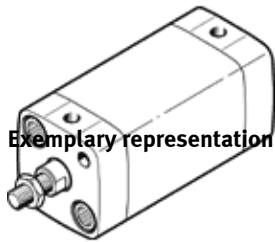


compact cylinder

CDC-25- -

Part number: 543306

FESTO



Exemplary representation

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Stroke	1 ... 300 mm
Piston diameter	25 mm
Based on the standard	ISO 21287
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Design structure	Piston Piston rod
Variants	Extended male piston rod thread Piston rod with special thread Extended piston rod Through piston rod Heat resistant seals, max. 120°C Single-ended piston rod
Operating pressure MPa	0.06 ... 1 MPa
Operating pressure	0.6 ... 10 bar
Mode of operation	double-acting
CE mark (see declaration of conformity)	to EU directive for EMC
UKCA marking (see declaration of conformity)	To UK instructions for EMC
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Corrosion resistance classification CRC	3 - High corrosion stress
PWIS conformity	VDMA24364-B2-L VDMA24364 zone III
Food-safe	See Supplementary material information
Ambient temperature	-20 ... 120 °C
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	247 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	247 ... 295 N
Mounting type	with through hole with internal (female) thread Optional
Pneumatic connection	M5
Material cover	Wrought Aluminium alloy Anodised
Material piston rod	High alloy steel, non-corrosive
Material cylinder barrel	Wrought Aluminium alloy Anodised