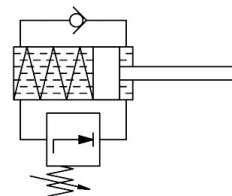


# Shock absorber DYSR-8-8-Y5

Part number: 1138641

**FESTO**



## Data sheet

| Feature                                | Value                    |
|----------------------------------------|--------------------------|
| Size                                   | 8                        |
| Stroke                                 | 8 mm                     |
| Cushioning                             | Adjustable               |
| Mounting position                      | Any                      |
| Position sensing                       | None                     |
| Max. impact velocity                   | 3 m/s                    |
| Reset time at room temperature         | 0.2 s                    |
| Reset time at min. ambient temperature | 3 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                      | 8 mm                     |
| Max. stop force                        | 400 N                    |
| Max. energy absorption per stroke      | 4 J                      |
| Max. energy absorption per hour        | 24000 J                  |
| Max. residual energy                   | 0.01 J                   |
| Resetting force                        | 1.8 N                    |
| Min. insertion force                   | 18 N                     |
| Product weight                         | 60 g                     |
| Load range                             | 40 kg                    |
| Type of mounting                       | With locknut             |
| Note on materials                      | RoHS compliant           |
| Seals material                         | NBR                      |
| Housing material                       | High-alloy steel         |
| Piston rod material                    | High-alloy steel         |