

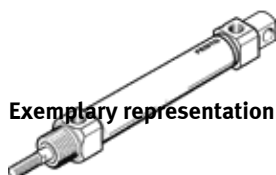
# round cylinder DSAS-63- -PPV-A

Part number: 172862  
Product to be discontinued

FESTO

[End cap with swivel bearing](#)

Type to be discontinued. Available until 2024. See Support Portal for alternative products.



Exemplary representation



## Data sheet

| Feature                                                  | Value                                                                       |
|----------------------------------------------------------|-----------------------------------------------------------------------------|
| Stroke                                                   | 1 ... 500 mm                                                                |
| Piston diameter                                          | 63 mm                                                                       |
| Cushioning                                               | PPV: Pneumatic cushioning adjustable at both ends                           |
| Operating pressure                                       | 1 ... 10 bar                                                                |
| Mode of operation                                        | double-acting                                                               |
| Operating medium                                         | Compressed air in accordance with ISO8573-1:2010 [7:4:4]                    |
| Note on operating and pilot medium                       | Lubricated operation possible (subsequently required for further operation) |
| Corrosion resistance classification CRC                  | 2 - Moderate corrosion stress                                               |
| PWIS conformity                                          | VDMA24364-B2-L                                                              |
| Ambient temperature                                      | -20 ... 80 °C                                                               |
| Cushioning length                                        | 27 mm                                                                       |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting | 1,682 N                                                                     |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance    | 1,870 N                                                                     |
| Moving mass with 0 mm stroke                             | 1,137 g                                                                     |
| Additional mass factor per 10 mm of stroke               | 24.8 g                                                                      |
| Basic weight for 0 mm stroke                             | 1,397 g                                                                     |
| Additional weight per 10 mm stroke                       | 43.9 g                                                                      |
| Pneumatic connection                                     | M45x1,5                                                                     |
| Material cover                                           | Wrought Aluminium alloy                                                     |
| Material seals                                           | NBR<br>TPE-U(PU)                                                            |
| Material housing                                         | High alloy steel, non-corrosive                                             |
| Material piston rod                                      | High alloy steel                                                            |