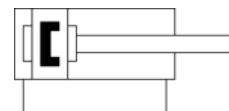
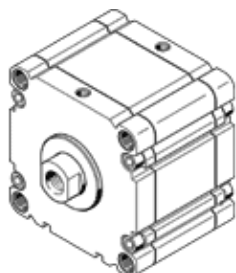


Compact cylinder ADVU-125-15-P-A

Part number: 175751

FESTO

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



Data sheet

Feature	values
Stroke	15 mm
Piston diameter	125 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
Working pressure	0.5 ... 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
Ambient temperature	-20 ... 80 °C
Impact energy in end positions	3.3 J
Theoretical force at 6 bar, return stroke	6,881 N
Theoretical force at 6 bar, advance stroke	7,363 N
Moving mass with 0 mm stroke	1,317 g
Additional weight per 10 mm stroke	168 g
Basic weight for 0 mm stroke	3,426 g
Additional mass factor per 10 mm of stroke	63 g
Mounting type	Optional with through hole with accessories
Pneumatic connection	G1/4
Materials information for collar screws	steel, galvanized
Materials information for cover	Wrought Aluminum alloy
Materials information for dynamic seals	TPE-U(PU) NBR
Materials information for piston rod	High alloy steel
Materials information for cylinder barrel	Wrought Aluminum alloy