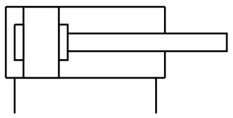
Compact cylinder
ADN-S-32-30-I-P

Part number: 8076374



Data sheet

Feature	Value
Stroke	30 mm
Piston diameter	32 mm
Cushioning	Elastic cushioning rings/plates at both ends
Mounting position	optional
Mode of operation	Double-acting
Piston-rod end	Female thread
Design	Piston Piston rod
Symbol	00991227
Variants	Piston rod at one end
Operating pressure	0.06 MPa ... 1 MPa
Operating pressure	0.6 bar ... 10 bar
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	1 - Low corrosion stress
Ambient temperature	0 °C ... 60 °C
Impact energy in end positions	0.26 J
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	415 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	483 N
Moving mass for 0 mm stroke	31 g
Additional moving mass per 10 mm stroke	9 g
Basic weight for 0 mm stroke	107 g
Additional weight per 10 mm stroke	36 g
Type of mounting	Either: With through-hole Via female thread With accessories
Pneumatic connection	M5
Note on materials	RoHS-compliant
Material cover	Anodised wrought aluminium alloy
Material dynamic seals	NBR
Material housing	Anodised wrought aluminium alloy
Material piston rod	High-alloy stainless steel