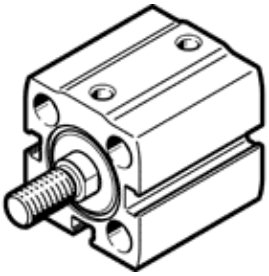
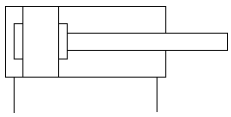
compact cylinder
ADN-S-25-50-A-P

Part number: 8092105





Data sheet

Feature	Value
Stroke	50 mm
Piston diameter	25 mm
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Mode of operation	double-acting
Piston-rod end	Male thread
Design structure	Piston Piston rod
Variants	Single-ended piston rod
Operating pressure MPa	0.06 ... 1 MPa
Operating pressure	0.6 ... 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	0.18 J
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	247 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	295 N
Moving mass with 0 mm stroke	17 g
Additional mass factor per 10 mm of stroke	6 g
Basic weight for 0 mm stroke	70 g
Additional weight per 10 mm stroke	30 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