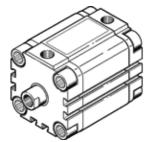
## **Compact cylinder ADVU-40-20-P-A** Part number: 156543 Classic - do not use for new projects

For proximity sensing, piston-rod end with female thread. Modern alternatives can be found by entering the first four characters of the type code in the search field.



## **Data sheet**

Feature	Value
Stroke	20 mm
Piston diameter	40 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 MPa	0.08 1 MPa
Working pressure	0.8 10 bar
Operating pressure	11.6 145 psi
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
PWIS conformity	VDMA24364-B1/B2-L
Ambient temperature	-20 80 °C
Impact energy in end positions	0.52 J
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	686 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	754 N
Moving mass with 0 mm stroke	63 g
Additional mass factor per 10 mm of stroke	9 g
Basic weight for 0 mm stroke	433 g
Additional weight per 10 mm stroke	59 g
Mounting type	with through hole
	with accessories
	Optional
Pneumatic connection	G1/8
Material of flange screw	steel, galvanized
Material cover	Wrought Aluminum alloy
Material of dynamic seals Material piston rod	NBR TPE-U(PU)
	High alloy steel
Material cylinder barrel	Wrought Aluminum alloy
material cylinder Daffel	j wrought Aluminum alloy

## **FESTO**

