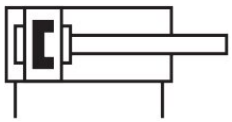
Compact cylinder
ADN-S-40-50-I-P-A

Part number: 5138615





Data sheet

Feature	Value
Stroke	50 mm
Piston diameter	40 mm
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Mode of operation	Double-acting
Piston rod end	Internal thread
Structural design	Piston Piston rod
Position sensing	Via proximity switch
Variants	Piston rod at one end
Operating pressure	0.06 MPa...1 MPa 0.6 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)	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Cleanroom suitability, measured according to ISO 14644-14	Class 5 according to ISO 14644-1
Ambient temperature	0 °C...80 °C
Impact energy in the end positions	0.7 J
Theoretical force at 6 bar, retracting	686 N
Theoretical force at 6 bar, advancing	754 N
Moving mass at 0 mm stroke	62 g
Additional moving mass per 10 mm stroke	9 g
Basic weight with 0 mm stroke	304 g
Additional weight per 10 mm stroke	45 g
Type of mounting	Alternatively: With through-hole With internal thread With accessories
Pneumatic connection	M5
Note on materials	RoHS compliant
Cover material	Wrought aluminum alloy, anodized
Material of dynamic seals	TPE-U(PU)

Feature	Value
Housing material	Wrought aluminum alloy, anodized
Piston rod material	high-alloy stainless steel