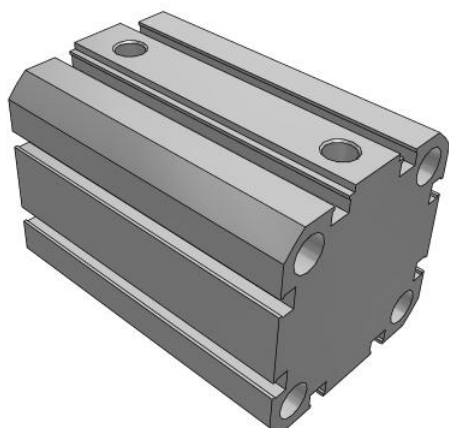


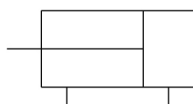


## C(D)55-X1439, Normes ISO du Vérin Compact (ISO 21287), Rainure de Montage du Détecteur : Rainure en T

CD55B50-50M-X1439

### Fiche technique

- ISO 21287 Vérin Compact.
- Alésages (mm) : 20, 25, 32, 40, 50, 63, 80, 100.
- Courses standard jusqu'à 150 mm.
- Variantes de Vérin : ATEX.



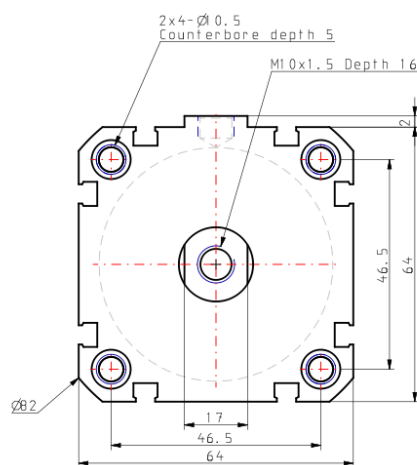
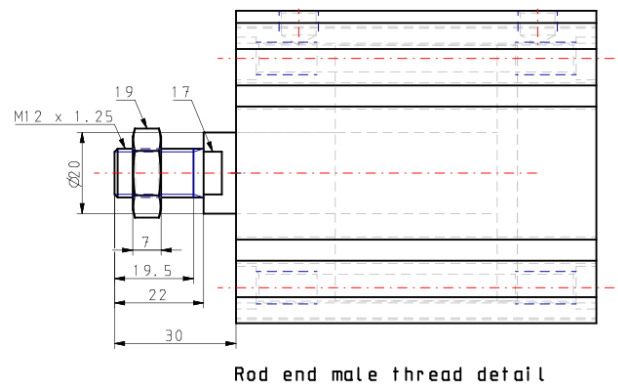
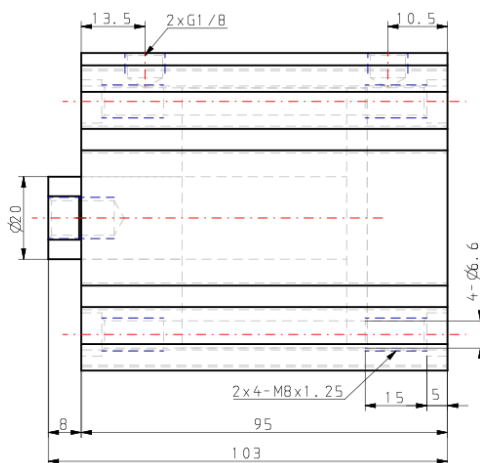
Double-acting, single-rod cylinder

### Standard Specifications

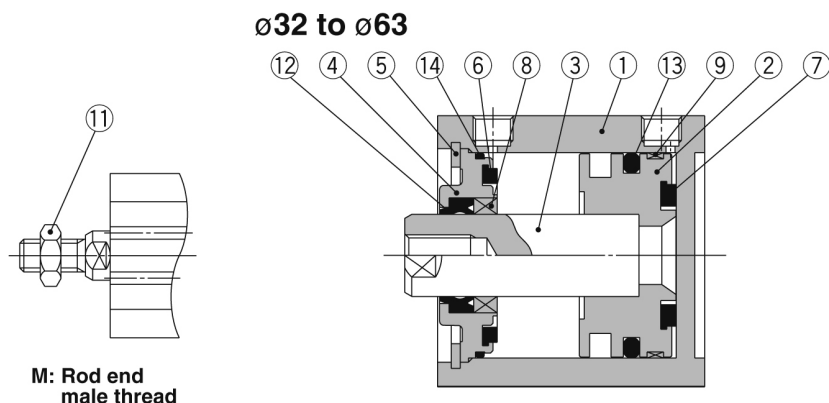
|                                               |                                                          |
|-----------------------------------------------|----------------------------------------------------------|
| Aimant intégré                                | D (Aimant)                                               |
| Type de montage                               | B (Trou traversant/Deux extrémités taraudées [Standard]) |
| Alésage                                       | Ø50 mm                                                   |
| Course                                        | 50 mm                                                    |
| Taraudage de tige                             | M (Filetage de tige)                                     |
| Détecteur                                     | Sans détecteur                                           |
| Nombre                                        | 2 pcs. [ou aucune s'il n'y a pas de détecteur]           |
| Pression du fluide                            | Compressed Air                                           |
| Température maximum du fluide                 | 70 °C                                                    |
| Température max. du fluide, avec détection    | 60 °C                                                    |
| Température minimum du fluide                 | -10 °C [without condensation]                            |
| Température minimum du fluide, avec détection | -10 °C [without condensation]                            |
| Maximum operating pressure                    | 1.0 MPa                                                  |
| F007-MIN_OP_PRESSURE                          | 0.05 MPa                                                 |
| Proof pressure                                | 1.5 MPa                                                  |
| Température ambiante max.                     | 70 °C                                                    |
| Température ambiante max. avec détection      | 60 °C                                                    |
| Température ambiante min.                     | -10 °C                                                   |
| Température ambiante min. avec détection      | -10 °C                                                   |
| Conforme à la directive européenne RoHS       | Conforme                                                 |

