

# Shock absorber DYSS-10-10-Y1F-F1A

Part number: 8179970

FESTO



 General operating condition

## Data sheet

Feature	Value
Size	10
Stroke	10 mm
Cushioning	Self-adjusting
Mounting position	Any
Position detection	None
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	Suitable for battery production with reduced Cu/Zn/Ni values (F1a)
Ambient temperature	-10 °C ... 80 °C
Cushioning length	10 mm
Max. stop force	700 N
Max. tightening torque	8 Nm
Max. energy consumption per stroke	6 J
Max. energy consumption per hour	25000 J
Max. residual energy	0.03 J
Reset force	4 N
Min. insertion force	24 N
Product weight	51 g
Load range	20 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