

# Hydraulic cushioning cylinder DYHR-16-20-Y5

Part number: 1155690

FESTO



 General operating condition

## Data sheet

| Feature                            | Value                        |
|------------------------------------|------------------------------|
| Size                               | 16                           |
| Stroke                             | 20 mm                        |
| Cushioning                         | Adjustable                   |
| Mounting position                  | optional                     |
| Mode of operation                  | Pushing<br>Single-acting     |
| Position detection                 | Without                      |
| Max. impact speed                  | 0.3 m/s                      |
| Feed speed                         | 0.2 mm/s ... 100 mm/s        |
| Reset time at room temperature     | 0.4 s                        |
| Corrosion resistance class CRC     | 1 - Low corrosion stress     |
| LABS (PWIS) conformity             | VDMA24364-B2-L               |
| Ambient temperature                | 0 °C ... 80 °C               |
| Max. stop force                    | 1600 N                       |
| Max. energy consumption per stroke | 32 J                         |
| Max. energy consumption per hour   | 65000 J                      |
| Min. feed force                    | 160 N                        |
| Max. feed force                    | 1600 N                       |
| Max. residual energy               | 0.16 J                       |
| Reset force                        | 5.4 N                        |
| Product weight                     | 190 g                        |
| Type of mounting                   | Via lock nut                 |
| Note on materials                  | RoHS-compliant               |
| Material seals                     | NBR                          |
| Material housing                   | Steel<br>Galvanised          |
| Material piston rod                | Hardened<br>High-alloy steel |