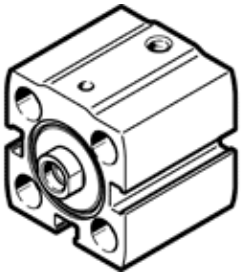
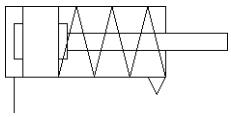
compact cylinder
AEN-S-16-10-I-P

Part number: 8076492

FESTO





Data sheet

Feature	Value
Stroke	10 mm
Piston diameter	16 mm
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Mode of operation	pushing action
Piston-rod end	Female thread
Design structure	Piston Piston rod
Variants	Single-ended piston rod
Operating pressure MPa	0.1 ... 1 MPa
Operating 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	1 - Low corrosion stress
PWIS conformity	VDMA24364-B2-L
Ambient temperature	0 ... 60 °C
Impact energy in end positions	0.038 J
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	9.5 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	95 N
Moving mass with 0 mm stroke	6 g
Additional mass factor per 10 mm of stroke	4 g
Basic weight for 0 mm stroke	32.5 g
Additional weight per 10 mm stroke	18 g
Mounting type	with through hole with internal (female) thread with accessories Optional
Pneumatic connection	M5
Materials note	Conforms to RoHS
Material cover	Anodised wrought aluminium alloy
Material of dynamic seals	NBR
Material housing	Anodised wrought aluminium alloy
Material piston rod	High alloy steel, non-corrosive