

# Flat cylinder EZH-5/20-50-B

Part number: 164994

FESTO



 [General operating condition](#)

## Data sheet

| Feature  | Value  |
|--|--|
| Stroke   | 50 mm  |
| Piston diameter  | 12 mm<br>Equivalent diameter   |
| Cushioning   | No cushioning  |
| Mounting position  | Any  |
| Mode of operation  | Pushing<br>Single-acting   |
| Design   | Piston<br>Rectangular piston rod   |
| Position detection   | None   |
| Symbol   | 00991200   |
| Protection against torque/guide                              | Rectangular piston rod   |
| Operating pressure   | 0.25 MPa ... 0.6 MPa   |
| Operating pressure   | 2.5 bar ... 6 bar  |
| 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                               | 2 - Moderate corrosion stress  |
| LABS (PWIS) conformity                                       | VDMA24364-B2-L   |
| Ambient temperature  | 0 °C ... 60 °C   |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke | 49 N   |
| Theoretical min. spring return force                         | 10.6 N   |
| Theoretical max. spring return force                         | 13.6 N   |
| Product weight   | 145 g  |
| Type of mounting   | With cross bore  |
| Pneumatic connection   | Barbed connector PK-3  |
| Material cover   | Aluminium  |
| Material seals   | NBR  |
| Material housing   | Aluminium  |
| Material piston rod  | Steel<br>nickel-plated   |