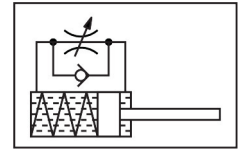


Shock absorber DYSS-8-8-Y1F-F1A

Part number: 8179969

FESTO



Data sheet

Feature	Value
Size	8
Stroke	8 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	8 mm
Max. stop force	500 N
Max. tightening torque	5 Nm
Max. energy consumption per stroke	3 J
Max. energy consumption per hour	18000 J
Max. residual energy	0.002 J
Reset force	2.5 N
Min. insertion force	18 N
Product weight	10 g
Load range	15 kg
Type of mounting	Via lock nut
Note on materials	RoHS-compliant

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