

Shock absorber DYSS-8-8-Y1F-F1A

Part number: 8179969

FESTO



 General operating condition

Data sheet

Feature	Value
Size	8
Stroke	8 mm
Cushioning	Self-adjusting
Mounting position	optional
Position detection	Without
Symbol	00991495
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	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, 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
Material seals	NBR
Material housing	High-alloy steel
Material piston rod	High-alloy steel