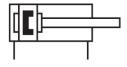
## Short-stroke cylinder ADVC-40-25-A-P-A Part number: 188246



## **Data sheet**

Feature	Value
Stroke	25 mm
Piston diameter	40 mm
Based on standard	ISO 6431 Hole pattern VDMA 24562
Cushioning	Elastic cushioning rings/plates at both ends
Mounting position	optional
Mode of operation	Double-acting
Design	Piston Piston rod
Position detection	Via proximity switch
Operating pressure	0.1 MPa1 MPa 1 bar10 bar 14.5 psi145 psi
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature	-20 °C80 °C
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	686 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	754 N
Moving mass	86 g
Moving mass for 0 mm stroke	61 g
Additional moving mass per 10 mm stroke	10 g
Product weight	290 g
Basic weight for 0 mm stroke	275 g
Additional weight per 10 mm stroke	26 g
Type of mounting	With through-hole With accessories Either:
Pneumatic connection	G1/8
Note on materials	RoHS-compliant

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Feature	Value
	Wrought aluminium alloy Anodised
Material seals	TPE-U(PU)
	Wrought aluminium alloy Anodised
Material piston rod	High-alloy steel