J                   |
| Max. residual energy                   | 0.16 J                     |
| Resetting force                        | 5.4 N                      |
| Min. insertion force                   | 66 N                       |
| Product weight                         | 200 g                      |
| Load range                             | 160 kg                     |
| Type of mounting                       | With locknut               |
| Note on materials                      | RoHS compliant             |
| Seals material                         | NBR                        |
| Housing material                       | Steel, galvanized          |
| Piston rod material                    | high alloy steel, hardened |