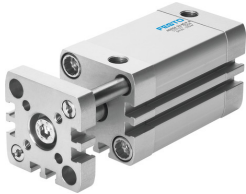


Compact cylinder ADNGF-32-50-P-A

Part number: 554245

FESTO



Data sheet

Feature	Value
Stroke	50 mm
Piston diameter	32 mm
Short type code	ADNGF
Based on standard	ISO 21287
Cushioning	Elastic cushioning rings/plates at both ends
Mounting position	optional
Design	Piston Piston rod Profile barrel
Position detection	Via proximity switch
Protection against torque/guide	Guide rod with yoke
Operating pressure	1 bar ... 10 bar
Operating pressure	0.1 MPa ... 1 MPa
Mode of operation	Double-acting
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	2 - Moderate corrosion stress
Ambient temperature	-20 °C ... 80 °C
Impact energy in end positions	0.4 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	122 g
Additional weight per 10 mm stroke	38 g
Basic weight for 0 mm stroke	327 g
Additional moving mass per 10 mm stroke	17 g
Pneumatic connection	G1/8
Note on materials	RoHS-compliant
Material cover	Aluminium Anodised
Material seals	TPE-U(PUR)
Material piston rod	High-alloy steel
Material cylinder barrel	Wrought aluminium alloy Smooth anodised