Compact cylinder
CDC-32- -

Part number: 543307



Data sheet

Feature	Value
Stroke	1 mm...400 mm
Piston diameter	32 mm
Based on standard	ISO 21287
Cushioning	Elastic cushioning rings/plates at both ends
Mounting position	Any
Design	Piston Piston rod
Position detection	Via proximity switch
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 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	415 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	415 N...483 N
Type of mounting	Either: With through-hole With female thread
Pneumatic connection	G1/8
Material cover	Wrought aluminium alloy anodised

Feature	Value
Material piston rod	High-alloy stainless steel
Material cylinder barrel	Wrought aluminium alloy anodised