

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	Any
Position sensing	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 velocity	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	8 mm
Max. stop force	500 N
Max. tightening torque	5 Nm
Max. energy absorption per stroke	3 J
Max. energy absorption per hour	18000 J
Max. residual energy	0.002 J
Resetting force	2.5 N
Min. insertion force	18 N
Product weight	10 g
Load range	15 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