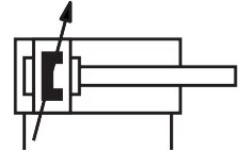



ISO cylinder CRDNGS-125- -PPV-A-S6

Part number: 185306

FESTO



 [General operating condition](#)

Data sheet

Overall data sheet – Individual values depend upon your configuration.

| Feature | Value |
|--|--|
| Stroke | 10 mm ... 2000 mm |
| Piston diameter | 125 mm |
| Piston rod thread | M27x2 |
| Based on standard | ISO 15552 |
| Cushioning | Pneumatic cushioning, adjustable at both ends |
| Mounting position | optional |
| Piston-rod end | Male thread |
| Design | Piston Piston rod Swivel clevis Tie rod Cylinder barrel |
| Position detection | Via proximity switch |
| Symbol | 00991235 |
| Variants | End cap with swivelling rod eye Heat-resistant seals max. 120°C |
| Operating pressure | 0.06 MPa ... 1 MPa |
| Operating pressure | 0.6 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 | 4 - Very high corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B2-L |
| Suitable for use with food | See supplementary material information |
| Ambient temperature | 0 °C ... 120 °C |
| Cushioning length | 40 mm |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke | 6881 N |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke | 7363 N |
| Moving mass for 0 mm stroke | 2523 g |
| Additional moving mass per 10 mm stroke | 64 g |
| Basic weight for 0 mm stroke | 16543 g |
| Additional weight per 10 mm stroke | 156 g |
| Type of mounting | Either: Via female thread With accessories |

| Feature | Value |
|--------------------------|----------------------------|
| Pneumatic connection | G1/2 |
| Material cover | Stainless steel casting |
| Material seals | FPM |
| Material housing | High-alloy stainless steel |
| Material piston | Wrought aluminium alloy |
| Material piston rod | High-alloy stainless steel |
| Material cylinder barrel | High-alloy stainless steel |
| Material nut | High-alloy stainless steel |
| Material bearing | Metal polymer compound |
| Material collar nut | High-alloy stainless steel |
| Material tie rod | High-alloy stainless steel |