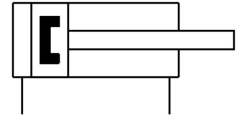


Compact air cylinder ADN-S-6-10-A-A

Part number: 8080595

FESTO



Data sheet

Feature	Value
Housing material	Anodized Wrought aluminum alloy
Stroke	10 mm
Piston diameter	6 mm
Type code	ADN-S
Cushioning	No cushioning
Mounting position	Any
Mode of operation	Double-acting
Piston rod end	External thread
Design	Piston rod Piston
Position sensing	For proximity sensor
Symbol	00991216
Variants	Piston rod at one end
Operating pressure	1.5 bar ... 8 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
Ambient temperature	-10 °C ... 60 °C
Impact energy in the end positions	0.006 J
Theoretical force at 6 bar, retracting	9.4 N
Theoretical force at 6 bar, advancing	17 N
Moving mass	2.4 g
Product weight	15 g
Type of mounting	With through-hole
Pneumatic connection	M3
Note on materials	RoHS-compliant
Cover material	Wrought aluminum alloy
Material of dynamic seals	NBR TPE-U(PU)
Piston rod material	High-alloy stainless steel