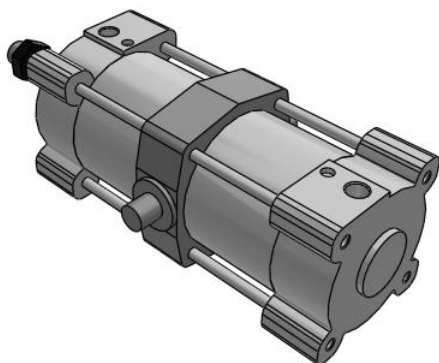




## C96S(D) ø125, ISO Cylinder, Double Acting, Single/Double Rod C96SDT125-200

Datasheet

### General series information

- Double acting, standard type, single or double rod
- Bore sizes (mm): 125
- Maximum stroke 2000mm
- Auto switch capable

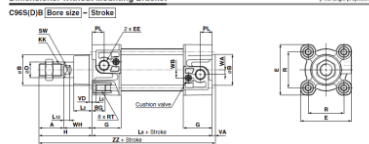
### Standard specifications

|                                 |                                           |
|---------------------------------|-------------------------------------------|
| Magnet                          | D (Built-in)                              |
| Mounting                        | T (Centre Trunnion)                       |
| Bore Size                       | 125mm                                     |
| Stroke                          | 200                                       |
| Rod Boot                        | None                                      |
| Rod                             | Single Rod                                |
| Auto Switch                     | No Switch                                 |
| Lead Wire or Prewired Connector | 0.5m [Or None in the Case of No Switch]   |
| Number                          | 2 pcs. [Or None in the Case of No Switch] |
| Rod End Options                 | None                                      |
| Temperature Resistance          | None                                      |
| Heavy Duty Scraper              | None                                      |
| Tie Rod                         | None                                      |
| Fluororubber Seal               | None                                      |
| Made of Stainless Steel (-XC68) | None                                      |
| Made of Stainless Steel (-XC65) | None                                      |
| -                               | Compressed Air                            |
| Maximum operating pressure      | 1.0 MPa                                   |
| Minimum operating pressure      | 0.05 MPa                                  |

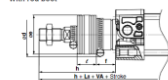
|                             |                         |
|-----------------------------|-------------------------|
| Proof pressure              | 1.5 MPa                 |
| Pneumatic input connection  | G 1/2                   |
| Pneumatic output connection | G 1/2                   |
| Maximum piston speed        | 700 mm/s                |
| Type of cushioning          | Both Ends (Air Cushion) |
| Piston rod end              | Male thread             |
| Male thread of rod end      | M27 x 2                 |
| Weight                      | 12.590 Kg               |

# Dimensions

Dimensions: Without Mounting Bracket (First angle projection)



