

# Compact cylinder CDC-25- -

Part number: 543306

FESTO



 General operating condition

## Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Stroke	1 mm ... 300 mm
Piston diameter	25 mm
Based on standard	ISO 21287
Cushioning	Elastic cushioning rings/plates at both ends
Mounting position	Any
Design	Piston Piston rod
Variants	Extended male piston rod thread Custom thread on the piston rod Extended piston rod Through piston rod Heat-resistant seals max. 120°C Piston rod at one end
Operating pressure	0.06 MPa ... 1 MPa
Operating pressure	0.6 bar ... 10 bar
Mode of operation	Double-acting
CE mark (see declaration of conformity)	To EU EMC Directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC
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	3 - high corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L VDMA24364 zone III
Suitable for use with food	See supplementary material information
Ambient temperature	-20 °C ... 120 °C
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	247 N ... 295 N
Type of mounting	With through-hole With female thread
Pneumatic connection	M5
Material cover	Wrought aluminium alloy anodised
Material piston rod	High-alloy stainless steel
Material cylinder barrel	Wrought aluminium alloy anodised