Stopper cylinder
DFSP-50-25-PF-PA

Part number: 576160





Data sheet

Feature	Value
Stroke	25 mm
Piston diameter	50 mm
Piston rod thread	M8
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Mode of operation	Single-acting Pulling
Structural design	Piston Piston rod Profile barrel
Position sensing	Via proximity switch
Piston rod end	Internal thread
Variants	Internal thread on piston rod
Protection against torsion/guide	Round piston rod
Operating pressure	0.12 MPa...1 MPa 1.2 bar...10 bar
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
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
Permissible impact force on the advanced piston rod	6280 N
Permissible lateral force during switching operation	1570 N
Max. cycle rate	5 Hz
Type of mounting	Alternatively: With through-hole With internal thread With accessories
Pneumatic connection	G1/8
Note on materials	RoHS compliant
Flange screws material	Steel, galvanized
Cover material	Wrought aluminum alloy Anodized

Feature	Value
Seals material	TPE-U(PU)
Piston rod material	high-alloy stainless steel
Roller material	Steel, galvanized
Material of cylinder barrel	Wrought aluminum alloy Smooth-anodized