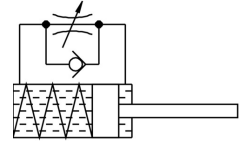


# Pneumatic shock absorber YSRW-12-20

Part number: 191196

FESTO



## Data sheet

| Feature                                | Value                                       |
|--|---|
| Size                                   | 12  |
| Stroke                                 | 20 mm                                       |
| Type code                              | YSRW  |
| Cushioning                             | Self-adjusting<br>Soft characteristic curve |
| Mounting position                      | Any   |
| Position sensing                       | None  |
| Symbol                                 | 00991495                                    |
| 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                      | Single-acting<br>Pushing                    |
| Corrosion resistance class (CRC)       | 2 - Moderate corrosion stress               |
| Ambient temperature                    | -10 °C ... 80 °C                            |
| Cushioning length                      | 20 mm                                       |
| Max. stop force                        | 1000 N                                      |
| Max. energy absorption per stroke      | 12 J  |
| Max. energy absorption per hour        | 41000 J                                     |
| Max. residual energy                   | 0.05 J                                      |
| Resetting force                        | 5 N   |
| Product weight                         | 78 g  |
| Type of mounting                       | With lock nut                               |
| Note on materials                      | Free of copper and PTFE<br>RoHS-compliant   |
| Seals material                         | NBR   |
| Housing material                       | Steel<br>Galvanized                         |
| Piston rod material                    | High-alloy steel                            |