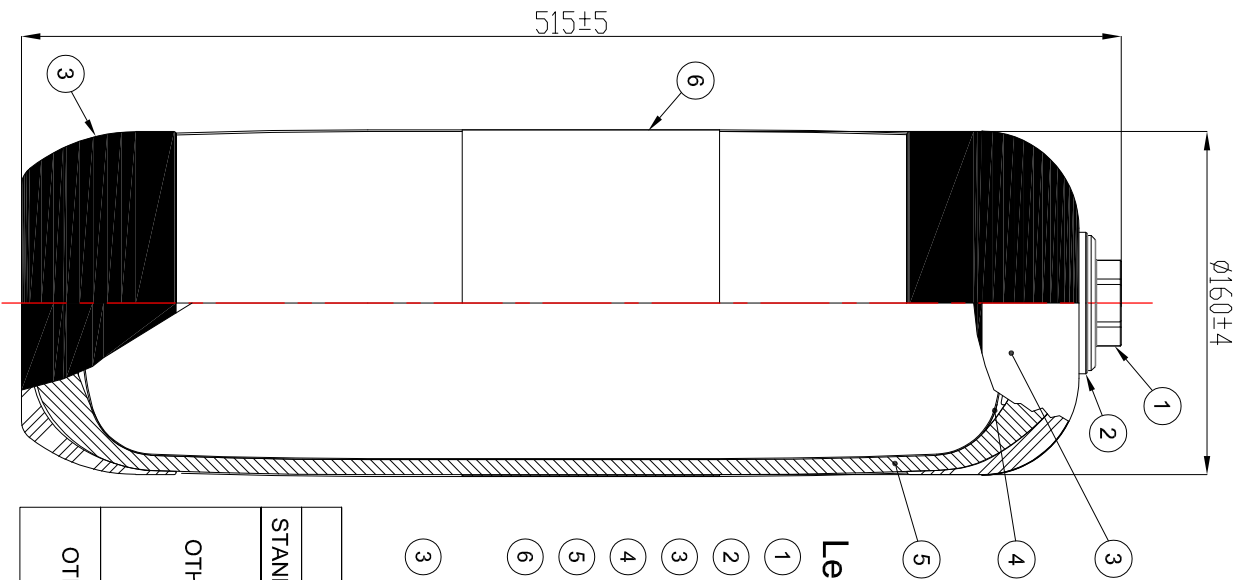


Carbon Cylinder Type 4 cylinders Data Sheet: 6,8 LT - 310 bar - Breathing air



Legend:

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

AVAILABLE THREADS	
STANDARD THREAD	M18x1.5 - EN ISO 15245-1
	M25x2.0 - EN ISO 15245-1
OTHER COMMON THREADS	17E EN ISO 11363-1
	25E EN ISO 11363-1
	7/8 - 14 UNF - 2B
OTHER THREADS ARE POSSIBLE UPON REQUEST	

Verification
Body Number

Verification
Body Logo

First Inspection
(Year/Month)

Logo Area 77x46mm
(Black and White)

UN - Nr. 1002
COMPRESSED AIR
BREATHING AIR

CUSTOM LOGO AREA

WEB: www.carboncylinder.com
EMAIL: info@carboncylinder.com
PHONE: +39 041 571 3854

THREAD 1 - CCR XXXXX/XXXXXXXXXXXXX
XX XX Kg* 6,8 L PW 310 BAR 4T 15°C PT/PH465 BAR
PShmax: 418 BAR AT 65°C / TS: -40°C to +65 °C
ISO 1119-3:2013 - I [] YYY/MMM

CE 1370 PET liner FINAL: NLL

WARNINGS:
1. Valve screwing torque: 95 Nm
2. The 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

FIRST INSPECTION DATE: MM/YYYY
Retesting dates:

Filling pressure: 310 bar (4496 psi) at 15 °C

Test pressure: 465 bar (6744 psi)

Min. design burst pressure: >930 bar (13488 psi)

Water capacity: 6,8 L (414,96 cu. Inch)

Empty weight without finishing: 2,65 kg (5,84 lbs)

Service life: not limited (NLL) acc. to ISO 1119-3:2013

Specification: ISO 1119-3:2013 PED2014/68/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 According to regulations N. CE 1272/2008

PED Category: III

PED Module: B + F

Filling pressure	310 bar (4496 psi) at 15 °C
Test pressure	465 bar (6744 psi)
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Reinforcement material	Composite material
Exterior finishing	Customer specification
Approved gases	UN 1002 Breathing air, Group 2 According to regulations N. CE 1272/2008
PED Category	III
PED Module	B + F

CARBON CYLINDER®
Lightness & Innovation

Carbon Cylinder S.r.l.

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