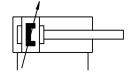
ISO cylinder CRDNG-100- -PPV-A-S6 Part number: 185298







Data sheet

| Feature | Value |
|--|--|
| Stroke | 10 mm2000 mm |
| Piston diameter | 100 mm |
| Piston rod thread | M20x1.5 |
| Cushioning | Pneumatic cushioning, adjustable at both ends |
| Mounting position | optional |
| Conforms to standard | ISO 15552 |
| Piston-rod end | Male thread |
| Design | Piston Piston rod Tie rod Cylinder barrel |
| Position detection | Via proximity switch |
| Variants | Heat-resistant seals max. 120°C |
| Operating pressure | 0.06 MPa1 MPa 0.6 bar10 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 °C120 °C |
| Cushioning length | 30 mm |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke | 4418 N |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke | 4712 N |
| Moving mass for 0 mm stroke | 1310 g |
| Additional moving mass per 10 mm stroke | 39 g |
| Basic weight for 0 mm stroke | 8330 g |
| Additional weight per 10 mm stroke | 99 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 |