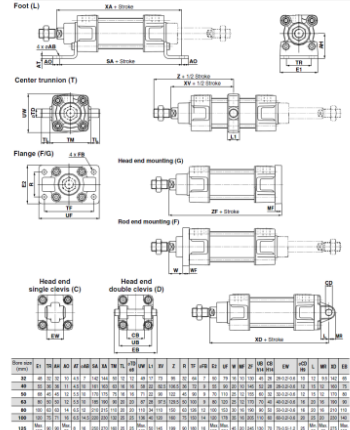
With rod boot



| Stroke (mm) | Stroke (inches) | A    | B    | C    | D    | E    | F    | G    | H    | I    | J    | K    | L    | M    | N    | O    | P    | Q    | R    | S    | T    | U    | V    | W    | X    | Y    | Z    |
|-------------|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 50          | 1.9685          | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  |
| 75          | 2.9527          | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  |
| 100         | 3.9370          | 200  | 200  | 200  | 200  | 200  | 200  | 200  | 200  | 200  | 200  | 200  | 200  | 200  | 200  | 200  | 200  | 200  | 200  | 200  | 200  | 200  | 200  | 200  | 200  | 200  | 200  |
| 125         | 4.9212          | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  |
| 150         | 5.9055          | 300  | 300  | 300  | 300  | 300  | 300  | 300  | 300  | 300  | 300  | 300  | 300  | 300  | 300  | 300  | 300  | 300  | 300  | 300  | 300  | 300  | 300  | 300  | 300  | 300  | 300  |
| 175         | 6.8897          | 350  | 350  | 350  | 350  | 350  | 350  | 350  | 350  | 350  | 350  | 350  | 350  | 350  | 350  | 350  | 350  | 350  | 350  | 350  | 350  | 350  | 350  | 350  | 350  | 350  | 350  |
| 200         | 7.8739          | 400  | 400  | 400  | 400  | 400  | 400  | 400  | 400  | 400  | 400  | 400  | 400  | 400  | 400  | 400  | 400  | 400  | 400  | 400  | 400  | 400  | 400  | 400  | 400  | 400  | 400  |
| 225         | 8.8581          | 450  | 450  | 450  | 450  | 450  | 450  | 450  | 450  | 450  | 450  | 450  | 450  | 450  | 450  | 450  | 450  | 450  | 450  | 450  | 450  | 450  | 450  | 450  | 450  | 450  | 450  |
| 250         | 9.8423          | 500  | 500  | 500  | 500  | 500  | 500  | 500  | 500  | 500  | 500  | 500  | 500  | 500  | 500  | 500  | 500  | 500  | 500  | 500  | 500  | 500  | 500  | 500  | 500  | 500  | 500  |
| 275         | 10.8265         | 550  | 550  | 550  | 550  | 550  | 550  | 550  | 550  | 550  | 550  | 550  | 550  | 550  | 550  | 550  | 550  | 550  | 550  | 550  | 550  | 550  | 550  | 550  | 550  | 550  | 550  |
| 300         | 11.8107         | 600  | 600  | 600  | 600  | 600  | 600  | 600  | 600  | 600  | 600  | 600  | 600  | 600  | 600  | 600  | 600  | 600  | 600  | 600  | 600  | 600  | 600  | 600  | 600  | 600  | 600  |
| 325         | 12.7949         | 650  | 650  | 650  | 650  | 650  | 650  | 650  | 650  | 650  | 650  | 650  | 650  | 650  | 650  | 650  | 650  | 650  | 650  | 650  | 650  | 650  | 650  | 650  | 650  | 650  | 650  |
| 350         | 13.7791         | 700  | 700  | 700  | 700  | 700  | 700  | 700  | 700  | 700  | 700  | 700  | 700  | 700  | 700  | 700  | 700  | 700  | 700  | 700  | 700  | 700  | 700  | 700  | 700  | 700  | 700  |
| 375         | 14.7633         | 750  | 750  | 750  | 750  | 750  | 750  | 750  | 750  | 750  | 750  | 750  | 750  | 750  | 750  | 750  | 750  | 750  | 750  | 750  | 750  | 750  | 750  | 750  | 750  | 750  | 750  |
| 400         | 15.7475         | 800  | 800  | 800  | 800  | 800  | 800  | 800  | 800  | 800  | 800  | 800  | 800  | 800  | 800  | 800  | 800  | 800  | 800  | 800  | 800  | 800  | 800  | 800  | 800  | 800  | 800  |
| 425         | 16.7317         | 850  | 850  | 850  | 850  | 850  | 850  | 850  | 850  | 850  | 850  | 850  | 850  | 850  | 850  | 850  | 850  | 850  | 850  | 850  | 850  | 850  | 850  | 850  | 850  | 850  | 850  |
| 450         | 17.7159         | 900  | 900  | 900  | 900  | 900  | 900  | 900  | 900  | 900  | 900  | 900  | 900  | 900  | 900  | 900  | 900  | 900  | 900  | 900  | 900  | 900  | 900  | 900  | 900  | 900  | 900  |
| 475         | 18.7001         | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  |
| 500         | 19.6843         | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |

Minimum stroke for operation: 10 mm (0.39 in). Stroke 10 to 40 mm. Table 10: 100 mm. Table 11: 100 mm.

