

Compact cylinder

ADVU-40- -P-A-S1

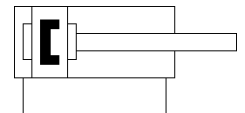
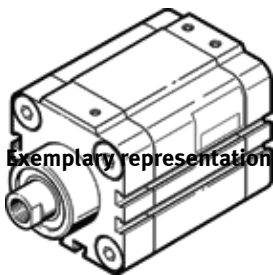
Part number: 161156
Classic - do not use for new projects



For proximity sensing, Piston-rod end with female thread
With this product, the flange mounting FUA-... can only be attached to the end-cap side.

Modern alternatives can be found by entering the first four characters of the type code in the search field.

Type to be discontinued. Available until 2022. See Support Portal for alternative products.



Data sheet

Feature	Value
Stroke	1 ... 2,000 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	reinforced piston rod
Working pressure	0.8 ... 10 bar
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	0.52 J
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	633 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	16 g
Basic weight for 0 mm stroke	550 g
Additional weight per 10 mm stroke	74 g
Mounting type	with through hole with accessories Optional
Pneumatic connection	M5
Material of flange screw	High alloy steel, non-corrosive
Material cover	Wrought Aluminum alloy Anodized
Material of dynamic seals	NBR TPE-U(PU)
Material piston rod	High alloy steel, non-corrosive
Material cylinder barrel	Wrought Aluminum alloy Smooth anodized