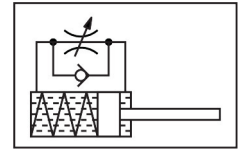


Shock absorber DYSS-G8-7-5-Y1F-F1A

Part number: 8119984

FESTO



Data sheet

| Feature | Value |
|--|--|
| Size | 7 |
| Stroke | 5 mm |
| Cushioning | Self-adjusting |
| Mounting position | optional |
| Position detection | Without |
| Variants | Metals with copper, zinc or nickel by mass as main constituent are excluded from use. Exceptions are nickel in steel, chemically nickel-plated surfaces, printed circuit boards, cables, electrical plug connectors and coils. |
| Max. impact speed | 1.5 m/s |
| Reset time at room temperature | 0.2 s |
| Reset time at min. ambient temperature | 1 s |
| Mode of operation | Pushing Single-acting |
| Corrosion resistance class CRC | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B2-L |
| Suitability for the production of Li-ion batteries | Product corresponds to the internal product definition from Festo for use in battery production: Metals with more than 1% by mass of copper, zinc or nickel are excluded from use. The exceptions are nickel in steel, chemically nickel-plated surfaces, printed circuit boards, cables, electrical plug connectors and coils |
| Ambient temperature | -10 °C...80 °C |
| Cushioning length | 5 mm |
| Max. stop force | 300 N |
| Max. tightening torque | 3 Nm |
| Max. energy consumption per stroke | 2 J |
| Max. energy consumption per hour | 12000 J |
| Max. residual energy | 0.01 J |
| Reset force | 1.2 N |
| Min. insertion force | 10 N |
| Product weight | 33 g |
| Load range | 5.5 kg |
| Type of mounting | Via threaded sleeve |
| Note on materials | RoHS-compliant |

| Feature | Value |
|---------------------|------------------|
| Material seals | NBR |
| Material housing | High-alloy steel |
| Material piston rod | High-alloy steel |