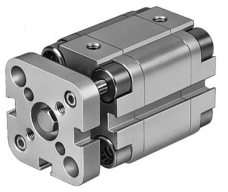
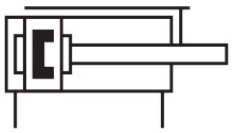
Compact cylinder
ADVUL-20-30-P-A

Part number: 156863





General operating condition

Data sheet

Feature	Value
Stroke	30 mm
Piston diameter	20 mm
Cushioning	Elastic cushioning rings/plates at both ends
Mounting position	optional
Design	Piston Piston rod
Position detection	Via proximity switch
Symbol	00991737
Variants	Piston rod at one end
Protection against torque/guide	Guide rod with yoke
Operating pressure	0.1 MPa ... 1 MPa
Operating pressure	1 bar ... 10 bar
Mode of operation	Double-acting
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	-20 °C ... 80 °C
Impact energy in end positions	0.14 J
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	141 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	188 N
Moving mass for 0 mm stroke	50 g
Additional moving mass per 10 mm stroke	11 g
Basic weight for 0 mm stroke	179 g
Additional weight per 10 mm stroke	26 g
Type of mounting	Either: With through-hole With accessories
Pneumatic connection	M5
Material collar screws	Galvanised steel
Material cover	Wrought aluminium alloy
Material dynamic seals	NBR TPE-U(PU)
Material piston rod	High-alloy stainless steel
Material cylinder barrel	Wrought aluminium alloy