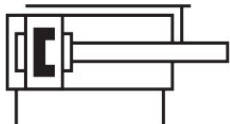


# Compact cylinder ADVUL-80- -P-A-S6

Part number: 156218

FESTO



## Data sheet

Feature	Value
Stroke	1 mm...400 mm
Piston diameter	80 mm
Cushioning	Elastic cushioning rings/plates at both ends
Mounting position	optional
Design	Piston Piston rod
Position detection	Via proximity switch
Variants	Heat-resistant seals max. 120°C
Protection against torque/guide	Guide rod with yoke
Operating pressure	0.1 MPa...1 MPa 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	0 °C...120 °C
Impact energy in end positions	0.75 J
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	2827 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	3016 N
Type of mounting	Either: With through-hole With accessories
Pneumatic connection	G1/8
Material collar screws	Galvanised steel
Material cover	Wrought aluminium alloy
Material dynamic seals	FPM
Material piston rod	High-alloy steel
Material cylinder barrel	Wrought aluminium alloy