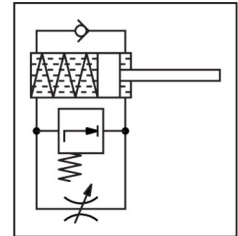


# Shock absorber DYSC-16-18-Y1F

Part number: 553593

FESTO



[PDF](#) General operating condition

## Data sheet

Feature	Value
Size	16
Stroke	18 mm
Cushioning	Self-adjusting
Mounting position	Any
Position sensing	None
Symbol	00991497
Max. impact velocity	3 m/s
Reset time at room temperature	0.3 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
Ambient temperature	-10 °C ... 80 °C
Cushioning length	18 mm
Max. stop force	2000 N
Max. energy absorption per stroke	25 J
Max. energy absorption per hour	50000 J
Max. residual energy	0.16 J
Resetting force	6 N
Min. insertion force	60 N
Product weight	210 g
Load range	70 kg
Type of mounting	With locknut
Note on materials	RoHS compliant
Seals material	NBR
Housing material	Steel, galvanized
Piston rod material	High-alloy steel