

Cylinder layout	Description and notes	Empty cylinder weight - Aluminum alloy	Empty cylinder weight - Stainless steel
Cylinder without finishings (bare cylinder)	Without finishings	5.30±0.30 kg 11.68±0.66 lbs	5.72±0.30 kg 12.61±0.66 lbs
Finished cylinder with transparent coating	Finished cylinder with transparent coating and rubber caps.	6.27±0.30 kg 13.82±0.66 lbs	6.69±0.30 kg 14.75±0.66 lbs

Verification Body Logo

M18x1,5 I CTS **xx/xxx/xxxxxx**

x,xx KG 13,0 L PW310 at 15° C PT/PH465BAR

ISO 11119-3

TT 1370


PET LINER

WARNINGS: FILL IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS
THIS CYLINDER MUST NOT BE SUBJECTED TO A VACUUM
AVVERTENZE: RIEMPIRE SECONDO LE ISTRUZIONI DEL FABBRICANTE
QUESTA BOMBOLA NON DEVE ESSERE SOTTOPOSTA A VUOTO


FIRST INSPECTION DATE/DATA PRIMO COLLAUDO: xx/xxxx

First Inspection (Year/Month)

UN 1049
Hydrogen Compressed



Customisable Logo Area (Black and White)

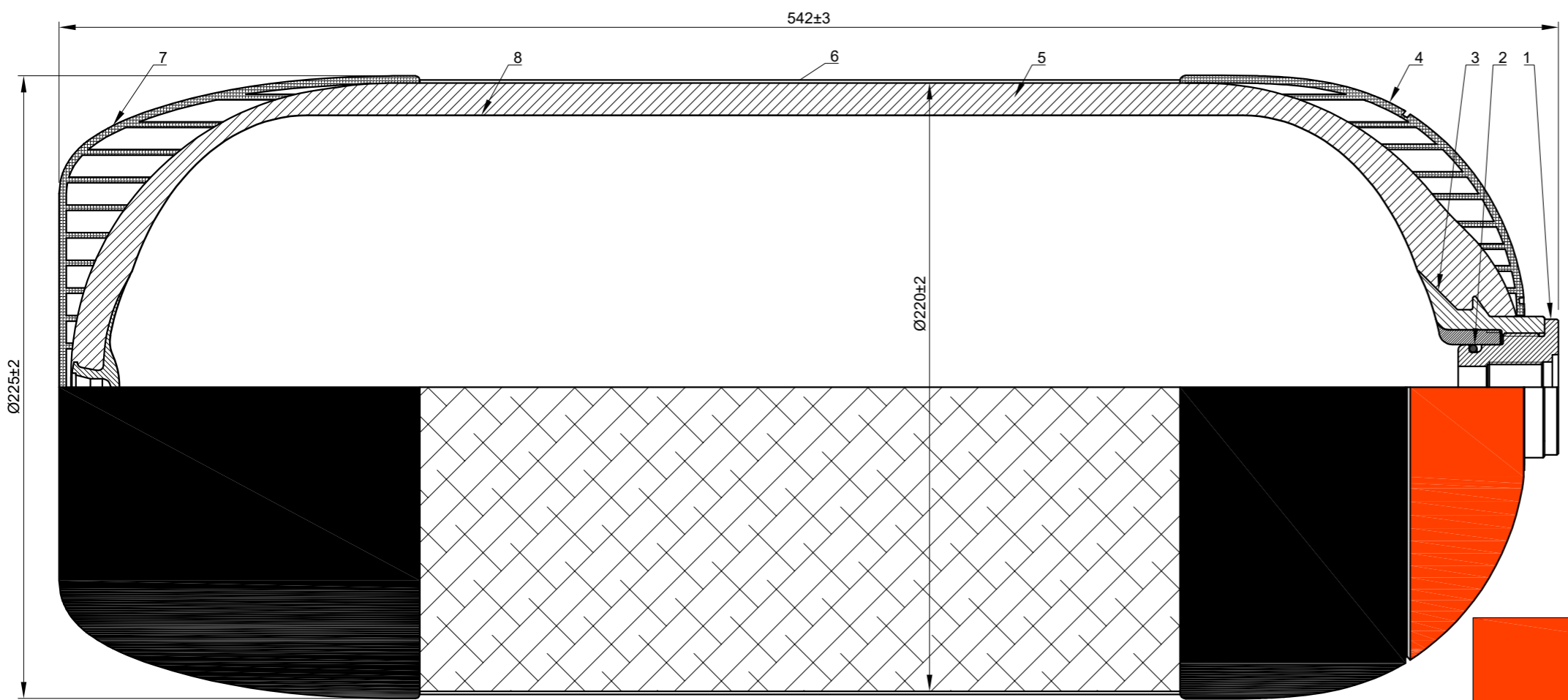


COMPOSITE TECHNICAL SYSTEMS

INSTRUCTIONS:
1) Valve screwing torque: 85 Nm
2) Before use, read carefully the user manual
3) Before loading perform the inert wash cycle
4) Avoid storing without pressure

RETESTING / RICOLLAUDO

Verification Body Number



Legend:

- ① Inner boss (internal nozzle)
- ② O-ring
- ③ Outer boss (external nozzle)
- ④ Upper rubber cap
- ⑤ Composite stratification layer
- ⑥ Optional exterior finishing
- ⑦ Bottom rubber cap
- ⑧ Internal PET liner

THREADS	
STANDARD THREAD	M18x1.5 - EN ISO 15245-1
OTHER COMMON THREADS	M25x2.0 - EN ISO 15245-1
	17E - EN ISO 11363-1

**CTS SpA Type 4 cylinders Data Sheet:
13.0 lt 310 bar Hydrogen**

Working pressure: 310 bar (4496 psi)	Boss (nozzles) material: Anodized aluminum alloy OR Stainless steel
Test pressure: 465 bar (6744 psi)	Liner material: PET
Min. design burst pressure: >930 bar (13489 psi)	Reinforcement material: Carbon fiber + Epoxy resin
Water capacity: 13.0 L (793.31 cu. inch)	Hydrogen mass: 274 g (9.67 oz)
Exterior finishing: Transparent coating	Developed pressure at 65°C: 366 bar (5308 psi)
Service life: non limited (NLL) according to ISO 11119-3 : 2013	Approved gases: UN 1049 Hydrogen, compressed
Specifications: ISO 11119-3 : 2013; European Directive TPED 2010/35/UE; ADR 2021	



The image has the only purpose to represent the product.