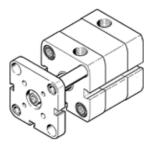
## Compact cylinder ADNGF-20-10-P-A Part number: 554221

According to ISO 21287, with plain-bearing guide, piston rod secured against rotation by means of guide rods and yoke plate.



## **Data sheet**

Feature	values
Stroke	10 mm
Piston diameter	20 mm
Based on the standard	ISO 21287
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Design structure	Piston
	Piston rod
	Profile barrel
Position detection	For proximity sensor
Protection against torque/guide	Guide rod with yoke
Working pressure	1.5 10 bar
Mode of operation	double-acting
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further
	operation)
Corrosion resistance classification CRC	2
Ambient temperature	-20 80 °C
Impact energy in end positions	0.2 J
Theoretical force at 6 bar, return stroke	141 N
Theoretical force at 6 bar, advance stroke	188 N
Moving mass with 0 mm stroke	60 g
Additional weight per 10 mm stroke	26 g
Basic weight for 0 mm stroke	161 g
Additional mass factor per 10 mm of stroke	11 g
Pneumatic connection	M5
Materials note	Conforms to RoHS
Materials information for cover	Aluminum
	Anodized
Materials information for seals	TPE-U(PUR)
Materials information for piston rod	High alloy steel
Materials information for cylinder barrel	Wrought Aluminum alloy
	Smooth anodized

**FESTO**