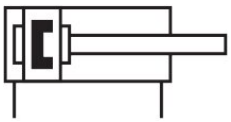
Compact cylinder
ADN-S-63-45-I-P-A

Part number: 5132671



General operating condition

Data sheet

Feature	Value
Stroke	45 mm
Piston diameter	63 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	For proximity sensor
Symbol	00991217
Variants	Piston rod at one end
Operating pressure	0.04 MPa ... 1 MPa
Operating pressure	0.4 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
Ambient temperature	0 °C ... 80 °C
Impact energy in the end positions	1.3 J
Theoretical force at 6 bar, retracting	1750 N
Theoretical force at 6 bar, advancing	1870 N
Moving mass at 0 mm stroke	151 g
Additional moving mass per 10 mm stroke	16 g
Basic weight with 0 mm stroke	499 g
Additional weight per 10 mm stroke	77 g
Type of mounting	With through-hole With internal thread With accessories
Pneumatic connection	G1/8
Note on materials	RoHS-compliant
Cover material	Wrought aluminum alloy, anodized
Material of dynamic seals	TPE-U(PU)
Housing material	Wrought aluminum alloy, anodized
Piston rod material	High-alloy stainless steel