|                                                         |                                            |
|---------------------------------------------------------|--------------------------------------------|
| Nombre de connecteurs pneumatiques                      | 2 pcs.                                     |
| Pneumatic input connection                              | G 1/8                                      |
| Raccord de sortie pneumatique                           | G 1/8                                      |
| Pneumatic exhaust connection                            | G 1/8                                      |
| Action                                                  | Double effet                               |
| Theoretical cylinder force, advance stroke (at 0.5 MPa) | 982 N                                      |
| Theoretical cylinder force, return stroke (at 0.5 MPa)  | 825 N                                      |
| Maximum piston speed                                    | 500 mm/s                                   |
| Type d'amortissement                                    | Amortissement élastique à chaque extrémité |
| Piston rod end                                          | Filetage                                   |
| Forme géométrique de la tige de piston                  | Tige simple                                |
| Male thread of rod end                                  | M12 x 1.25                                 |
| Taraudage                                               | M10                                        |
| Minimum piston speed                                    | 50 mm/s                                    |
| Weight                                                  | 0.833 Kg                                   |

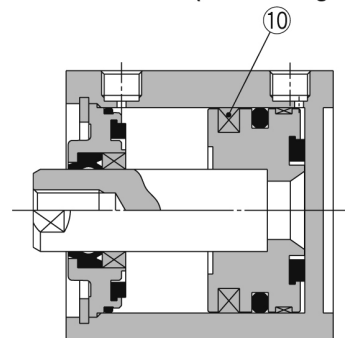
## Dimensions



## Constructions



### With auto switch (Built-in magnet)



### Component Parts

| No. | Description    | Material              | Note                                |
|-----|----------------|-----------------------|-------------------------------------|
| 1   | Cylinder tube  | Aluminum alloy        | Hard anodised                       |
| 2   | Piston         | Aluminum alloy        | Chromated                           |
| 3   | Piston rod     | Stainless steel       | ø20, ø25                            |
|     |                | Carbon steel          | ø32 to ø100 Hard chrome plated      |
| 4   | Collar         | Aluminum alloy        | ø20 to ø40 Anodized                 |
|     |                | Aluminum alloy casted | ø50 to ø100 Painted after chromated |
| 5   | Retaining ring | Carbon tool steel     | Phosphate coated                    |
| 6   | Bumper A       | Urethane              |                                     |
| 7   | Bumper B       | Urethane              |                                     |
| 8   | Bushing        | Bearing alloy         |                                     |
| 9   | Wear ring      | Resin                 | ø20 to ø63                          |
| 10  | Magnet         | —                     |                                     |
| 11  | Rod end nut    | Carbon steel          | Nickel plated                       |
| 12  | Rod seal       | NBR                   |                                     |
| 13  | Piston seal    | NBR                   |                                     |
| 14  | Tube gasket    | NBR                   |                                     |

### Replacement Parts/Seal Kit

| Bore size (mm) | Kit no.    | Contents                          |
|----------------|------------|-----------------------------------|
| 20             | CQ2B20-PS  | Set of nos. at left<br>12, 13, 14 |
| 25             | CQ2B25-PS  |                                   |
| 32             | CQ2B32-PS  |                                   |
| 40             | CQ2B40-PS  |                                   |
| 50             | CQ2B50-PS  |                                   |
| 63             | CQ2B63-PS  |                                   |
| 80             | CQ2B80-PS  |                                   |
| 100            | CQ2B100-PS |                                   |

\* Seal kit includes 12, 13, 14. Order the seal kit, based on each bore size.

## Information supplémentaire

Catalogue

[C55-X1439\\_FR.pdf](#)