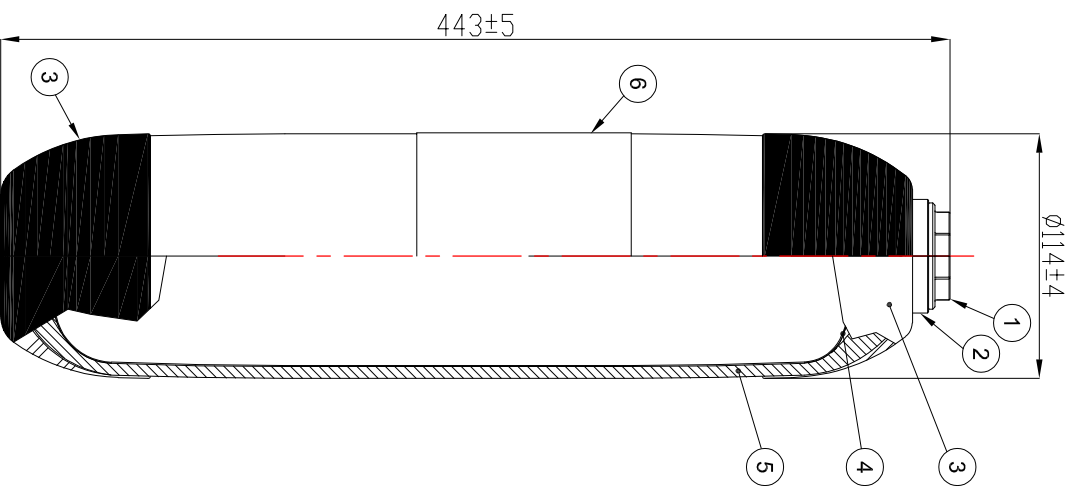


Carbon Cylinder Type 4 cylinders Data Sheet: 3,0 LT - 310 bar - Technical Gases



- 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	17E EN ISO 11363-1
OTHER THREADS ARE POSSIBLE UPON REQUEST	

Verification Body Number

Verification Body Logo

First Inspection (Year/Month)

CARBON CYLINDER®
Lightness & Innovation

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

THREAD I - CCR XXXXXXXXXXXXXXXX
X.XXKG* 3,0L PW 310 BAR AT 15°C PH465 BAR
-40 °C ISO1119-3 PH465 BAR
PET liner FINAL: NULL

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. XXXX
GAS NAME

CUSTOM LOGO AREA

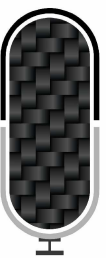
FIRST INSPECTION DATE: MM/YYYY

Releasing dates:

Logo Area 77x46mm (Black and White)

Specific gas pictogram

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	3,0 L (183,07 cu. Inch)
Empty weight without finishing	1,60 kg (3,53 lbs)
Service life	not limited (NULL) acc. to ISO1119-3:2013
Specification	ISO1119-3:2013 TPED 2010/35/UE; ADR 2023
Boss material	AL Alloy / Stainless Steel / Titanium
Liner material	PET
Reinforcement material	Composite material
Exterior finishing	Customer specification
Approved gases	UN 1002 AIR, Compressed; UN 1006 Argon, Compressed; UN 1013 Carbon Dioxide, Compressed; UN 1046 Helium, Compressed; UN 1049 Hydrogen, Compressed; UN 1066 Nitrogen, Compressed.



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