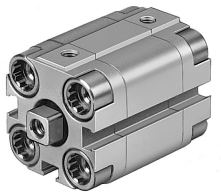
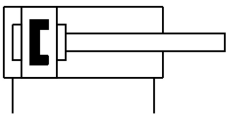
Compact cylinder ADVULQ-25- -P-A-S6

Part number: 156133





Data sheet

Feature	Value
Stroke	1 mm...200 mm
Piston diameter	25 mm
Cushioning	Elastic cushioning rings/plates at both ends
Mounting position	optional
Mode of operation	Double-acting
Piston-rod end	Female thread
Design	Piston Piston rod
Position detection	Via proximity switch
Variants	Heat-resistant seals max. 120°C
Protection against torque/guide	Square piston rod
Operating pressure	0.1 MPa...0.6 MPa 1 bar...6 bar 14.5 psi...87 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	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature	0 °C...120 °C
Impact energy in end positions	0.1 J
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	247 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	295 N
Moving mass for 0 mm stroke	26 g
Additional moving mass per 10 mm stroke	6 g
Basic weight for 0 mm stroke	180 g
Additional weight per 10 mm stroke	28 g
Type of mounting	Either: With through-hole With accessories
Pneumatic connection	M5
Material collar screws	Galvanised steel
Material cover	Wrought aluminium alloy

Feature	Value
Material dynamic seals	FPM
Material piston rod	High-alloy stainless steel
Material cylinder barrel	Wrought aluminium alloy