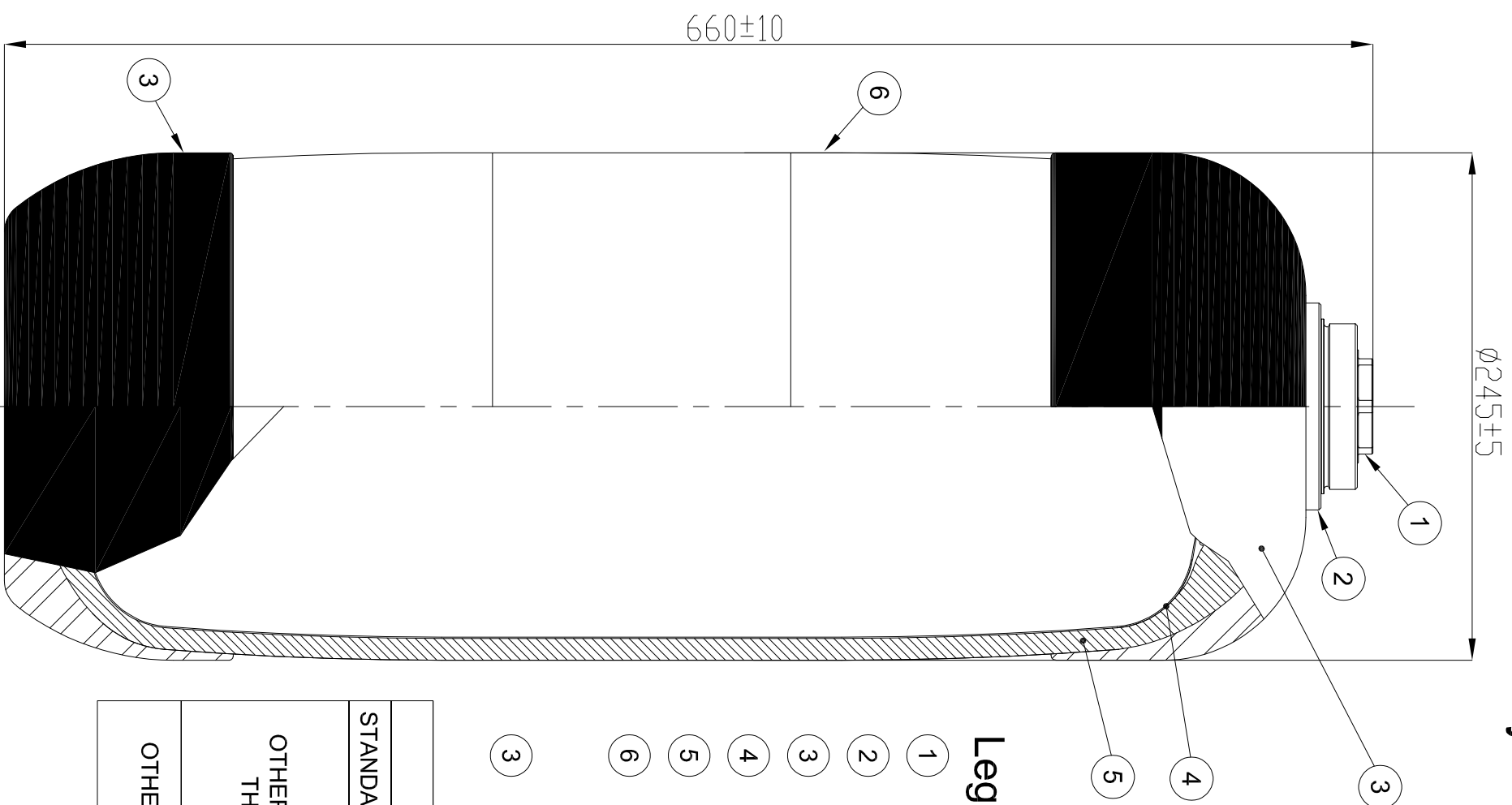



Carbon Cylinder Type 4 cylinders Data Sheet: 20,0 LT - 310 bar - Breathing air



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	



CARBON CYLINDER
Lightness & Innovation

Verification
Body Number

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

THREAD I - CCR XXXXX/XXXXXXXXXX
 X.XX KG* 20,0 L PW 310 BAR AT 15°C PT/PH465 BAR
 PSmax: 387 BAR AT 60°C TS:-40°C to +60 °C
 ISO 1119-3:2013 - I  YYYY/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)

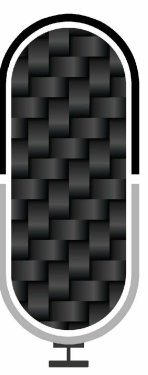
Logo Area 77x46mm
(Black and White)

FIRST INSPECTION DATE:
MM/YYYY

Retesting dates:

CUSTOM LOGO AREA

Filling pressure	310 bar (4496 psi) at 15 °C
Test pressure	465 bar (6744 psi)
Min. design burst pressure	>930 bar (13488 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 ISO1119-3:2013
Specification	ISO1119-3:2013 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 Nr. CE 1272/2008
PED Category	IV
PED Module	B + F



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