

## Compact Cylinder ADVULQ-63-30-A-P-A - Festo 156821

Item no. FES-156821

Manufacturer Festo

EAN 4052568120740

Festo pneumatic cylinder for precise linear motion and defined force in automation.

### TECHNICAL DATA

|                                |                                                 |
|--------------------------------|-------------------------------------------------|
| Ausführungstyp                 | einseitige Kolbenstange                         |
| Betriebsdruck max [bar]        | 10.000000                                       |
| Bohrung (mm)                   | 63.000000                                       |
| Corrosion resistance class CRC | 2 - moderate corrosion stress                   |
| Cushioning                     | P: Elastic silencer rings / plates double-sided |
| Design                         | Piston, piston rod                              |
| Funktion                       | doppeltwirkend                                  |
| HS-Code                        | 84123100                                        |
| Hub [mm]                       | 30.000000                                       |
| Medium                         | Druckluft                                       |
| Mounting position              | arbitrary                                       |
| Pneumatischer Anschluss        | G1/8                                            |
| Position sensing               | Yes                                             |
| Serie                          | ADVULQ                                          |
| Temperature (max.)             | 80                                              |
| Weight                         | 1.3 kg                                          |



### STANDARDS & COMPLIANCE

ISO 8573-1:2010

### DESCRIPTION

Festo pneumatic cylinder for precise linear motion and defined force in automation. The key technical data of this genuine Festo article are listed below.

|                        |                                                 |
|------------------------|-------------------------------------------------|
| Stroke [mm]            | 30                                              |
| Piston diameter        | 63 mm                                           |
| Dampening              | P: Elastic silencer rings / plates double-sided |
| installation position  | arbitrary                                       |
| Principle of operation | double acting                                   |
| Piston rod end         | Male thread                                     |
| Construction set up    | Piston<br>piston rod                            |

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|------------------------------------------------|-----------------------------------------------------------|
| Position detection                             | For proximity switch                                      |
| Variants                                       | One-sided piston rod                                      |
| Operating pressure [bar]                       | 0.6 to 10                                                 |
| Operating medium                               | Compressed air to ISO 8573-1:2010 [7:4:4]                 |
| Information about operating and control medium | Oiled operation possible (required in further operations) |
| Corrosion resistant class KBK                  | 2 - moderate corrosion stress                             |
| ambient temperature [°C]                       | -20 to 80                                                 |
| Impact energy at the end positions [J]         | 0,70                                                      |
| Theoretical force at 6 bar, Return flow [N]    | 1.750                                                     |
| Theoretical force at 6 bar, flow [N]           | 1.870                                                     |
| Moving mass at 0 mm stroke [g]                 | 134                                                       |
| Weight supplement per 10 mm stroke [g]         | 107                                                       |
| Supplement moved mass per 10 mm stroke [g]     | 16                                                        |
| Fastening type                                 | With throughway bores<br>With Accessories<br>Selectively: |
| Pneumatic connection                           | G1/8                                                      |
| Flush screw material                           | Zinc plated steel                                         |
| Cover material                                 | Aluminium wrought alloy                                   |
| Dynamic seals material                         | NBR<br>TPE-U(PU)                                          |
| Piston rod material                            | High-alloyed steel                                        |
| Cylinder tube material                         | Aluminium wrought alloy                                   |
| Anti-twist lock / guide                        | Square piston rod                                         |