Stopper cylinder
DFSP-32-20-PF-PA

Part number: 576112





General operating condition

Data sheet

Feature	Value
Stroke	20 mm
Piston diameter	32 mm
Piston rod thread	M6
Cushioning	Elastic cushioning rings/plates at both ends
Mounting position	optional
Mode of operation	Single-acting Pulling
Design	Piston Piston rod Profile barrel
Position detection	Via proximity switch
Piston-rod end	Female thread
Symbol	00991850
Variants	Piston rod with female thread
Protection against torque/guide	Round piston rod
Operating pressure	0.12 MPa ... 1 MPa
Operating pressure	1.2 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 class	Class 5 according to ISO 14644-1
Ambient temperature	-10 °C ... 80 °C
Impact force	3270 N
Permissible lateral force during switching operation	595 N
Max. cycle frequency	5 Hz
Type of mounting	Either: With through-hole Via 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

Feature	Value
Material roll	Galvanised steel
Material cylinder barrel	Wrought aluminium alloy Smooth anodised