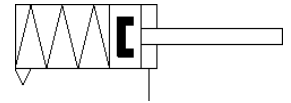


# stopper cylinder

## DFST-80-40-L-Y4-A-S-G2

Part number: 8089690

FESTO



### Data sheet

| Feature                                             | Value                                                                                    |
|-----------------------------------------------------|------------------------------------------------------------------------------------------|
| Stroke                                              | 40 mm                                                                                    |
| Piston diameter                                     | 80 mm                                                                                    |
| Cushioning                                          | P: Flexible cushioning rings/plates at both ends<br>Shock absorber, adjustable, at front |
| Assembly position                                   | Vertical                                                                                 |
| Mode of operation                                   | double-acting<br>pulling action                                                          |
| Design structure                                    | Piston rod with toggle lever                                                             |
| Position detection                                  | For proximity sensor                                                                     |
| Sensing of the toggle lever position                | For inductive sensors                                                                    |
| Protection against torque/guide                     | Guide rod                                                                                |
| Operating pressure                                  | 2 ... 10 bar                                                                             |
| Operating medium                                    | Compressed air in accordance with ISO8573-1:2010 [7:-:-]                                 |
| Corrosion resistance classification CRC             | 1 - Low corrosion stress                                                                 |
| PWIS conformity                                     | VDMA24364 zone III                                                                       |
| Ambient temperature                                 | 5 ... 60 °C                                                                              |
| Cushioning length                                   | 20 mm                                                                                    |
| Permissible impact force on the advanced piston rod | 6,000 N                                                                                  |
| Product weight                                      | 6,350 g                                                                                  |
| Mounting type                                       | with through hole                                                                        |
| Pneumatic connection                                | G1/8                                                                                     |
| Materials note                                      | Conforms to RoHS                                                                         |
| Material cover                                      | Aluminium die cast                                                                       |
| Material seals                                      | NBR                                                                                      |
| Material housing                                    | Wrought Aluminium alloy                                                                  |
| Material piston rod                                 | High alloy steel, non-corrosive                                                          |
| Material roll                                       | Steel                                                                                    |