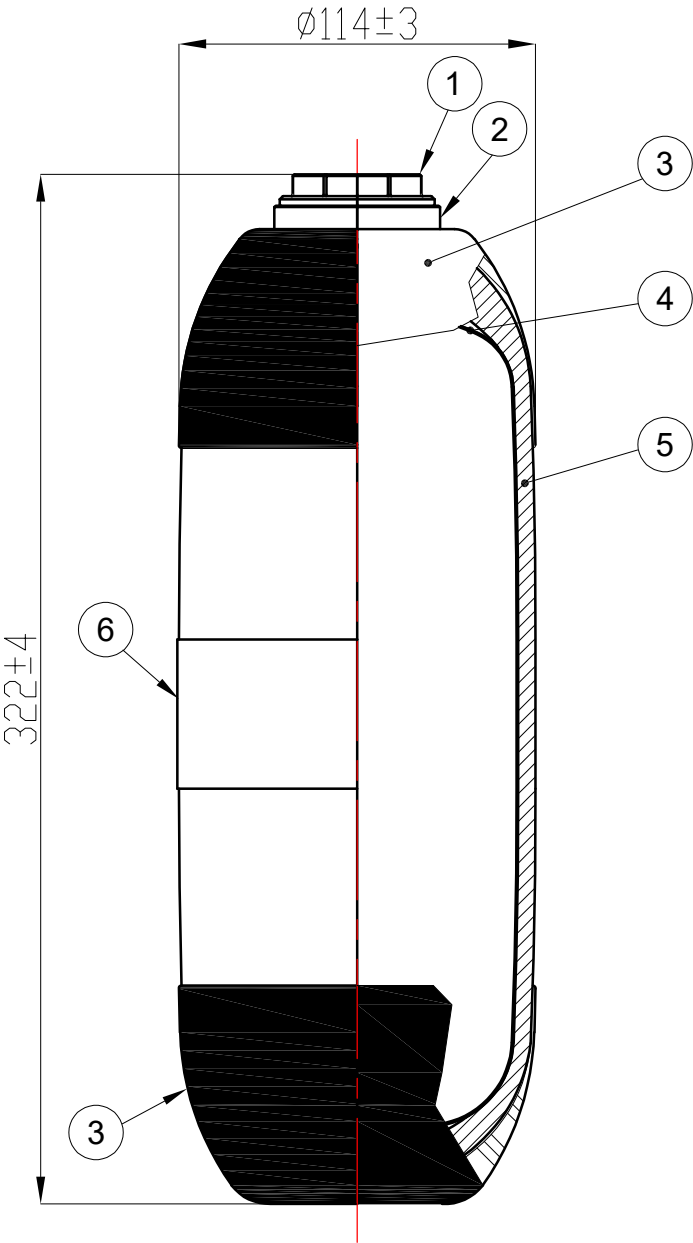


Carbon Cylinder Type 4 cylinders Data Sheet: 2,0 L - 300 bar - Breathing air



Legend:

- 1 Inner Boss
- 2 Outer Boss
- 3 Optional end cap
- 4 PET liner
- 5 Composite stratification layer
- 6 Optional protection stratification layer (within 0,1 mm and 2 mm)
- 3 Optional end cap

| AVAILABLE THREADS                       |                          |
|-----------------------------------------|--------------------------|
| STANDARD THREAD                         | M18x1,5 - EN ISO 15245-1 |
| OTHER COMMON THREADS                    | 17E - EN ISO 11363-1     |
| OTHER THREADS ARE POSSIBLE UPON REQUEST |                          |

Verification  
Body Number

Verification  
Body Logo

First Inspection  
(Year/Month)

Logo Area 77x46 mm  
(Black and White)

**CARBON CYLINDER**  
*Lightness & Innovation*  
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EMAIL: [info@carboncylinder.com](mailto:info@carboncylinder.com)  
PHONE: +39 041 571 3854



THREAD I - CCR XX/XXXX/XXXXXXXXXXXX  
X,XX KG\* 2,0 L PW300 BAR AT 15 °C PT/PH450 BAR  
PSmax: 374 BAR AT 60 °C TS: -40 °C to 60 °C  
EN 12245:2009+A1:2011 - I  YYY/MM  
**CE 1370** PET liner FINAL: NLL

WARNINGS:  
1. Valve screwing torque: 85 Nm  
2. This cylinder must not be subjected to a vacuum  
3. Before use and inspection, read carefully the manual  
4. Fill in accordance with manufacturer's instructions  
5. Maintain a minimum pressure of 2-8 bar

Periodic inspection MUST follow the national rules  
\*Minimum weight of an empty cylinder without finishing

UN - Nr. 1002  
COMPRESSED AIR  
BREATHING AIR



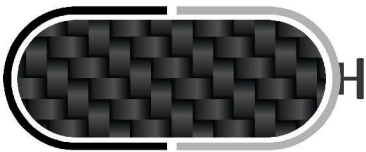
CUSTOM LOGO AREA

FIRST INSPECTION DATE:  
MM/YYYY

Retesting dates:

|  |  |  |  |  |  |
|--|--|--|--|--|--|
|  |  |  |  |  |  |
|--|--|--|--|--|--|

|                                                                  |                                                                             |
|------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Filling pressure                                                 | 300 bar (4351 psi) at 15 °C                                                 |
| Test pressure                                                    | 450 bar (6527 psi)                                                          |
| Min. design burst pressure                                       | >900 bar (13053 psi)                                                        |
| Water capacity                                                   | 2,0 L ± 0,15 (122 c.i. ± 9)                                                 |
| Empty weight without finishing                                   | 1,00 kg ± 0,2 (2,20 lbs ± 0,44)                                             |
| Empty weight with finishing<br>(end caps and protective sleeves) | 1,15 kg ± 0,2 (2,54 lbs ± 0,44)                                             |
| Service life                                                     | not limited (NLL) acc. to<br>EN 12245:2009+A1:2011                          |
| Specification                                                    | EN 12245:2009+A1:2011<br>PED 2014/68/UE                                     |
| Boss material                                                    | AL Alloy / Stainless Steel / Titanium                                       |
| Liner material                                                   | PET                                                                         |
| Reinforcement material                                           | Composite material                                                          |
| Exterior finishing                                               | Customer specification                                                      |
| Approved gases                                                   | UN 1002 Breathing air, Group 2<br>According to regulations Nr. CE 1272/2008 |
| PED Category                                                     | III                                                                         |
| PED Module                                                       | B + F                                                                       |



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