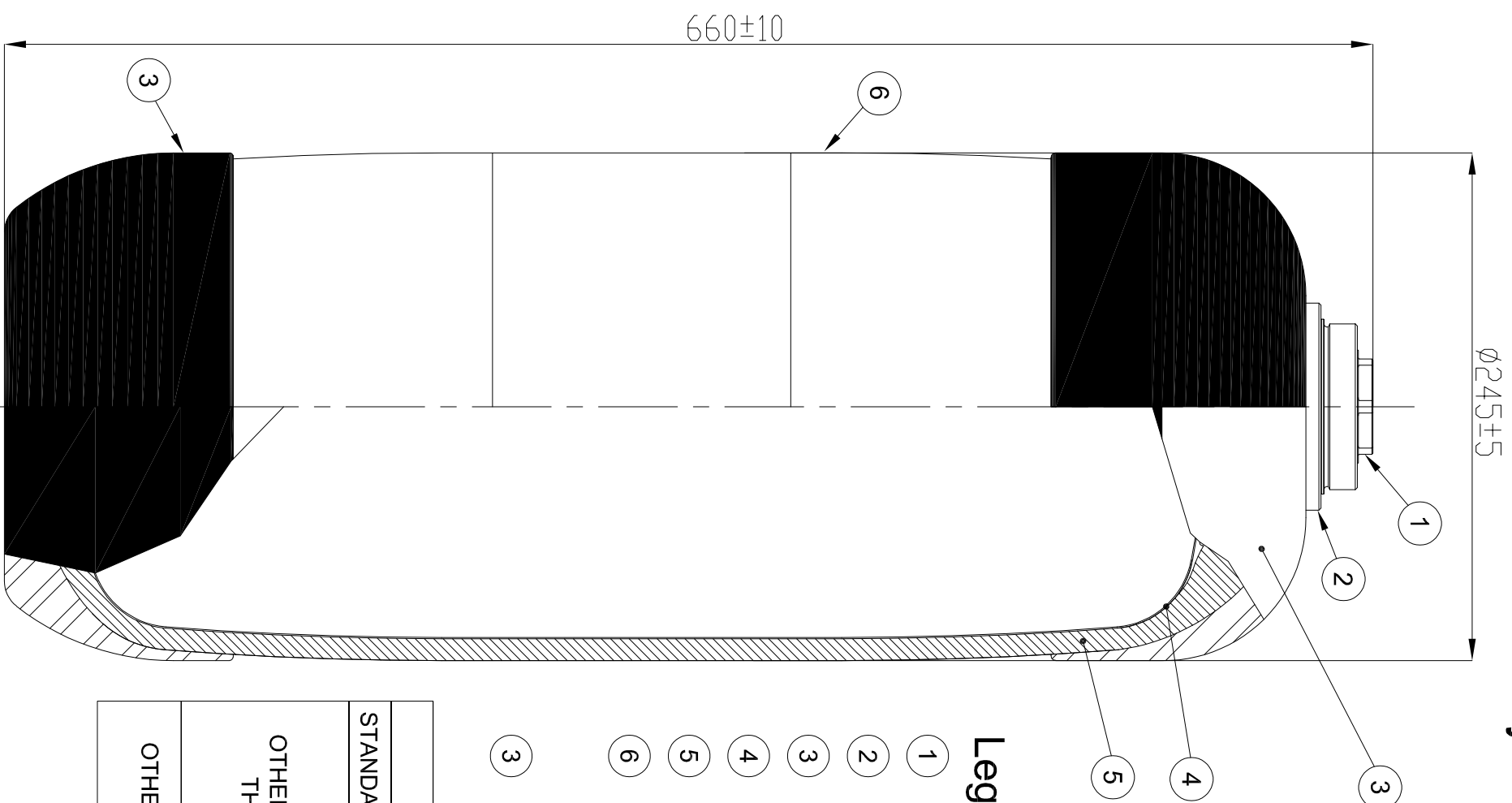



# Carbon Cylinder Type 4 cylinders Data Sheet: 20,0 LT - 300 bar - Breathing air



## 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	



**CARBON CYLINDER**  
Lightness & Innovation

Verification  
Body Number

WEB: [www.carboncylinder.com](http://www.carboncylinder.com)  
 EMAIL: [info@carboncylinder.com](mailto:info@carboncylinder.com)  
 PHONE: +39 041 571 3854

THREAD 1 - CCR XXXXX/XXXXXXXXXX  
 X.XX KG\* 20,0 L PW 300 BAR AT 15°C PT/PH450 BAR  
 PSmax: 374 BAR AT 60°C  
 EN12245:2009+A1:2011 - I  
 TS:-40°C to +60 °C  
 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

Verification  
Body Logo

First Inspection  
(Year/Month)

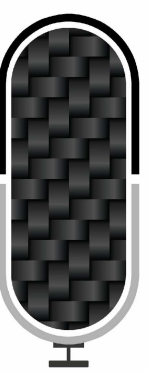
Logo Area 77x46mm  
(Black and White)

FIRST INSPECTION DATE:  
MM/YYYY

Retesting dates:

CUSTOM LOGO AREA

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	20,0 L (1220 cu. inch)
Empty weight without finishing	8,4 kg (18,5 lbs)
Service life	not limited (NLL) acc. to EN12245:2009+A1:2011 EN12245:2009+A1:2011 PED2014/68/UE
Specification	AL Alloy / Stainless Steel / Titanium
Boss material	PET
Liner material	Composite material
Reinforcement material	Customer specification
Exterior finishing	UN 1002 Breathing air, Group 2 According to regulations Nr. CE 1272/2008
Approved gases	IV
PED Category	B + F
PED Module	



**CARBON CYLINDER**  
Lightness & Innovation

Carbon Cylinder S.r.l.

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