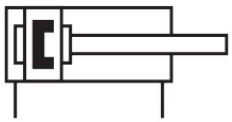
Stopper cylinder
DFSP-50-25-DS-PA

Part number: 576148





Data sheet

Feature	Value
Stroke	25 mm
Piston diameter	50 mm
Cushioning	Elastic cushioning rings/plates at both ends
Mounting position	Any
Mode of operation	Double-acting
Design	Piston Piston rod Profile barrel
Position detection	Via proximity switch
Protection against torque/guide	Round piston rod
Operating pressure	0.1 MPa...1 MPa 1 bar...10 bar
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Cleanroom suitability, measured according to ISO 14644-14	Class 5 according to ISO 14644-1
Ambient temperature	-10 °C...80 °C
Impact force	6280 N
Permissible lateral force during switching operation	1570 N
Max. cycle frequency	5 Hz
Type of mounting	Either: With through-hole With female thread With accessories
Pneumatic connection	G1/8
Note on materials	RoHS compliant
Material collar screws	Galvanised steel
Material cover	Wrought aluminium alloy anodised
Material seals	TPE-U(PU)
Material piston rod	High-alloy stainless steel
Material roll	Galvanised steel

Feature	Value
Material cylinder barrel	Wrought aluminium alloy Smooth-anodised