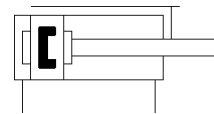
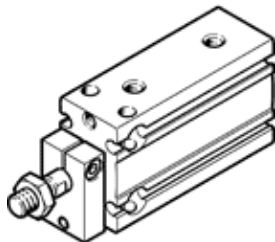


# compact cylinder DPDM-Q-16-20-PA

Part number: 4834263

FESTO



## Data sheet

| Feature                                    | Value   |
|--|---|
| Stroke                                     | 20 mm   |
| Piston diameter                            | 16 mm   |
| Cushioning                                 | P: Flexible cushioning rings/plates at both ends                            |
| Assembly position                          | Any   |
| Mode of operation                          | double-acting   |
| Design structure                           | Piston<br>Piston rod<br>Profile barrel                                      |
| Position detection                         | For proximity sensor  |
| Variants                                   | Single-ended piston rod   |
| Protection against torque/guide            | Guide rod with yoke   |
| Operating pressure                         | 1.5 ... 8 bar   |
| 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                        | -10 ... 80 °C   |
| Theoretical force at 6 bar                 | 121 N   |
| Theoretical force at 6 bar, return stroke  | 104 N   |
| Theoretical force at 6 bar, advance stroke | 121 N   |
| Moving mass with 0 mm stroke               | 27 g  |
| Additional weight per 10 mm stroke         | 13.5 g  |
| Basic weight for 0 mm stroke               | 75 g  |
| Additional mass factor per 10 mm of stroke | 2.8 g   |
| Mounting type                              | with through hole<br>with internal (female) thread<br>Optional              |
| Pneumatic connection                       | M5  |
| Materials note                             | Conforms to RoHS  |
| Material cover                             | Wrought Aluminium alloy   |
| Material seals                             | TPE-U(PU)   |
| Material housing                           | Anodised wrought aluminium alloy  |
| Material piston rod                        | High alloy steel, non-corrosive   |