Dimensions: Cylinder Mounting Accessories (First angle projection)



| Stroke (mm) | Stroke (inches) | A    | B    | C    | D    | E    | F    | G    | H    | I    | J    | K    | L    | M    | N    | O    | P    | Q    | R    | S    | T    | U    | V    | W    | X    | Y    | Z    |
|-------------|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 50          | 1.9685          | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  |
| 75          | 2.9527          | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  |
| 100         | 3.9370          | 200  | 200  | 200  | 200  | 200  | 200  | 200  | 200  | 200  | 200  | 200  | 200  | 200  | 200  | 200  | 200  | 200  | 200  | 200  | 200  | 200  | 200  | 200  | 200  | 200  | 200  |
| 125         | 4.9212          | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  |
| 150         | 5.9055          | 300  | 300  | 300  | 300  | 300  | 300  | 300  | 300  | 300  | 300  | 300  | 300  | 300  | 300  | 300  | 300  | 300  | 300  | 300  | 300  | 300  | 300  | 300  | 300  | 300  | 300  |
| 175         | 6.8897          | 350  | 350  | 350  | 350  | 350  | 350  | 350  | 350  | 350  | 350  | 350  | 350  | 350  | 350  | 350  | 350  | 350  | 350  | 350  | 350  | 350  | 350  | 350  | 350  | 350  | 350  |
| 200         | 7.8739          | 400  | 400  | 400  | 400  | 400  | 400  | 400  | 400  | 400  | 400  | 400  | 400  | 400  | 400  | 400  | 400  | 400  | 400  | 400  | 400  | 400  | 400  | 400  | 400  | 400  | 400  |
| 225         | 8.8581          | 450  | 450  | 450  | 450  | 450  | 450  | 450  | 450  | 450  | 450  | 450  | 450  | 450  | 450  | 450  | 450  | 450  | 450  | 450  | 450  | 450  | 450  | 450  | 450  | 450  | 450  |
| 250         | 9.8423          | 500  | 500  | 500  | 500  | 500  | 500  | 500  | 500  | 500  | 500  | 500  | 500  | 500  | 500  | 500  | 500  | 500  | 500  | 500  | 500  | 500  | 500  | 500  | 500  | 500  | 500  |
| 275         | 10.8265         | 550  | 550  | 550  | 550  | 550  | 550  | 550  | 550  | 550  | 550  | 550  | 550  | 550  | 550  | 550  | 550  | 550  | 550  | 550  | 550  | 550  | 550  | 550  | 550  | 550  | 550  |
| 300         | 11.8107         | 600  | 600  | 600  | 600  | 600  | 600  | 600  | 600  | 600  | 600  | 600  | 600  | 600  | 600  | 600  | 600  | 600  | 600  | 600  | 600  | 600  | 600  | 600  | 600  | 600  | 600  |
| 325         | 12.7949         | 650  | 650  | 650  | 650  | 650  | 650  | 650  | 650  | 650  | 650  | 650  | 650  | 650  | 650  | 650  | 650  | 650  | 650  | 650  | 650  | 650  | 650  | 650  | 650  | 650  | 650  |
| 350         | 13.7791         | 700  | 700  | 700  | 700  | 700  | 700  | 700  | 700  | 700  | 700  | 700  | 700  | 700  | 700  | 700  | 700  | 700  | 700  | 700  | 700  | 700  | 700  | 700  | 700  | 700  | 700  |
| 375         | 14.7633         | 750  | 750  | 750  | 750  | 750  | 750  | 750  | 750  | 750  | 750  | 750  | 750  | 750  | 750  | 750  | 750  | 750  | 750  | 750  | 750  | 750  | 750  | 750  | 750  | 750  | 750  |
| 400         | 15.7475         | 800  | 800  | 800  | 800  | 800  | 800  | 800  | 800  | 800  | 800  | 800  | 800  | 800  | 800  | 800  | 800  | 800  | 800  | 800  | 800  | 800  | 800  | 800  | 800  | 800  | 800  |
| 425         | 16.7317         | 850  | 850  | 850  | 850  | 850  | 850  | 850  | 850  | 850  | 850  | 850  | 850  | 850  | 850  | 850  | 850  | 850  | 850  | 850  | 850  | 850  | 850  | 850  | 850  | 850  | 850  |
| 450         | 17.7159         | 900  | 900  | 900  | 900  | 900  | 900  | 900  | 900  | 900  | 900  | 900  | 900  | 900  | 900  | 900  | 900  | 900  | 900  | 900  | 900  | 900  | 900  | 900  | 900  | 900  | 900  |
| 475         | 18.7001         | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  |
| 500         | 19.6843         | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |

## Additional information

Catalogue

[C96-Bb\\_EU.pdf](#)