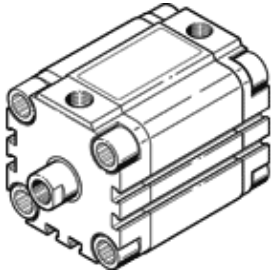


# compact cylinder ADVU-50-25-P-A

Part number: 156553

FESTO

For proximity sensing, piston-rod end with female thread.



## Data sheet

Feature	values
Stroke	25 mm
Piston diameter	50 mm
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Mode of operation	double-acting
Piston-rod end	Female thread
Design structure	Piston Piston rod
Position detection	For proximity sensor
Variants	Single-ended piston rod
Operating pressure	0.8 ... 10 bar
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 - Moderate corrosion stress
Ambient temperature	-20 ... 80 °C
Impact energy in end positions	0.64 J
Theoretical force at 6 bar, return stroke	1,057 N
Theoretical force at 6 bar, advance stroke	1,178 N
Moving mass with 0 mm stroke	112 g
Additional weight per 10 mm stroke	72 g
Basic weight for 0 mm stroke	560 g
Additional mass factor per 10 mm of stroke	16 g
Mounting type	Optional with through hole with accessories
Pneumatic connection	G1/8
Materials information for collar screws	steel, galvanized
Materials information for cover	Wrought Aluminium alloy
Materials information for dynamic seals	NBR TPE-U(PU)
Materials information for piston rod	High alloy steel
Materials information for cylinder barrel	Wrought Aluminium alloy