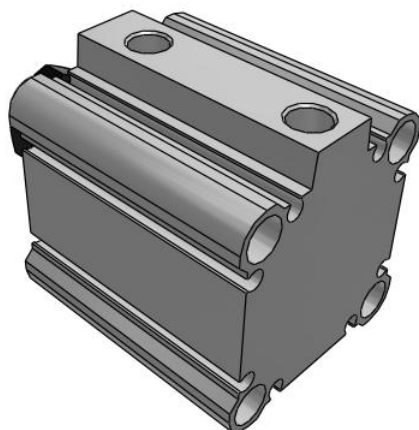




## C(D)Q2K, Compact Cylinder, Double Acting, Single Rod, Non-rotating w/Auto Switch Mounting Groove

### CDQ2KB40TF-20DMZ

#### Datasheet

Following a review of our popular CQ2 compact cylinder Series our R&D engineers have totally redesigned the complete cylinder range to bring you even more performance benefits and increased cylinder options. The major difference between the new CQ2 range and the old model is the totally redesigned body, which offers improved auto-switch mounting possibilities plus an overall reduction of cylinder weight of between 5 -13% depending on the model. Now, all CQ2 cylinders from Ø 32 to 200mm are designed with slide in grooves which can accommodate auto-switches on all four cylinder sides without the need for auto-switch brackets. And, for smaller bore sizes between Ø 12 and 25mm, slide in grooves have also been integrated in the new body design to accommodate bracket free auto-switches on two surfaces. Designed for use with our simple to set, dual colour, solid state auto-switches, the integrated auto-switch channel ensures total protection against potential accidental damage and improved health and safety benefits during both installation and maintenance procedures.

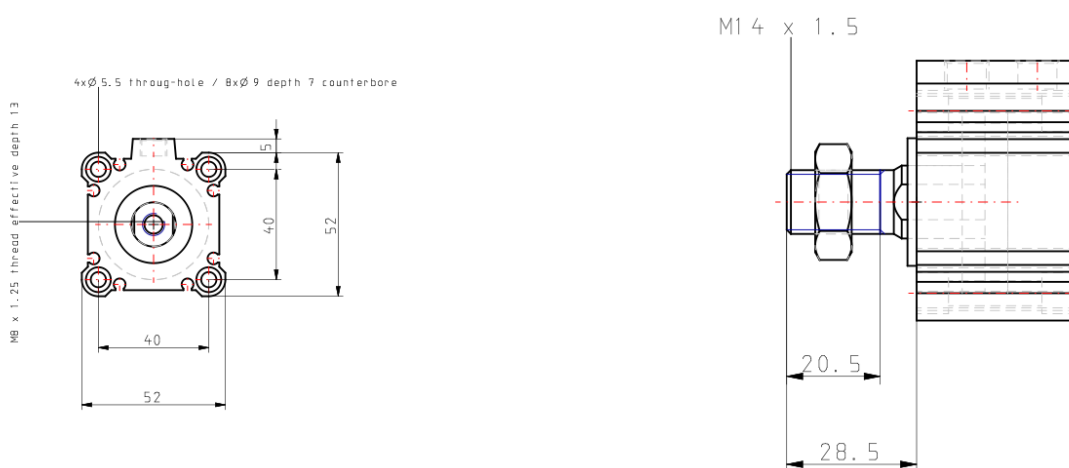
*Double-acting, single-rod cylinder*

## Standard specifications

|                                        |                                        |
|----------------------------------------|----------------------------------------|
| Magnet                                 | D (Built-in)                           |
| Mounting                               | B (Through Hole [Standard              |
| 12 through 63 Bore])                   |                                        |
| Bore Size                              | Ø40 mm                                 |
| Port Thread Type                       | TF (G)                                 |
| Stroke                                 | 20                                     |
| Body Option                            | M (Rod End Male Thread)                |
| Auto Switch Groove                     | Z [Auto Switch Mounting Grooves]       |
| Auto Switch                            | No Switch                              |
| Lead Wire or Prewired Connector        | 0.5 m or None in the Case of No Switch |
| Number                                 | 2 pcs.                                 |
| Rod End Options                        | None                                   |
| Pressure medium                        | Compressed air                         |
| Maximum temperature of pressure medium | 70 °C                                  |

|                                                    |                               |
|----------------------------------------------------|-------------------------------|
| Maximum temperature of pressure medium with magnet | 60 °C                         |
| Minimum temperature of pressure medium             | -10 °C [without condensation] |
| Minimum temperature of pressure medium with magnet | -10 °C [without condensation] |
| Maximum ambient temperature                        | 70 °C                         |
| Maximum ambient temperature with magnet            | 60 °C                         |
| Minimum ambient temperature                        | -10 °C [without condensation] |
| Minimum ambient temperature with magnet            | -10 °C [without condensation] |
| Conform to the European RoHS Directive             | Not conform                   |
| Numero of pneumatic connections                    | 2 pcs.                        |
| Mode of operation of drive                         | Double acting                 |
| Geometric form of the piston rod                   | Single rod                    |
| Weight                                             | 0.413 Kg                      |

## Dimensions



## Additional information

Catalogue

[CQ2-Z-B\\_EU.pdf](#)