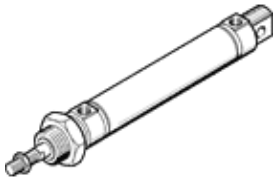


# ISO cylinder DSNU-16-35-P-A

Part number: 1908262

★ Core product range

FESTO



## Data sheet

| Feature                                    | Value                                                                       |
|--------------------------------------------|-----------------------------------------------------------------------------|
| Stroke                                     | 35 mm                                                                       |
| Piston diameter                            | 16 mm                                                                       |
| Piston rod thread                          | M6                                                                          |
| Cushioning                                 | P: Flexible cushioning rings/plates at both ends                            |
| Assembly position                          | Any                                                                         |
| Conforms to standard                       | CETOP RP 52 P<br>ISO 6432                                                   |
| Piston-rod end                             | Male thread                                                                 |
| Design structure                           | Piston<br>Piston rod<br>Cylinder barrel                                     |
| Position detection                         | For proximity sensor                                                        |
| Variants                                   | Single-ended piston rod                                                     |
| 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                                               |
| Ambient temperature                        | -20 ... 80 °C                                                               |
| Maritime classification                    | see certificate                                                             |
| Impact energy in end positions             | 0.15 J                                                                      |
| Theoretical force at 6 bar, return stroke  | 103.7 N                                                                     |
| Theoretical force at 6 bar, advance stroke | 120.6 N                                                                     |
| Moving mass with 0 mm stroke               | 23 g                                                                        |
| Additional weight per 10 mm stroke         | 4.6 g                                                                       |
| Basic weight for 0 mm stroke               | 89.9 g                                                                      |
| Additional mass factor per 10 mm of stroke | 2 g                                                                         |
| Mounting type                              | with accessories                                                            |
| Pneumatic connection                       | M5                                                                          |
| Materials note                             | Conforms to RoHS                                                            |
| Material cover                             | Wrought Aluminium alloy<br>neutral anodisation                              |
| Material seals                             | NBR<br>TPE-U(PU)                                                            |
| Material piston rod                        | High alloy steel, non-corrosive                                             |
| Material cylinder barrel                   | High alloy steel, non-corrosive                                             |