

compact cylinder

ADVULQ-32-80-A-P-A

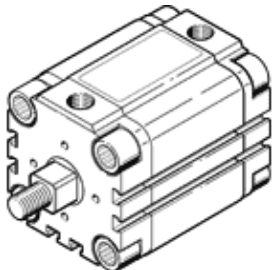
Part number: 156797

Classic - do not use for new projects

FESTO

For proximity sensing. Secured against rotation by means of square piston rod.

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



Data sheet

Feature	Value
Stroke	80 mm
Piston diameter	32 mm
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Mode of operation	double-acting
Piston-rod end	Male thread
Design structure	Piston Piston rod
Position detection	For proximity sensor
Variants	Single-ended piston rod
Protection against torque/guide	Square 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	0.4 J
Theoretical force at 6 bar, return stroke	415 N
Theoretical force at 6 bar, advance stroke	483 N
Moving mass with 0 mm stroke	49 g
Additional weight per 10 mm stroke	40 g
Basic weight for 0 mm stroke	300 g
Additional mass factor per 10 mm of stroke	9 g
Mounting type	with through hole with accessories Optional
Pneumatic connection	G1/8
Material of flange screw	steel, galvanized
Material cover	Wrought Aluminium alloy
Material of dynamic seals	NBR TPE-U(PU)
Material piston rod	High alloy steel, non-corrosive
Material cylinder barrel	Wrought Aluminium alloy