

M18x1,5 I CTS **xx/xxx/xxxxxx**
 x,xx KG 3,0 L PW300 at 15° C PT/PH450BAR
 EN12245:2009 + A1:2011 I **XXXX/XX**
TT 1370 PET LINER FINAL: NLL
 WARNINGS: FILL IN ACCORDANCE WITH MANUFACTURERS ISTRUZIONI
 THIS CYLINDER MUST NOT BE SUBJECTED TO A VACUUM
 AVVERTENZE: RIEMPIRE SECONDO LE ISTRUZIONI DEL FABBRICANTE
 QUESTA BOMBOLA NON DEVE ESSERE SOTTOPOSTA A VUOTO
 UN 1049 Hydrogen Compressed
 Customisable Logo Area (Black and White)
 CTS COMPOSITE TECHNICAL SYSTEMS
 INSTRUCTIONS:
 1) Valve screwing torque: 85 Nm
 2) Before use, read carefully the user manual
 3) Avoid storing without pressure
 FIRST INSPECTION DATE/DATA PRIMO COLLAUDO: XX/XXXX RETESTING / RICOLLAUDO:

Verification Body Number

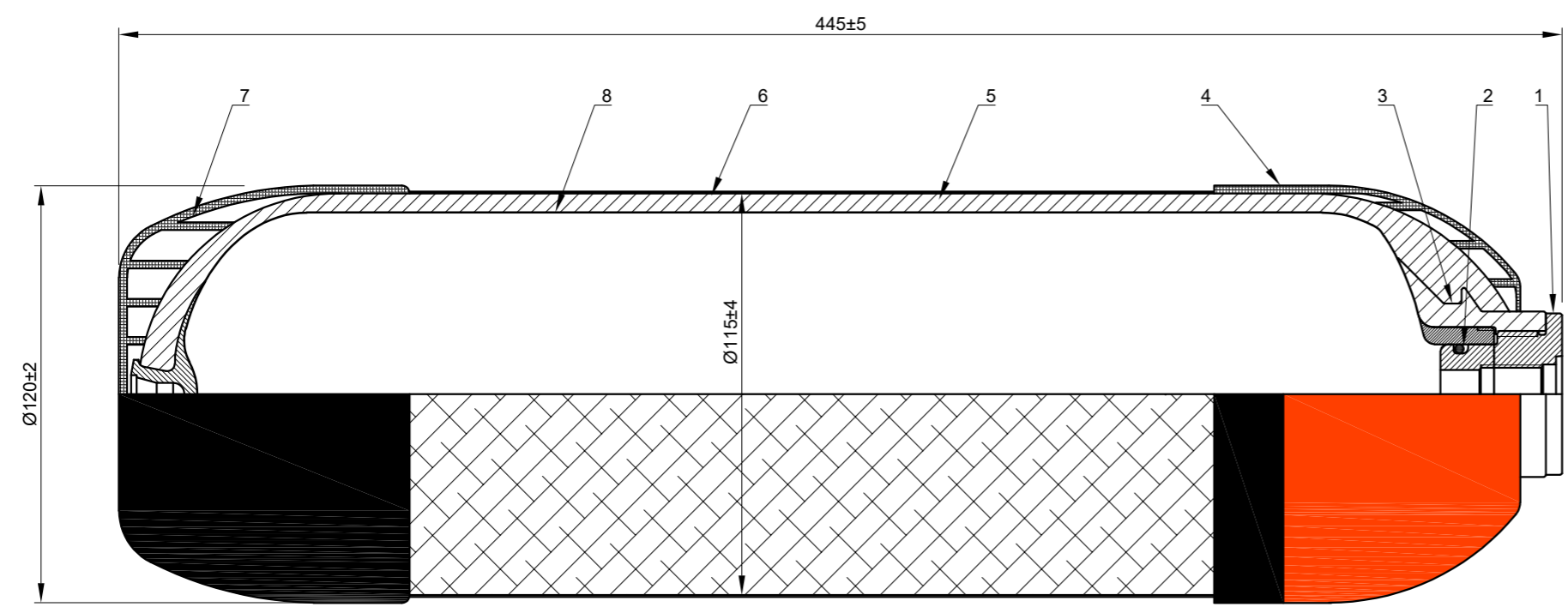
Verification Body Logo

Cylinder layout	Description and notes	Empty cylinder weight - Aluminum alloy	Empty cylinder weight - Stainless steel
Cylinder without finishings (bare cylinder)	Without finishings	1.53±0.09 kg 3.37±0.20 lbs	1.95±0.30 kg 4.30±0.66 lbs
Finished cylinder with transparent coating	Finished cylinder with transparent coating and rubber caps.	1.81±0.09 kg 3.99±0.20 lbs	2.23±0.30 kg 4.92±0.66 lbs
Finished cylinder with yellow or black sleeve	Finished cylinder with coloured sleeve (black or yellow), transparent sleeve and rubber caps.	1.95±0.09 kg 4.30±0.20 lbs	2.37±0.30 kg 5.22±0.66 lbs

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 AVAILABLE ON REQUEST	



**CTS SpA Type 4 cylinders Data Sheet:
 3.0 lt 300 bar Hydrogen**

Working pressure: 300 bar (4351 psi)	Boss (nozzles) material: Anodized aluminum alloy OR Stainless steel
Test pressure: 450 bar (6527 psi)	Liner material: PET
Min. design burst pressure: >900 bar (13053 psi)	Reinforcement material: Carbon fiber + Epoxy resin
Water capacity: 3.0 L (183.07 cu. inch)	Hydrogen mass: 63 g (2.22 oz)
Exterior finishing: Customer specifications	Developed pressure at 60°C: 349 bar (5062 psi)
Service life: non limited (NLL) according to EN 12245:2009 + A1:2011	Approved gases: UN 1049 Hydrogen, compressed
Specifications: EN 12245:2009 + A1:2011; European Directive TPED 2010/35/UE, ADR 2017 or European Directive PED 2014/68/UE	



The image has the only purpose to represent the product.