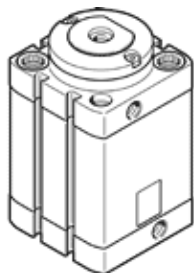


# Stopper cylinder DFSP-Q-50-25-DF-PA

Part number: 576163

FESTO



## Data sheet

Feature	Value
Stroke	25 mm
Piston diameter	50 mm
Piston rod thread	M8
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Mode of operation	double-acting
Design structure	Piston Piston rod Profile barrel Non-rotating
Position detection	For proximity sensor
Piston-rod end	Female thread
Variants	Female thread on piston rod Non-rotating piston rod
Protection against torque/guide	Flattened piston rod
Operating pressure MPa	0.1 ... 1 MPa
Working pressure	1 ... 10 bar
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Ambient temperature	-10 ... 80 °C
Permissible impact force on the advanced piston rod	6,280 N
Permissible lateral force during switching operation	1,570 N
Max. cycle frequency	5 Hz
Mounting type	with through hole with internal (female) thread with accessories Optional
Pneumatic connection	G1/8
Materials note	Conforms to RoHS
Material of flange screw	steel, galvanized
Material cover	Wrought Aluminum alloy Anodized
Material seals	TPE-U(PU)
Material piston rod	High alloy steel, non-corrosive
Material roll	steel, galvanized
Material cylinder barrel	Wrought Aluminum alloy Smooth anodized