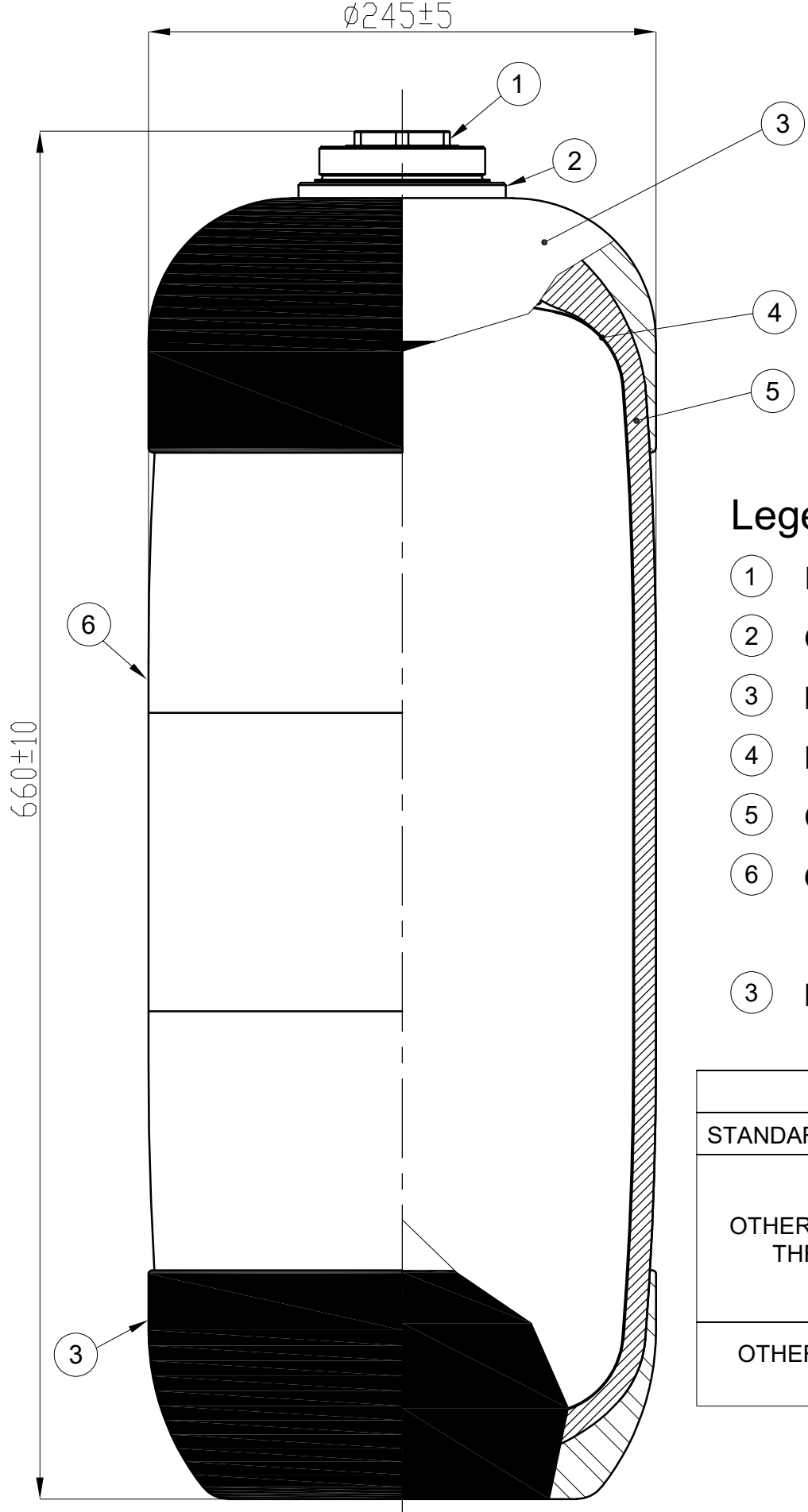


Carbon Cylinder Type 4 cylinders Data Sheet: 20,0 L - 300 bar - Breathing air



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
OTHER COMMON THREADS	M25x2,0 - EN ISO 15245-1
	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)

**CARBON CYLINDER**
Lightness & Innovation
WEB: www.carboncylinder.com
EMAIL: info@carboncylinder.com
PHONE: +39 041 571 3854



THREAD I - CCR XX/XXXX/XXXXXXXXXXXX
X,XX KG* 20,0 L PW 300 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

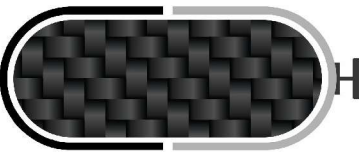


CUSTOM LOGO AREA

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	20,0 L ± 0,15 (1220 c.i. ± 9)
Empty weight without finishing	8,40 kg ± 0,3 (18,5 lbs ± 0,66)
Empty weight with finishing (end caps and protective sleeves)	10,38 kg ± 0,3 (22,88 lbs ± 0,66)
Service life	not limited (NLL) acc. to EN 12245:2009+A1:2011
Specification	EN 12245:2009+A1:2011 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 Nr. CE 1272/2008
PED Category	IV
PED Module	B + F



CARBON CYLINDER
Lightness & Innovation

Carbon Cylinder S.r.l.

Via Maestri del Lavoro 10/B
30034 Gambarare di Mira (VE)

+39 041 571 3854

info@carboncylinder.com
carboncylinder@pec.it

P.IVA 04619300272
REA: VE-433876