

Shock absorber DYSS-2-4-Y1F-F1A

Part number: 8119993

FESTO



Data sheet

Feature	Value
Size	2
Stroke	4 mm
Cushioning	Self-adjusting
Mounting position	Any
Position sensing	None
Max. impact velocity	0.5 m/s
Reset time at room temperature	0.5 s
Reset time at min. ambient temperature	1 s
Mode of operation	Single-acting Pushing
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% copper, zinc or nickel by mass are excluded from use. Exceptions are nickel in steel, chemically nickel-plated surfaces, printed circuit boards, cables, electrical plug connectors and coils
Ambient temperature	-10 °C...70 °C
Cushioning length	4 mm
Max. stop force	60 N
Max. tightening torque	0.5 Nm
Max. energy absorption per stroke	0.1 J
Max. energy absorption per hour	270 J
Max. residual energy	0.003 J
Resetting force	0.4 N
Min. insertion force	2.5 N
Product weight	1 g
Load range	0.8 kg
Type of mounting	With lock nut
Note on materials	RoHS-compliant
Seals material	NBR
Housing material	High-alloy steel
Piston rod material	High-alloy steel